

2020-2021 Knox County 4-H Handbook



4-H PLEDGE:

I PLEDGE

My HEAD to clearer thinking

My HEART to greater loyalty

My HANDS to larger service, and

My HEALTH to better living for my club,
my community, my country and my world.

4-H MOTTO:

"To Make the Best Better"

4-H EMBLEM:

A four-leaf clover with the letter "H" on each leaflet, meaning the development of Head, Heart, Hands and Health, is the official 4-H Club emblem.



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Knox County 4-H Projects 2020-2021

For 2020-2021, no projects were removed or added.

Exhibit guidelines has been moved around.

Mini 4-H projects names has not changed.

Old Project Name	New Project Name
Aerospace	Aerospace
Agricultural Tractor	Tractor Operator Skills
Animal Poster	Animal Poster
Arts & Crafts (Fine, Model, Needle, & Other)	Arts & Crafts
Arts & Crafts: Wearable Art	Arts & Crafts: Wearable Art
Beekeeping	Beekeeping
Bicycle	Bicycle
Cake Decorating	Cake Decorating
Cake Decorating: Cupcake Decorating	
Child Development	Child Development
Collections	Collections & Hobbies
Computer Science	Computer
Consumer Clothing	Consumer Clothing
Creative & Expressive Arts: Card Making	Arts & Crafts: Card Making
Creative & Expressive Arts: Construction Toys	STEM: Construction Toys
Creative & Expressive Arts: Creative Writing	Communications: Creative Writing
Creative & Expressive Arts: Farm Scene	Arts & Crafts: Farm Scene
Creative & Expressive Arts: Fashion Design	Health & Well Being: Fashion Design
Creative & Expressive Arts: Gift Wrapping	Arts & Crafts: Gift Wrapping
Creative & Expressive Arts: Scrapbooking	Collections & Hobbies: Scrapbooking
Crops: Corn	Crops
Crops: Soybean	
Crops: Wheat	
Electric	Electric
Entomology	Entomology
Floriculture	Floriculture
Foods	Foods
Foods: Food Preservation	
Foods: Creative-A-Mix	
Forestry	Forestry
Garden	Garden

Genealogy	Genealogy
Geology	Geology
Health	Health & Well Being
Home Environment	Home Environment
Lawn & Garden Tractor	Lawn & Garden Tractor Operator Skills
	Zero-Turn Mower Operator Skills
Microwave Cooking	Foods
Photography	Photography
Physical Health: Sports	Sports
Recycling	Arts & Crafts: Recycling
Robotics	STEM: Robotics
Sewing	Sewing
Sewing: Sewing for Fun	
Sewing	Fashion Revue
Sewing: Sewing for Fun	
Shooting Sports	Shooting Sports
Small Engine	Small Engine
Soil & Water Conservation	Soil & Water Science
Sport Fishing	Sport Fishing
Verbal Communication	Communications
Veterinary Science	Veterinary Science
Weather	Weather & Climate Science
Weeds	Crops
Welding	STEM: Welding
Wildlife	Wildlife
Woodworking	Woodworking

Animals	
Beef	Beef
Cats	Cats
Dairy	Dairy
Dogs	Dogs
Goats	Dairy Goat
	Meat Goat
	Pygmy Goat
Horse & Pony	Horse & Pony
Llamas & Alpacas	Llamas & Alpacas
Poultry	Poultry
Rabbits	Rabbits
Sheep	Sheep
Swine	Swine

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KNOX COUNTY 4-H CLUBS AND LEADERS – 2020-2021**DECKER/ST. THOMAS**

Darlene Decker	769-4545
Rex Decker	881-9366

KNOX TRACTOR

Paul Clingerman	574-551-8312
Kenneth Risley, Jr.	887-1584

FLYING DUTCH/FREELANDVILLE

Rebecca Bland	328-9332
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DOG CLUB

Karin Schmidt	887-5948
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LITTLE RASCALS/VINCENNES

Lisa & Robert Willis	882-1322
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HORSE & PONY CLUB

Dianna Hatcher	890-7726
Rob French	890-2005

MONROE CITY

Kim Downen	886-6732
Amber Klein	881-8679
Kristen Downen	

LIVESTOCK CLUB

Tracee & Jeff Rode	887-7364
Heather & Jason Misiniec	735-2023

NORTH KNOX 4-H CLUB

Joe King	887-7143
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RABBIT CLUB

Jennifer Kramer	735-4100
Phillip Hedge	890-5230

OUR GANG

Joe Black	882-0477
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JUNIOR LEADERS

Amy Osborne	881-7723
Meagan Keyes	890-5541
4-H Educator	882-3509

VIGO POWERS

Kate Hammelman	681-0097
Holly Spanger	890-7904

NORTH KNOX **MINI 4-H**

Angela Holscher	890-0695
Andrea Chattin	890-6370

VINCENNES **MINI 4-H**

4-H Educator	882-3509
Knox County Junior Leaders	

KNOX COUNTY 4-H COUNCIL – 2020-2021

as of September 1, 2020

ADULT MEMBERS

_____ (Fair Board Rep.)

Gary Alsman

Ashley Blubaum

Casey Butler

Ryan Chatten

Kim Downen

Rob French

Lori Graham

Dianna Hatcher

Angela Holscher

Tracey Kahre

Travis Kahre

Meagan Keyes (President)

Greg Laake (Treasurer)

Meagan Lafferty

Rob Marchino

Beth Newton (Secretary)

Lacey Newton

Amy Osborne (Vice President)

Lucinda Rodrick

Mike Ruppel

Carrie Wilson

YOUTH MEMBERS

Jordan Gardner

Katelyn Hedge

Rayne Held

Jacob King

Zoey McCormick

Aubree McGiffen

Tom Schmidt

Kyla Wolfe

GENERAL RULES - 4-H

Membership

1. Youth may become 4-H members when they enter the 3rd grade and continue through 12th grade. A member may continue membership for a maximum of ten (10) years or through the calendar year in which he/she reaches age 19.

Residence

2. 4-H enrollment is typically made in the county in which an individual resides. However, individuals may join another county, as long as their membership does not violate county policy. Knox County requires council approval for dual membership. During a calendar year, a 4-H member enrolled in a given project is expected to exhibit that project only in the county of enrollment. Participation in 4-H related events (judging, Share the Fun) must be in the county of primary enrollment.

Behavioral Criteria

3. 4-H members, Leaders, Parents and the public: When attending, participating or acting in behalf of the 4-H program, all persons are expected to conduct themselves in accordance with accepted standards of social behavior, to respect the rights of others, and to refrain from any conduct which may be injurious to the 4-H program. The following actions constitute misconduct for which persons may be subject to disciplinary penalties and/or dismissal from the program:

(a) Dishonesty in connection with any 4-H activity by cheating or knowingly furnishing false information.

(b) Alteration or unauthorized use of 4-H records.

(c) Obstruction or disruption of any 4-H activity or aiding and encouraging other persons to engage in such conduct.

(d) Failure to comply or aiding or encouraging other persons not to comply with specific terms and conditions of a given project, contest, or activity.

(e) Failure to comply with directions of 4-H officials acting in the proper performance of their duties.

(f) Inhumane treatment of 4-H animal projects.

Attendance

4. It is recommended that 4-H'ers attend their club meetings to receive the maximum benefit from enrolling in 4-H. It is a courtesy to let your 4-H leader know if you cannot attend.

5. A club member may enroll in only one division of a project (except crafts, and sewing for fun) for each year and may exhibit only in the projects and divisions enrolled. Divisions are determined by grade in school at enrollment time, unless otherwise stated in the project section of the handbook.

6. Exhibits are to be delivered to the fairgrounds during the specified time.

7. 4-H members are to follow project manuals, however, for exhibiting projects at the fair the Knox County 4-H (this) Handbook will be the basis for judging decisions.

8. Fair passes picked up when you turn in your general record sheet at check-in. The Fair Board is not responsible for lost fair passes.

9. Ribbons of blue, red, white will be awarded to all exhibits which meet requirements. Late projects will receive participation ribbons.

10. Champion ribbons will be awarded for the best blue ribbon exhibit in each division of a project at the judge's discretion.

11. When one or more divisions have a champion, a Grand Champion and a Reserve Grand Champion will be awarded.

12. No additional premiums are given for championship.

13. The premiums of each ribbon group are as follows:

Blue ribbon group --- \$2.00

Red ribbon group ---- \$1.50

White ribbon group -- \$1.00

14. Check project information for correct day to have project judged.

15. Premium money may be secured for 4-H exhibits between 3:00 p.m. Thursday until 10:30 a.m. Saturday.

16. Exhibits not picked up will be disposed of after the fair.

17. Any 4-H'er found tampering with another 4-H'ers project will forfeit any future participation for 1 year.

18. The judge's decision on all ribbons awarded is final.

19. Error in Judging: The judge has the right to change (lower) ribbon placing if the project requirements are not met and the error is discovered prior to the judge's departure.

20. ALL POSTER PROJECTS MUST BE 22"X 28" FOAMBOARD WITH HOOK TAPE ATTACHED. Posters must be horizontal & covered with plastic; they will be taken down a ribbon if they are in the wrong direction.

21. The Knox County 4-H Association reserves the right to not display any exhibit that may be deemed inappropriate for the fair-going audience.

22. There will be ONE comprehensive record sheet per member required. Complete the one record sheet and place in your green member's record behind the white record of achievement. This change should make completing requirements easier.

DEADLINES

Enrollment forms January 15, 2021

Beef & dairy steer forms April 1, 2021

Livestock possession date May 15, 2021

Drop & Add projects May 15, 2021

Members not complying with established dates and deadlines for exhibition may be denied exhibition privileges.

EXHIBITION

Exhibition of 4-H projects in local, county or state exhibits/fairs is considered a privilege and is voluntary on the part of the exhibitor. Not following the established rules of the projects will be grounds for exclusion from the competition/exhibition or the project itself.

COMPLETION

The completion of a 4-H project must not be misinterpreted as exhibition of said project at a local, county or state fair. A 4-H member is considered complete in their project work for the year when they have completed 1) an official enrollment form prior to the deadlines 2) turned in the completed record sheet prior to the deadline, 3) had an extension educator verify the existence of the project.

INDIANA STATE FAIR PROJECTS:

The 2021 Indiana State Fair will be August 6 - 22. 4-H projects that are State Fair eligible have the requirements listed on the Indiana State Fair website: www.indianastatefair.com

Non-perishable projects will be taken from the 4-H exhibit hall. Perishable projects due in office by 4:00 p.m. on August 3. All State Fair projects will be available for pickup on August 24.

FASHION REVIEW

This is open to any Clothing project member. The Fashion Revue consists of public presentation/judging where each member models their garment. The Fashion Revue is held the week before the Fair. Garments modeled in Fashion Revue must have been made by participants since the preceding year's county exhibit. There will be a Junior and Senior Revue. Members in Sewing division I, II, III, IV, and V are in Junior Revue. State Fair Categories are Seniors.

Each county may enter six participants in the State Fair with a maximum of two per category. These participants must be in grades 8-12 and not have passed their 19th birthday on January 1 of the current year. Outfits to be worn in the State 4-H Fashion Revue cannot be exhibited at the State Fair in the sewing project.

Definition of an outfit: An outfit is a garment or garments that when put together make a complete look - such as one or two piece dress, or one or two piece pant suit, or a three piece combination such as pants, vest and blouse or shirt.

STATE FAIR CATEGORIES

Informal/Casual Wear: A complete outfit of one or two pieces suitable for school, weekend, or casual, informal activities.

Dress Up: This is suitable for special, church, or social occasions that are not considered to be formal. It may be an outfit of one or more pieces with or without its own costume coat or jacket (lined or unlined). This is not an outfit that would be worn to school, weekend, or casual informal activities.

Suit or Coat: The suit consists of two pieces including a skirt or pants and its own lined jacket. It is not a dress with a jacket as in "dress up". The coat is a separate lined coat for your wardrobe. It will be judged separately as a coat with its own accessories.

Separates: Consists of three garments that must be worn as a coordinated complete outfit. Each piece should be versatile enough to be worn with other garments in your wardrobe.

Formal Wear: This outfit may be one or more pieces suitable for any formal occasions, such as proms, weddings, and formal evening functions.

Free Choice: A complete outfit comprised of garments that do not fit in the other classifications. Examples include: tennis wear, swim wear, athletic or sportswear, lounge wear, riding habits, historic, dance, theatrical, or international costumes, capes, and unlined coats.

IN ADDITION to the **Clothing** project on Fashion Review night, exhibitors from the **Consumer Clothing** project are invited to model their chosen outfit.

Sewing for Fun exhibitors can also show off what they have created. Both of these categories are not judged the evening of Dress Review. **Fashion Design** participants can compete in a modeling competition during Fashion Review. Letters are mailed to all enrollees in these projects

POSTER PREPARATION

Very Important

- **All posters, notebooks, and display boards must include a reference list indicating where information was obtained, giving credit to the original author, to complete the 4-H member's exhibit. This reference list include web site links, people and professionals interviewed, books, magazines, etc. It is recommended this reference list be attached to the back of a poster or display board, be the last page of a notebook, or included as part of the display visible to the public.** A judge is not to discredit an exhibit for the manner in which references are listed.
- **ALL posters will be 22x28 inches and displayed HORIZONTALLY 28" across.** (Vertical posters will be dropped one place) All 4-H posters must use foam core board. This material can be used as the poster or can have a poster board attached to it.
- Foam core board may be purchased from the Extension Office. Be sure to purchase the correct size foam core board from other sources. It is not acceptable to use plywood, or Masonite or similar materials for poster backing.
- Poster sleeves and salon print sleeves are available for purchase from the Extension Office and recommended. You may cover your poster with other clear plastic that is heavy enough not to wrinkle. **DO NOT USE SARAN WRAP!!**
- **All posters must also have hook tape secured to the back of the poster along the edges.** Hook tape may be purchased from the Extension Office.
- Project labels from the Extension Office must be attached to the lower right hand corner of the poster after covering with plastic.

Purpose of 4-H Posters

4-H Posters provide an opportunity for members to share information about 4-H and a wide range of projects. Posters may be stand-alone pieces that can be exhibited at fairs and events, or visual aids developed to assist with presentations.

Secrets of Success

A successful poster will:

- Catch the eye of the passerby
- Be simple and clear
- Impress an idea or a fact upon the viewer
- Stimulate the viewer to support your idea, get more information, or take appropriate action.
- Have space left over—white space is not blank space. Posters that are uncluttered are easier to read.

Posters make People:

Stop

Read

Remember

An effective poster: attracts attention, focuses on a main interest or idea, and motivates you to take action.

Planning A Poster

A poster should have one main idea. Have the reason for the poster clearly in mind before you start.

- Consider who your viewer will be
- Decide what you want them to know
- Decide what you want them to do
- Think of a clever theme or slogan
- Limit your effort to one main idea
- Make a small rough sketch
- Remember that this type of visual communication is an aid to what you are trying to teach with your project.

Choosing Colors

Color combinations affect how easily the message is read as well as the overall appearance of the poster.

- Consider the Contrast: This means you use dark letters on a light background, and light letters on a dark background.
- Let the most important items be the most important color.
- Colors that are close to the background shade will not show up well and cannot be read at a distance.
- Avoid using too many different colors. Two or three should be sufficient. You don't want to overwhelm your main point!
- Avoid putting red and green next to each other—this is hard to focus on if a person is colorblind.
- Avoid bright neon colors—they may catch the eye, but they are hard to focus on.

Lettering

- Lower case letters are easier to read than all CAPITALS. Use capitals only for emphasizing an important phrase or word to give variety.
- Save fancy or script lettering for catching the attention of the viewer.
- When hand lettering, always use guidelines. Using a ruler, lightly pencil in straight lines that can be erased when your poster is complete.
- Letters may be cutout and glued on, or precut letters may be purchased.
- Keep written material to a minimum. Use only headings, captions and signs necessary to tell the story. Use different size lettering for items of varying importance.
- Allow margins to keep things from running together and looking too cluttered.
- Below is a table of letter sizes and their effectiveness:

Size	Viewing Distance
1/4 inch	8 feet
1/2 inch	16 feet
1 inch	32 feet
2 inch	64 feet

Ask your parents, 4-H Leader, or older 4-H member to look at your poster and tell you what they think.

Revise-Re-Do-Rearrange

1. Cut out all your letters, pictures and graphics.
2. Draw guidelines and place or draw in letters.
3. Lay all your pieces of your poster out on the poster board.
4. Ask yourself, "How does it look?"
5. Revise and rearrange as needed.
6. Re-Do anything that should be a different size or color.
7. Move things around until you are happy with the overall effect and message of your poster.
8. Glue everything in place.
9. Remember—NEATNESS COUNTS!

Courtesy of: New Mexico State University

ACTION DEMONSTRATION

An action demonstration is a fun way to share what you have learned with others. The key is getting your audience involved in doing what you are doing, not just showing them. An action demonstration can be given anywhere there are a lot of people, such as a county or state fair, a shopping mall, or any community event. A 4-H meeting or a Junior Leader meeting is also a great place to give a demonstration.

An action demonstration can be on almost any topic. Here are some questions to ask yourself when choosing a topic:

- Is it something that can be given in 3-5 minutes?
- Is it something that would interest the general public?
- Is there something "hands on" for the audience to do?

Can the supplies for the "hands-on" activity be used over and over again, or will they have to be replaced every time? (Note: If they have to be replaced, this will add to the cost.)

Your demonstration should last about 3-5 minutes, and you may need to do it over and over with many different people. There is no prepared speech in an action demo; it is a two-way conversation.

Your goal is to involve the audience, and you can do this by having them:

- Do what you are doing.
- Play a game.
- Answer questions.
- Do a hands-on-activity.

There are some ideas that would be good for demonstrations in the manual. A checklist for a good action demonstration is included in the manual.

KNOX COUNTY FAIR QUEEN QUALIFICATIONS AND RULES

1. Any 4-Her meeting the following criteria is eligible for the Queen contest. Deadline for declaring intention to participate is June 1st.

- At least 18 years old by State Fair date.
- To be in Queens Court must be 16 years old by June 30th.
- Currently enrolled in 4-H
- Not a past State Fair contestant.

2. Must attend at least 4 of 5 practices with the final practice being mandatory.

3. The Queen Committee of the 4-H Council shall be in charge of the 4-H Queen Contest.

4. There shall be no monetary gifts or presents presented to the queen candidates other than those approved by the Fair Board and passed on by the committee.

5. Contestants will be judged on the basis of personality and beauty.

6. The Queen contest will be held in two parts, private review and public review. The private review will include interview and luncheon with the judges, modeling of professional attire and evening gowns. The public review will be held on the Sunday one week before the County Fair. Contestants will appear in professional attire and evening gowns.

7. Knox County will be represented at the State Fair by the winner of the contest or the First runner-up, if the winner becomes ineligible.

8. State Fair Contestants must meet the eligibility requirements of that contest and adhere to the rules of the State Fair.

GUIDELINES FOR 4-H RECORD KEEPING

Record keeping is one of the simplest things there is to do in any 4-H project, yet it is one of the things 4-H members seem to dread the most. Here are some suggestions for making your record keeping simpler and also to make your records reflect the effort you have put into your project and club work. Well-kept records will help you apply for trips & awards in the future.

1. All 4-H members are to use the green Indiana 4-H Club Members record book. These green record books are available at the County Extension Office if yours needs to be replaced.
2. All 4-H members must have the white "My Record of 4-H Achievement" card and it must be the first record attached inside the green Indiana 4-H Club Members record book.
3. The white "Record of 4-H Achievement" should be completely filled out both front and back each year. You should list on the front side of the record the years of membership (2007, 2008, etc.) and the project levels taken (Clothing II, Electric IV). The back of the card should be completed to show the number of meetings attended each year, offices held, etc. This is the basis for many trips and awards in the later years of 4-H.
4. Complete the one record sheet and place in your green member's record behind the white record of achievement. This change should make completing requirements easier.
5. Current year's records should be attached in the back of the green Members record book. Always put the current records in the back.
6. Start keeping your 4-H records right after the fair. For example, all the cookies and cakes you bake from August to February can go in this year's Foods record.
7. Keep all of your 4-H records and manuals together--maybe in a box or a special drawer. Hold on to your old manuals and record sheets.
8. **You must turn in your one general 4-H record sheet at check-in in order to get your fair pass. Turn in only your general record sheet, not your green Member's record book. These sheets will be returned to you next year when you sign up for 4-H.**

GENERAL TERMS AND CONDITIONS

The Indiana 4-H Program Philosophy and Expectations:

The Indiana 4-H Youth Development program serves the youth of Indiana by providing a strong educational youth development program. This program delivers educational experiences in a variety of settings. Caring, capable and contributing adults assist in the 4-H program as role models for youth. The rich heritage of the 4-H Program is one to be valued and passed along to future generations.

The Indiana 4-H Youth Policies and Procedures Handbook includes certain standards and guidelines to assure that 4-H is a positive youth development program. County 4-H policy is guided by the county 4-H policy making or governing board (i.e., 4-H Council) as provided by the County Extension Board. Legal authority for the 4-H Program rests with the Director of the Cooperative Extension Service at Purdue University. No county 4-H policy may conflict with state 4-H policy or with federal guidelines and requirements.

Deadlines for county and state participation should be carefully constructed so as to encourage rather than to discourage participation. Such deadlines should be well published. Members not complying with established and published dates and deadlines for exhibition may be denied the opportunity to exhibit.

It is the policy of 4-H to be an inclusive organization. No county policy or practice should be used to arbitrarily exclude youth from either membership or participation. Youth should participate in 4-H Youth Development opportunities at levels and times that best suit the youth's development and support family involvement.

4-H Mission and Vision

4-H Mission: The Indiana 4-H Youth Development mission is to provide real-life educational opportunities that develop young people who positively impact their community and world.

4-H Vision: Indiana 4-H Youth Development strives to be the premier, community-based program empowering young people to reach their full potential.

4-H Club Membership:

Youth may become 4-H members when they enter the third grade and may continue their membership through the completion of grade 12. Each individual may continue membership for a maximum of ten (10) consecutive years.

Exceptions:

- (1) Youth who enroll in grade three and are advanced academically (thus graduating early) may continue for a total of 10 years **ONLY** if the enrollment occurs in consecutive years.
- (2) Those youth who are academically advanced and “skip” 3rd grade, may begin the program as a 4th grader and may continue for a total of 10 years **ONLY** if the enrollment occurs in consecutive years.
- (3) Those youth who enroll in grade three and are retained a grade in school may continue to progress through the 4-H Program by adding subsequent years of participation, but **MAY NOT** exceed 10 years of participation. For example, if a member is retained one year in school (public, private, or home), their final year of 4-H membership would conclude the summer following their junior year of high school.
- (4) Those youth who entered the program in 3rd grade and for one reason or another leave formal education prior to the completion of 12th grade may continue for a total of 10 years **ONLY** if the enrollment occurs in consecutive years.

NOTE: 10 years of membership in the 4-H Youth Development Program is an opportunity --- not an entitlement. Those youth who do not enroll as 3rd grade students or meet the exceptions above, conclude their involvement with the program during the summer immediately following the completion of their senior year in high school.

An individual’s 4-H grade is determined by the school grade in which he or she is classified at the time of year he or she enrolls in 4-H. A member does not advance in 4-H grade until he or she enrolls in 4-H for the subsequent year. Each member should enroll in the division of a project/subject that would best suit his/her interest and potential for personal growth and would enhance their family involvement.

Opportunities in the 4-H program are available to all Indiana youth as defined regardless of race, religion, color, sex, age, national origin or ancestry, marital status, parental status, sexual orientation or disability. Married young men and women of 4-H age may participate in any of the 4-H projects and activities. However, married persons must participate by the same terms and conditions and/or guidelines as unmarried participants. Membership in 4-H is gained by annually enrolling through a Purdue University Cooperative Extension Service Office located in each of Indiana's 92 counties.

The Indiana 4-H Youth Development program year is October 1 to September 30 annually. Enrollment is an annual process attained by completing individual 4-H enrollment via the 4HOnline enrollment process. Statewide 4HOnline enrollment occurs annually October 1 through January 15.

Mini 4-H Non-Competitive Policy:

Mini 4-H is a program designed to encourage positive development of children, Kindergarten through second grade. The goal of Mini 4-H is to help young children explore friendships outside the family; explore the way in which things work; practice both small and large muscle control; and think about the ways people work together on projects.

The NON-COMPETITIVE learning environment for Mini 4-H includes:

1. Planned learning activities in which children are invited to be active and explore materials and ideas without the pressure of completing a specific product or exhibit.
2. Low adult/leader to child ratio that allows time for adults/leaders to provide individual, positive encouragement and assistance.
3. Simple, interesting activities that are fun.
4. Encouragement of children to participate in a group activity by sharing and or displaying their activity projects.
5. Rewards that are identical and/or ribbons of the same color for everyone.

DO NOT JUDGE projects, but instead discuss them with the child.

NOTE: Purdue University and the Indiana 4-H Youth Development Program do not support, endorse, or encourage programming for children prior to Kindergarten. 4-H Youth Development Extension staff members and 4-H Volunteers may not offer, or encourage others to offer, programming for children prior to Kindergarten.

Residence:

Indiana youth typically enroll in 4-H Youth Development programs in the county or state in which they reside. However, individuals living in one county **may** join 4-H in another county. There may be educational or social reasons for an individual joining 4-H in a different county than that of their primary residence. During a single program year, a 4-H member enrolled in a given project is expected to enroll and exhibit that project only in one county of enrollment.

In the event that a project is not offered in the county of primary 4-H enrollment, a 4-H member may enroll in that specific project in a different county. Approval of this special exception rests with the 4-H Extension Educator. Participation in 4-H related activities and events (i.e., judging, share-the-fun, auction) must be in the county of primary 4-H enrollment.

The above policy is not intended to provide an escape mechanism for 4-H members and families who are unwilling to follow the terms and/or conditions in their current county of 4-H membership. Decisions regarding 4-H membership in a non-resident county (a county you do not live in), rest with the 4-H Extension Educator in the receiving county.

Note: In a statement from our federal partner in Washington, D.C., the following statement appears: *"Anytime there are procedures for exclusion of individuals from events which use the 4-H name there are potential challenges to enforcement of the exclusions. The challenges have a substantial potential to prevail and they frequently result in negative publicity for the organization. Therefore, before choosing a policy of exclusion it is wise to evaluate the exclusion being considered, to be sure there is an overwhelming educationally based need for the exclusion".*

Extension employees and volunteers are obligated to eliminate (and should not create) any practices that limit, deprive, or tend to deprive any youth of opportunities for membership and/or participation in the Indiana 4-H program.

Behavioral Criteria for 4-H Events and Activities:

(Recommend distributing with health forms for trips/activities.)

To 4-H members, volunteers, parents and the public: When attending, participating or acting on behalf of the 4-H program, all persons are expected to conduct themselves in accordance with accepted standards of social behavior, to respect rights of others, and to refrain from any conduct which may be injurious to the 4-H program. **The following actions constitute misconduct for which persons may be subject to disciplinary consequences and/or dismissal from the program:**

- (a) Dishonesty in connection with any 4-H activity by cheating or knowingly furnishing false information.
- (b) Alteration or unauthorized use of 4-H records.
- (c) Obstruction or disruption of any 4-H activity or aiding and encouraging other persons to engage in such conduct.
- (d) Failure to comply or aiding or encouraging other persons not to comply with specific terms and conditions of a given project, contest, or activity.
- (e) Failure to comply with directions of 4-H officials acting in the proper performance of their duties.
- (f) Inhumane treatment of 4-H animal projects.

There are many opportunities for 4-H members, volunteers, parents and the public to participate in 4-H events and activities. When involved in such experiences, members, volunteers, parents and the public are expected to follow all rules and regulations as outlined by those responsible for the specific program or activity. In all such 4-H activities, the following constitute a violation of behavioral expectations:

- 1) Possession or use of fire crackers, gun powder, firearms, chemicals or other materials that can be used to create an explosive mixture.
- 2) Misuse of fire equipment or sounding a false fire alarm.
- 3) Having a guest of a different gender in your sleeping quarters, or inappropriate sexual behavior.
- 4) Physical or verbal abuse of any person or conduct which threatens or endangers the health or safety of any person.
- 5) Theft of or malicious damage to property.
- 6) Possession, use, or distribution of alcohol, illegal drugs, tobacco and tobacco-like products, or other dangerous substances.
- 7) Inappropriate displays of affection towards another person(s).
- 8) Distribution, misuse, or abuse of over-the-counter, homeopathic (including supplements and vitamins), or prescription medications.
- 9) Inappropriate clothing or lack of clothing during the event or activity.
- 10) Lewd, indecent, or obscene conduct.
- 11) Unauthorized entry, use or occupancy of any facility.
- 12) Any conduct which threatens or interferes with maintenance of appropriate order and discipline or invades the rights of others.
- 13) Unwillingness to follow appropriate health and safety procedures.
- 14) Reckless or inappropriate behavior.

When violations occur at out-of-county, district, area, state and/or national 4-H events, the following procedures will be followed.

- (a) The parents/legal guardians may be contacted to arrange transportation home for the violator(s) and
- (b) The local extension educator may be notified.

I verify that I am a 4-H member, I have read and will abide by the rules and behavioral expectations, set by the Indiana 4-H program or I will forfeit my right to stay. Both signatures are required.

4-H member signature _____

Date _____

Parent/legal guardian signature _____

Date _____ (Attach 4-H member's

recent photo to back of this form).

Guidelines for Exhibition and Completion:

Following are policies that govern exhibition and completion of 4-H Projects:

Exhibition: Exhibition of 4-H projects/subjects in local, county, or state exhibits/fairs, in person or virtually, is voluntary on the part of the exhibitor. The exhibition of 4-H projects/subjects provides 4-H members an opportunity to display their 4-H projects/subjects, enter into competition, and participate in an educational/social environment with peers. With exhibition also comes the responsibility for abiding by all the terms and conditions pertaining to the respective 4-H project.

Completion: The completion of a 4-H experience may include a variety of options and must not be misinterpreted solely as exhibition of a project at a local, county, or state fair. There are a number of ways that a young person may participate in the 4-H Youth Development Program in addition to the club-based option. Participating in these 4-H opportunities enable the youth to build skills that will serve them well throughout their adult lives.

Some of these participation options do not include the preparation of a specific exhibit by an individual that would be on display at a fair or similar event. In some cases, the youths' actual participation may be the final product that results in their completion of a year of 4-H. Some examples of this participation include working as a team to develop a robot for a workshop or challenge; completing a Spark Club experience; participating in State 4-H Band or Chorus; taking part in a science training or experiment; participating in an after school 4-H experience; etc.

4-H members are considered complete in their 4-H educational experience for the year when they have (1) completed the 4-H member enrollment process prior to the established and published date for enrolling; and (2) had an officially recognized 4-H volunteer/Extension Educator verify the existence of the completed project/subject or the member's participation in a 4-H educational experience. Additionally, 4-H members who participate in a club- or fair-based 4-H project/subject will submit a completed 4-H record sheet based on printed or web-based educational materials (used by Indiana 4-H Youth Development) prior to the established and published date.

Though exhibiting in local, county, and state exhibits/fairs is not required for project completion, as it does not necessarily relate directly to content and skills learned in the development of the 4-H project, project exhibition is encouraged as a continuation of the educational experience.

Extension employees and volunteers are obligated to eliminate (and should not create) any practices that limit, deprive, or tend to deprive any youth of opportunities for membership and/or participation in the Indiana 4-H program.

Grievance/Appeal Guidelines for County 4-H Program Issues: (Activities, Programs, Projects)

The grievance procedures outlined in this document are utilized as part of an internal process of the Indiana 4-H Youth Development program for use when grievances of 4-H members, their parents/guardians, or 4-H volunteers cannot be resolved via reasonable conversation. This policy affords the opportunity in those unique situations to allow voice or opinion to be heard when there is a dispute regarding 4-H participation, activities or programs. This is not a mechanism for complaints against individual 4-H members (or their families), 4-H volunteers, judging officials for competitive events, or Purdue Extension staff. All resulting decisions will be made in accordance with the Indiana 4-H Program's stated mission to be an inclusive organization designed to encourage and maximize youth participation. The rights of the individual filing the grievance are limited to those provided by Indiana 4-H Program policy.

Purdue University, as the Land Grant University in Indiana, is charged (by the United States Department of Agriculture) with implementing the 4-H Program in communities across the State of Indiana. Purdue Extension Educators in each Indiana county represent the university in local communities and have the responsibility of assuring all 4-H volunteers meet basic university criteria as they serve as representatives of the university. Purdue Extension Educators additionally provide oversight to 4-H volunteers including the assurance that Indiana 4-H Policies and Procedures are appropriately implemented in 4-H Program delivery.

Individual county 4-H policies and procedures should be created and reviewed to assure they do not contradict established statewide 4-H policies and procedures. If a contradiction is discovered during the grievance process, Indiana 4-H Program policy shall be followed in determining the grievance outcome.

1. Grievances are made by completing the Indiana 4-H Grievance/Appeal form with the burden of proof being the responsibility of the individual filing the grievance. The completed grievance/appeal form and supporting documentation shall be presented to the president of the 4-H policy-making body (e.g., 4-H Council) or the Purdue Extension Educator who works with the 4-H Program. (NOTE: concerns regarding staff, volunteers, members, or other individuals are not issues for which a grievance may be filed. 4-H volunteers are assigned by the 4-H Extension Educator. Concerns regarding 4-H volunteers, members, or other individuals should be addressed directly with the Purdue 4-H Extension Educator.)
2. Grievances pertaining to 4-H activities, programs or projects shall be filed within 14 days of an incident or occurrence. Grievances pertaining to county fair related issues are often time-sensitive and must be filed within 24 hours of the incident.

Continue to next page.

3. The grievance process occurs in the county where the issue or concern arises and offers three opportunities for a concern to be heard and reviewed.
 - A. The grievance is initially heard by an unbiased, representative grievance sub-committee. It is the Purdue Extension Educator assigned to 4-H Programming who shall annually work with the chair of the county 4-H Council to determine this committee's membership to include the following individuals: one representative of the 4-H Council; two 4-H volunteers serving as a 4-H club organizational leader; one member of the County Extension Board; and one 4-H volunteer knowledgeable in the subject matter (project) of concern (this individual will vary dependent on issue raised with the grievance). The Purdue Extension Educator assigned to 4-H shall convene the group.
 - B. The person filing the grievance may appeal the decision of the grievance sub-committee to the 4-H policy-making body, which will then review the facts in evidence and render a decision.
 - C. The person filing a grievance may appeal a decision of the 4-H policy-making body to the County Extension Board. The Extension Board will review the facts in evidence and render a decision. This is the final level in the appeal process.

****While there is no doubt some overlap in who serves on these committees, the intent of a three level process is to assure different individuals have the opportunity to hear and act on the grievance. ALL individuals involved at any level of the grievance procedure are reminded of the importance of keeping discussions regarding grievances confidential.**

To maintain the confidentiality of the parties involved, the grievance hearings at each level will be closed to the public. Only the individuals who have filed the grievance, the members of the grievance committee, and the Purdue Extension Educators will be present during each level of the grievance process, *****The grievance process is internal to the Indiana 4-H Youth Development Program and meetings of the grievance committees are not subject to Indiana's Open Door Policy.**

The Purdue Extension Educator assigned to work with the 4-H Program has the obligation to inform all parties that there is a grievance procedure if there are disagreements with policies. The practice of charging fees from those filing grievances shall be eliminated and all counties will utilize the Indiana 4-H Grievance/Appeal Form as part of the grievance process

Grievance/Appeal Form

WARNING: You must read and initial this section before proceeding to complete this document.

- ____ 1. I understand and agree that filing a grievance that alleges A. facts that are not true, or B. facts that I know are not true, or C. facts I should know are not true: will be considered a violation of the 4-H behavioral expectations.
- ____ 2. I understand and agree that all statements made herein by me are subject to the pains and penalties of perjury and I hereby affirm that my statements herein are true.
- ____ 3. I understand that perjury is a crime in Indiana.
-

I, the undersigned, allege that the following term(s) and condition(s) have been violated:

The facts which support this allegation are set out as follows:
(If needed, additional sheets may be attached.)

I swear or affirm under the penalties of perjury (1) (2) that I have read, understand, and accept the above statements to be true, accurate, and complete.

Signed: _____

Date: _____ Time submitted: _____

Print your name: _____

Address: _____

Phone: _____

Oath (3)

Before me, _____ A Notary Public in and for _____ County, State of Indiana, personally appeared _____ and he/she being first duly sworn by me upon his/her oath, says that the facts alleged in the foregoing instrument are true.

(signed) _____ My commission expires: _____

(SEAL)

1. Perjury –making a false, material statement under oath or affirmation, knowing the statement to be false or not believing it to be true. In Indiana, a person who commits perjury commits a Level 6 felony,(4) which may be punishable by imprisonment, fine, or restitution (Indiana Code 35-44.1-2-1 and 35-50-2-1)
2. Prosecution for violations of Indiana law will be referred to the proper authorities.
3. Oath – An affirmation of truth of a statement before an authorized person.
4. Felony – A crime of graver or more serious nature than those designated as misdemeanors.

MINI 4-H

Exhibits entered on the Wednesday or Saturday prior to fair.

1. Open to 4-H'ers who are in Grades Kindergarten, 1, and 2. Grade will be determined by the grade in school during the current school year. (If 4-H'ers are in 3rd through 12th grade this year they are eligible for traditional 4-H).
2. Completed 4-H'ers will receive a 4-H ribbon when they bring their exhibit to the Fairgrounds.
3. Each Mini 4-H'er can exhibit 2 of the projects offered.
4. **Mini 4-H enrollment deadline is January 5th.**

CRAFTS:

You will create a piece of art by experiencing the fun of exploring and feeling new textures and art forms.

Exhibit Requirements: You will select and make one arts and crafts exhibit from the Mini 4-H Arts & Crafts Manual.

BICYCLE:

Learn about choosing a bike, bicycle care, traffic rules, hazards of the road, safety and helmets.

Exhibit requirements: You should exhibit 14" X 22" horizontal poster based on one of the activities covered in the manual

COLLECTIONS:

You will build a 4-H Collection of stamps, unusual rocks, coins, thimbles, campaign buttons, etc.

Exhibit Requirements: Your exhibit will be a 14"x22" horizontal poster labeled "MY 4-H COLLECTION" Or you may choose an idea from the manual.

DINOSAURS:

Learn about fossils and dinosaurs.

Exhibit Requirements: Exhibit one of the following: a fossil cast, a dinosaur scrapbook, a dinosaur model, a poster about dinosaurs or something from the manual.

DOG:

Opportunity to learn dog obedience by attending dog club meetings

Exhibit Requirements: Exhibit a 14" x 22" poster labeled "My Dog and Me" or participate in the dog show.

FARM ANIMALS:

Explore the world of farm animals.

Exhibit requirements: Exhibit one of the following: a story about a farm animal or a farmer, a poster about farm animals, a model of a farm animal, rewrite a fairy tale using farm animals, or an idea from the manual.

FOODS:

You will learn how to mix and measure ingredients, plus learn how to make a no-bake cookie.

Exhibit Requirements: You should exhibit one of the following: peanut butter sandwich, popcorn snack, no bake cookies, kitchen safety poster, food pyramid poster or marshmallow treats.

FORESTRY:

Learn about trees, the wood they make and the animals that live in trees.

Exhibit Requirements: Exhibit one of the following on a 14" X 22" poster displayed horizontally: the parts of a tree, the uses of wood, animal tree homes, types of trees, leaf collection or leaf rubbings. Other exhibit options are listed in the manual.

GARDENING:

You will learn how to plant and care for your garden. Be sure to do the work yourself.

Exhibit Requirements: You should exhibit one of the following: a plate of three vegetables, a plant in a pot, a vegetable scrapbook, or a Chia pet.

HORSE & PONY:

You will learn: how to groom, identify parts, safety rules, types of tack, breeds of horses, and the needs of your horse.

Exhibit Requirements: Your exhibit will consist of a 14" x 22" horizontal poster and have a title "Mini Horse & Pony". Please refer to your manual for details. You will also have the opportunity to participate in the Mini Horse & Pony Show.

MODELS:

In this project you will learn how to put together a model kit of the snap type requiring no gluing. You may pick out a model boat, car, airplane or whatever you want.

Exhibit Requirements: You should exhibit one of the following: a snap together model, a model made from clay or popsicle sticks, a model with a background, a model made of different things like legos or toothpicks.

ME & MY PET:

In this project you will learn about selecting a pet, it's safety, shelter, food, exercise and all about caring for an animal you love.

Exhibit Requirements: You will exhibit a 14" X 22" horizontal poster or a notebook about your special pet.

PLANTS & FLOWERS:

Learn about plants and their special needs. Do great experiments with plants. You will also learn about different flowers.

Exhibit Requirements: Exhibit one of the following: 3 cut flowers in a vase, a flowering plant, a house plant, a cacti, a colored flower, a 14" X 22" poster on the parts of a flower, a flower notebook, or a plant maze.

POULTRY:

Learn about poultry through a manual and/or hands on.

Exhibit Requirements: You may do a 14" x 22" poster or bring a live chicken to the fair. If bringing a chicken to the fair is your choice, it will need to be banded and blood tested. You must have possession by May 15.

RABBIT:

Learn how to care for a rabbit by attending rabbit club meetings and participating in rabbit club activities.

Exhibit Requirements: You will bring a rabbit to the fair for the show only. Unless you are using an entry for an older rabbit member, mini 4-H rabbits do not stay during the fair. Your rabbit will need to be ear tattooed and in your possession by May 15.

SEWING:

Collect the basic tools for sewing-which will be your sewing kit. You will learn how to sew by hand or machine.

Exhibit Requirements: You should exhibit one of the following: a sewing kit, pin cushion, Cool Cat or Honey Bear, machine practice pages or a throw pillow. Pillow may be any size.

SUN, STARS & SPACE:

Have fun learning about the sun, planets, and exploring space.

Exhibit Requirements: Exhibit one of the following: a planet mobile (ready to hang), a model of a planet or moon hit by asteroids, a model of a comet, or choose from ideas in manual.

WHALES & DOLPHINS:

Learn about the popular types of whales and dolphins, the parts of the whale, whale songs and the learning dolphin.

Exhibit Requirements: Exhibit one of the following: a whale or dolphin scrapbook, a whale or dolphin model, a 14" X 22" poster showing the size of a whale, or a whalarama.

WILDLIFE:

Learn to identify birds and mammals. In this project you will be supplied the pictures to color and cutout for your poster.

Exhibit Requirements: You should exhibit one of the following: a birds of Indiana poster, a bird feeder, a bird watching chart, an insect collection, or idea from manual.

AEROSPACE

**Exhibit due Wednesday prior to the fair
This project eligible for State Fair**

The 4-H aerospace program provides youth with educational information about aerospace that develops project skills (i.e., principles of flight, model rocket construction, model rocket safety) and life skills (i.e., decision-making, using science and technology, developing communication skills). These fun-filled, hands-on learning experiences are provided under the direction of caring adults.

Exhibit Requirements

1. Keep records of the flights you have made with your rocket.
2. Exhibit your rocket at the County Fair without an engine. You are to follow the instructions provided by the manufacturer. The instruction sheet must accompany rocket to the fair.
3. A kit rocket must have a specific skill level designated on the package. It is not at the 4-H member's discretion to substitute a level for a kit which has no skill level specified on the package. If the rockets with nonspecific skill level are designated for the advanced rocket builder, they may not be entered in Division 1 or 2. Rockets of this nature will be subject to disqualification if entered in these divisions.
4. Rockets may be exhibited with a base, but launch pads are not permitted. All rockets must weigh less than 3.3 pounds and considered an amateur rocket according to FAA regulations.
5. Remote control aircraft or drones may be constructed from a kit or purchased ready-to-fly.

Poster Preparation

- All posters will be 22x28 inches and displayed horizontally with the 28 inches across. Vertical posters will be dropped one ribbon placing.
- All 4-H posters must use foam core board. This material can be used as the poster or can have a poster board attached to it.
- Foam core board may be purchased from the Extension Office. If purchased elsewhere, make sure your purchase is 22x28 inches.
- Poster sleeves and salon print sleeves are available for purchase from the Extension Office and recommended. You may cover your poster with other clear plastic that is heavy enough not to wrinkle. Do not use saran wrap.
- All posters must have hook tape secured to the back of the poster along the edges. Hook tape may be purchased from the Extension Office. Please secure the tape 24 hours in advance for best adhesion.
- Project/exhibit labels from the Extension Office must be attached to the lower right hand corner of the poster after covering with plastic. Please allow room for this label when organizing your poster presentation.
- **All posters, notebooks, and display boards must include a reference list indicating where information was obtained, giving credit to the original author, to complete the 4-H member's exhibit.**

Requirements: Beginner, Grades 3-5

Exhibit a rocket of your choice, Estes Skills Level 1, 2, or comparable difficulty or a poster, display board on any topic in the manual (i.e., construct a paper airplane with a poster board explaining why you designed it the way you did). Cluster engine rockets and rockets that take an engine D or above are not permitted in this level.

Remote control aircraft or drone of your choice that is age/grade appropriate and compliant with FAA regulations, federal and state laws, and local ordinances. This exhibit choice is to include a notebook or poster including how the aircraft/drone was used and aerospace skills learned. Displaying the aircraft or drone is optional.

Requirements: Intermediate, Grades 6-8

Exhibit a rocket or other aerodynamic object of your choice, Estes Skills Level 2, 3, or comparable difficulty or poster, display board on any topic in the manual (i.e., glider plane (page 18) with poster explaining design). Cluster engine rockets and rockets that take an engine E or above are not permitted in this level.

Remote control aircraft or drone of your choice that is age/grade appropriate and compliant with FAA regulations, federal and state laws, and local ordinances. This exhibit choice is to include a notebook or poster including how the aircraft/drone was used and aerospace skills learned. Displaying the aircraft or drone is optional.

Requirements: Advanced, Grades 9-12

Exhibit a rocket of your choice, Estes Skills Level 3 or above, a Box kite or other aerodynamic object of your choice which illustrates principles of flight or poster, display board on any topic in the manual (i.e., box kite (page 20) with poster explanation). Rockets that take an engine G or above are not permitted.

Remote control aircraft or drone of your choice that is age/grade appropriate and compliant with FAA regulations, federal and state laws, and local ordinances. This exhibit choice is to include a notebook or poster including how the aircraft/drone was used and aerospace skills learned. Displaying the aircraft or drone is optional.

ANIMAL: POSTER

Exhibit due Wednesday prior to the fair

This project is has some exhibit that are eligible for State Fair

Poster Preparation

- All posters will be 22x28 inches and displayed horizontally with the 28 inches across. Vertical posters will be dropped one ribbon placing.
- All 4-H posters must use foam core board. This material can be used as the poster or can have a poster board attached to it.
- Foam core board may be purchased from the Extension Office. If purchased elsewhere, make sure your purchase is 22x28 inches.
- Poster sleeves and salon print sleeves are available for purchase from the Extension Office and recommended. You may cover your poster with other clear plastic that is heavy enough not to wrinkle. Do not use saran wrap.
- All posters must have hook tape secured to the back of the poster along the edges. Hook tape may be purchased from the Extension Office. Please secure the tape 24 hours in advance for best adhesion.
- Project/exhibit labels from the Extension Office must be attached to the lower right hand corner of the poster after covering with plastic. Please allow room for this label when organizing your poster presentation.
- **All posters, notebooks, and display boards must include a reference list indicating where information was obtained, giving credit to the original author, to complete the 4-H member's exhibit.**

It is recommended/suggested that all posters, notebooks, and display boards include a reference list indicating where information was obtained, giving credit to the original author, to complete the 4-H members exhibit. This reference list should/might include web site links, people and professionals interviewed, books, magazines, etc. It is recommended this reference list be attached to the back of a poster or display board, be the last page of a notebook, or included as part of the display visible to the public. A judge is not to discredit an exhibit for the manner in which references are listed or a lack thereof.

Posters will be broke out into the following divisions.

Junior, Grades 3-5

Intermediate, Grades 6-8

Senior, Grades 9-12

Cat Poster

Requirements: Junior, Grades 3-5

Exhibit a cat poster. Suggested Topics: Cat care, cat breeds, litter-training, treating my cat with care and respect, cat responsibilities, grooming skills, training my cat, neutering/spaying, determining cat costs, traveling with my cat, my cat's safety.

Requirements: Intermediate, Grades 6-8

Exhibit a cat poster. Suggested Topics: National cat fancier associations, a cat clinic, training with extra praise, careers related to cats, should my cat have kittens?, feeding my cat, things I've learned, insect pests, symptoms of ill health, my visiting pet therapy program, cats get old too!, saying good-bye.

Requirements: Senior, Grades 9-12

Exhibit a cat poster. Suggested Topics: understanding a cat show, planning a cat business, cat genetics, cat organs and systems, exploring careers, learning about leadership, teaching others, having fun learning, protecting our environment, issues of animal welfare/rights.

Dog Poster

Purpose: To promote an educational, creative, dog related 4-H exhibit.

A dog poster should be designed to teach those who view it, about the selected topic. 4-Hers are encouraged to seek assistance from their 4-H Dog program leaders, the County Extension Office staff, the Internet, and the Public Library. Posters must be 22" x 28" highlighting an educational topic about dogs.

Llama Craft Exhibit

- Llama/Alpaca Fiber Crafts - Exhibit will be judged on craftsmanship only. Crafts must have been made within one (1) year of exhibit. Any craft item constructed with llama or alpaca fiber may be entered. Craft may also contain other materials. Fiber may be processed (felted, spun, etc.) or unprocessed, and may be originated from any llama or alpaca. Exhibits will consist of one (1) completed craft item, which can be a single item or a set, and a notebook explaining how the craft was made.

Llama Poster Educational Exhibit

- Posters will be judged on theme, construction, style and language. Posters must have been constructed within one (1) year of exhibit and must follow general state poster guidelines
- Each poster must have been made by the 4-H member enrolled in the current year's 4-H program.
- Standards of evaluation:
 - content and information (accuracy and completeness) - 40 points
 - originality and creativity (attracts interest, encourages thought) - 25 points
 - overall appearance/appealing (neatness, arrangement, background, workmanship, attention to detail) - 15 points
 - suitable subject and age appropriate (matches child's age and ability) - 10 points
 - conveys message/accomplishes purpose - 5 points
 - meets exhibit requirements - 5 points
 - Total - 100 points

POULTRY POSTERS & SCIENCE DISPLAY

1. Members have the opportunity to make a poster or science display instead of showing a poultry, or in addition to showing a poultry.
2. Posters and science display are to be entered in the 4-H building during the Saturday non-perishable judging.
3. Posters should be informative and from one of the following subjects:
 - a. Breeds and Characteristics
 - b. Feeding and care
 - c. Housing
 - d. Eggs
4. Poultry Science Display
 - a. Develop an idea and build it into an attractive display as well as learn the technical aspect of some part of the poultry industry.
5. Posters and science display must have a 3x5 file card listing resources used in making the poster attached to the back of the poster in the center.
6. A champion and a reserve champion will be awarded in the poster project. Posters will be judged as blue, red, or white.
7. Posters should follow the regulations for the posters in the general 4-H rules.
8. Poultry science displays must occupy a space no larger than 30" deep x 48" wide x 72" high.
9. Poultry poster and science display premiums are the same as all entries in the 4-H building.

RABBIT POSTERS

1. Members have the opportunity to make a poster instead of showing a rabbit, or in addition to showing a rabbit.
2. Posters are to be entered in the 4-H building during the Saturday non-perishable judging.
3. Posters should be informative and from one of the following subjects:
 - a. Breeds and Characteristics
 - b. Feeding and care
 - c. Housing
 - d. Having litters
4. Posters must have a 3x5 file card listing resources used in making the poster attached to the back of the poster in the center.
5. A champion and a reserve champion will be awarded in the poster project. Posters will be judged as blue, red, or white.
6. Posters should follow the regulations for the posters in the general 4-H rules.
7. Rabbit poster premiums are the same as all entries in the 4-H building.

ARTS AND CRAFTS

**Exhibit due Wednesday prior to the fair
This project is eligible for State Fair**

- A. Member can exhibit two articles in each of the craft categories, each must be a different media.
- B. Exhibits will be judged according to usefulness, originality, choice of material, suitability or design, workmanship, finish and use of color.
- C. ALL CRAFT EXHIBITS MUST BE READY TO USE - pictures framed and ready to hang, rugs bound or have suitable finished edge. Those that are not will be marked down one placing when judged.
- D. Two State Fair entries will be selected from the craft categories listed below, except Other Crafts which has 4 total entries.
- E. Attach to project- 4-H-618A-W"4-H Craft Information Card" for description of work completed on the project.

Exhibit Levels:

- Level 1, Grades 3-5
- Level 2, Grades 6-8
- Level 3, Grades 9-12

CRAFT CATEGORIES:

Fine Arts: Oil, charcoal, pastels, pencil, ink, acrylic or watercolor - on canvas, canvas board or paper - framed as a picture and prepared for hanging. Canvas art on a wooden frame is considered prepared for hanging provided that frame has a hanger.

Needle Crafts: (Handwork) Knitting, embroidery, crocheting, needlepoint, crewel, candle wicking, chicken scratching, hand quilting, tatting, huck embroidery, hemstitching; also pulled, drawn and counted thread work and punch needle work. Does not include latch hook, plastic canvas, machine knitting or machine quilting or arm knitting/crocheting.

Other Crafts: May not include any crafts included in the two classes listed above. Latch hook, jewelry, beading, machine knitting and machine quilting are considered as an Other Craft.

Model Crafts: see next section. No die cast models accepted. Lego type models exhibited in Construction Toys.

MODEL CRAFTS rules:

All Grades

1. Types of models that may be entered include car, truck, boat, plane, or miscellaneous.
2. No snap-tight or metal die cast may be used.
3. Any scale model may be used.
4. Display cases may only be used for grades 7 and above.
5. If the model is being built from a kit, include a copy of the instructions with the craft information card.

Exhibits must be a small scale replica and meet the following criteria:

- Must be of injected styrene plastics
- At least 25% of the exhibit must be painted
- Wood, paper, clay, die-cast, or snap together models are not permitted
- Screws are not permitted
- Pre-painted or pre-decaled factory models are not permitted
- Legos are not considered models and are to be exhibited as Construction Toys

All Exhibits must include original box, completed model, and instruction sheet for completing the model. Projects will be marked down one placing if not complete.

ARTS & CRATS: CARD MAKING

Exhibit due Wednesday prior to the fair

This project not eligible for State Fair

In this project you will make your own standard size (4¼" x 5½") greeting cards. Cards must be created by and handmade by the 4-H'er. Cards may be inspired by a project seen elsewhere but the finished item should be your own design. Cards will not be printed on the computer.

Display information: Participant's name is to be written on the back of every item for identification. Each item will need to be temporarily attached to ½ sheet of foam board (22"x14") with Velcro, sticky tac, or some other method. The board needs to be displayed VERTICALLY. The finished board will need a poster project label/tag on the front in the UPPER right-hand corner. These exhibits are displayed standing up against the wall on tables. Do not cover boards with plastic so the judge and public can see inside your creations.

Requirements: Beginner, Grades 3-5

Exhibit 5 homemade cards of standard card size with either a single top or side fold. The cards may be made for any occasion.

Requirements: Intermediate, Grades 6-8

Choose an event and exhibit 5 handmade cards/ paper projects for that special occasion. Exhibit will include an invitation card, greeting card, thank you card, gift tag, and a choice item.

Requirements: Advanced, Grades 9-12

Exhibit 5 handmade cards. One basic card will show how your skills have improved and the other 4 cards will showcase your developing artistic skills

ARTS & CRAFTS: FARM SCENE

Exhibit due Wednesday prior to the fair

This project not eligible for State Fair

Requirements: Level A, Grades 3-4

Exhibit a farm scene display 24" x 36" built on rigid wood. The display is limited to field tilling (plows, disks, or planting). Roads, lanes, trees, fence rows, and back drop may be used to set off field or trees.

Requirements: Level B, Grades 5-6

Exhibit a farm scene display 24" x 36" built on rigid wood. The display is limited to any type of field work (tilling or harvesting). Roads, lanes, trees, fence rows, animals, and back drop may be used.

Requirements: Level C, Grades 7-9

Exhibit a farm scene display 36" x 36" built on rigid wood. This display may be of any type of farm. (Example: Farmstead (buildings, grain handling equipment, field work, and harvesting.)

Requirements: Level D, Grades 10-12

Exhibit an agricultural display of things other than farmstead or farm tillage. Displays are to be a minimum of 24" x 24" to a **maximum of 36" x 36"** and must be built on rigid wood. (Examples: Livestock auctions, farm equipment dealerships, agriculture educational events, agricultural field days, and other displays of your imagination.

ARTS AND CRAFTS: GIFT WRAPPING

Exhibit due Wednesday of the fair
This project is not eligible for State Fair

General Requirements:

- Package must have exhibit label attached.
- Package should not contain a gift.
- Package should contain a weight according to size, i.e. baggie of sand.
- One exhibit per person.
- Exhibits using purchased bows will be discounted
- Exhibit package must have been wrapped by 4-H'er since the end of the previous year.

ALL DIVISIONS: All packages must be labeled according to the directions in the manual.

Requirements: Division 1 – Grade 3 One simple wrapped box, square and or rectangular, including bows you made by yourself.

Requirements: Division 2 – Grade 4 One wrapped cylinder-shaped package with a finished-flat end, using commercial paper. Show creativity in materials you choose.

Requirements: Division 3 – Grade 5 One square, rectangle or cylinder shaped package. Design your own paper.

Requirements: Division 4 – Grade 6 One square, rectangle or cylinder shaped package. Top must be wrapped separately, include liner for box.

Requirements: Division 5 – Grade 7 One wrapped package using any material other than homemade or commercial paper and bows, for example fabric, bubble wrap, cardboard, etc.

Requirements: Division 6 – Grade 8 One, self-made bag, decorated and filled with tissue for display.

Requirements: Division 7 – Grade 9 One, odd shaped package wrapped in commercial paper or your own paper. Shape may be heart, round, octagon, diamond, etc.

Requirements: Division 8 – Grade 10 One package - must be a container that is not box like, using a variety of wrapping materials, i.e. flower pot, boot.

Requirements: Division 9 – Grade 11 Set of packages, not more than three, in a tier effect, using any type of gift wrap.

Requirements: Division 10 – Grade 12 Free choice – one package using skills from above divisions

ARTS & CRAFTS: RECYCLING

Exhibit due Wednesday prior to the fair

This project eligible for State Fair

State Fair legibility: Grand Champion & Reserve Grand Champ projects are eligible to go to State Fair.

Poster Preparation

- All posters will be 22x28 inches and displayed horizontally with the 28 inches across. Vertical posters will be dropped one ribbon placing.
- All 4-H posters must use foam core board. This material can be used as the poster or can have a poster board attached to it.
- Foam core board may be purchased from the Extension Office. If purchased elsewhere, make sure your purchase is 22x28 inches.
- Poster sleeves and salon print sleeves are available for purchase from the Extension Office and recommended. You may cover your poster with other clear plastic that is heavy enough not to wrinkle. Do not use saran wrap.
- All posters must have hook tape secured to the back of the poster along the edges. Hook tape may be purchased from the Extension Office. Please secure the tape 24 hours in advance for best adhesion.
- Project/exhibit labels from the Extension Office must be attached to the lower right hand corner of the poster after covering with plastic. Please allow room for this label when organizing your poster presentation.
- **All posters, notebooks, and display boards must include a reference list indicating where information was obtained, giving credit to the original author, to complete the 4-H member's exhibit.**

Requirements: Beginner, Grades 3-5

Select one of the following to exhibit. (Do a different exhibit each year.)

1. Exhibit a useful or decorative item you have recycled from household trash.
2. A poster on one of the following:
 - a. a recycling center in your home
 - b. how to prepare newspapers for recycling
 - c. explain the three "R's" of recycling
 - d. explain the recycling symbols
 - e. read a magazine article and make a poster on the topic covered
 - f. Do a "mini landfill" and report your findings after 6 months
 - g. Set a up a recycling center for you or your family and make a poster on the results.

Requirements: Intermediate, Grades 6-8

Select one of the following to exhibit: (Do a different exhibit each year.)

1. Exhibit TWO separate useful or decorative items you have recycled from household trash.
2. A poster or a notebook on one of the following:
 - a. how to identify plastics for recycling
 - b. how to conserve and recycle water
 - c. how to prepare glass for recycling
 - d. how to prepare cardboard for recycling
 - e. identify excessive packaging and how to reduce, using at least three items
 - f. how to make a compost pile
 - g. how to identify aluminum products and which ones can be recycled
 - h. set a up a recycling center for you or your family and make a poster on the results (should not be the same household used in previous years).
3. Do a community recycling project i.e. neighborhood clean-up, adopt a highway.

Requirements: Advanced, Grades 9-12

Select one of the following to exhibit: (Do a different exhibit each year.)

1. Exhibit THREE separate useful or decorative item you have recycled from household trash.
2. A poster or a notebook on one of the following:
 - a. list of household hazardous waste
 - b. how you recycle on your farm
 - c. recycling batteries
 - d. cloth versus disposable diapers
 - e. landfills
 - f. disposing of old tires
 - g. disposing of used oil
 - h. disposing of junk cars
 - i. disposing of old appliances
 - j. disposing of industrial waste
 - k. disposing of farm chemical waste
 - l. septic systems operations and problems
 - m. set a up a recycling center for you or your family and make a poster on the results (should not be the same household used in previous years).
3. Do a community recycling project i.e. neighborhood cleanup, adopt a highway.
4. Volunteer with your community's earth day or solid waste district educational program and do a poster on your activities.

ARTS AND CRAFTS: WEARABLE ART

Exhibit due Wednesday prior to the fair

This project not eligible for State Fair

Wearable Art can be created on just about anything. Some techniques include tie dye, batik, stenciling, quilting, iron-on transfers, etc. Attach a 3x5 card to your exhibit briefly describing the exhibit in terms of what techniques you used. Only one item will be judged in the beginner and intermediate levels. A single item or number of items to complete an outfit will be judged in the Advanced level. Designs may be applied to a purchased or constructed item of apparel but cannot be added to from year to year.

Requirements: Beginner, Grades 3-5

Exhibit one item with a simple design

Requirements: Intermediate, Grades 6-8

Exhibit one item with a design of additional colors and methods of application

Requirements: Advanced, Grades 9-12

Exhibit a more complicated design and methods of application on a single item OR on one complete outfit.

BEEKEEPING

**Exhibit due the Saturdays prior to the fair
This project is eligible for State Fair**

1. Create an exhibit that shows the public what you learned in the beekeeping project this year. Posters are to be displayed horizontally, sized 22" x 28", mounted on a firm backing (foam-core board or other), and covered in clear plastic or other transparent material. Choose one of the topics listed below, appropriate for your grade in school, and use that topic for your exhibit title, so the judges know which activity you completed. You can also use a creative sub-title if you wish.
2. **NO BEEHIVES WILL BE EXHIBITED.**

Notes:

- **There are no grade specifications for beekeeping exhibits.**
- No bee hives may be brought to the County or State Fair
- Honey water content will be measured.
- Fill level: the honey should be filled to the jar shoulder, not over, nor under.
- Chunk honey should go in a wide-mouth jar, preferably one specially made for chunk honey (see beekeeping catalogs).
- Be careful to distinguish "chunk honey" (comb in jar) from "cut comb" (comb only in box).
- Honey (including chunk, cut comb and comb) must be collected since the previous county fair.

It is required that all posters, notebooks, and display boards include a reference list indicating where information was obtained, giving credit to the original author, to complete the 4-H member's exhibit. This reference list should/might include web site links, people and professionals interviewed, books, magazines, etc. It is recommended this reference list be attached to the back of a poster or display board, be the last page of a notebook, or included as part of the display visible to the public. A judge is not to discredit an exhibit for the manner in which references are listed or a lack thereof.

Requirements: Division 1, (may do 1 to 2 years.)

Present one of the following topics on a poster, as specified above

1. Flowers used to make Honey- display pressed flowers from ten (10) different Indiana plants.
2. Uses of Honey and Beeswax.
3. Setting up a Bee Hive.
4. Safe Bee Handling
5. Any other Beekeeping related topic.

See manual 4-H 571-W.

One entry per county to State Fair

Requirements: Division 2, (may do 1 to 2 years.)

Present one of the following topics on a poster, as specified above

1. **Extracted honey** - 2 one-pound jars, shown in glass or clear plastic, screw-top jars holding 1 pound of honey each.
2. **Chunk honey** (comb in jar) - 2 one-pound jars (>wide-mouth glass or clear plastic).
3. **Cut-comb honey** - 2 one- pound boxes (These are usually 4 1/2" x 4 1/2" in size)
4. **Working with Honey Bees** - Present a topic from your manual to teach fair goers about working with honey bees. Use your knowledge and creativity to display this information on a poster or in a notebook. Posters must follow the guidelines listed above.

See manual 4-H 586-W.

There is no limit on the number of exhibits a county may enter in Division 2, but only one exhibit per 4-H member is allowed at the State Fair.

Requirements: Division 3, (may do multiple years.)

Exhibit two of the four kinds of honey listed below (#1-4) or prepare an educational display about honey bees or beekeeping (#5).

1. **Extracted Honey** - 2 one-pound jars (glass or clear plastic).
2. **Chunk Honey** (comb in jar) - 2 one-pound jars (wide-mouth - glass or clear plastic).
3. **Cut-comb Honey** - 2 one-pound boxes. Boxes are usually 4 1/2" x 4 1/2"
4. **Comb Honey** - 2 sections (honey built by bees in frames of wood commonly called "sections." Boxes are usually 4 1/2" x 4 1/2" in size)
5. **Prepare an educational display** about honey bees or beekeeping.

See manual 4-H 593-W.

There is no limit on the number of exhibits a county may enter in Division 3, but only one exhibit per 4-H member is allowed at the State Fair.

Requirements: Independent, Grades 9-12

- Advanced topic - Learn all you can about a beekeeping topic and present it on a poster. Include a short manuscript, pictures, graphs, and list the works cited to describe what you did and what you learned. Title your poster, "**Advanced Beekeeping - Independent Study.**"
- Mentoring - Exhibit a poster that shows how you mentored a younger 4-H member. Include your planning, the time you spent, the challenges and advantages of mentoring, and how the experience might be useful in your life. Photographs and other documentation are encouraged. Title your poster, "**Advanced Beekeeping - Mentor.**"

One entry per county to State Fair

BICYCLE

**Exhibit due Wednesday prior to the fair
This project not eligible for State Fair**

Read and learn about bicycles: history, parts, maintenance, safety, and skills. You will learn about a bike hike and play bicycle games.

Poster Preparation

- All posters will be 22x28 inches and displayed horizontally with the 28 inches across. Vertical posters will be dropped one ribbon placing.
- All 4-H posters must use foam core board. This material can be used as the poster or can have a poster board attached to it.
- Foam core board may be purchased from the Extension Office. If purchased elsewhere, make sure your purchase is 22x28 inches.
- Poster sleeves and salon print sleeves are available for purchase from the Extension Office and recommended. You may cover your poster with other clear plastic that is heavy enough not to wrinkle. Do not use saran wrap.
- All posters must have hook tape secured to the back of the poster along the edges. Hook tape may be purchased from the Extension Office. Please secure the tape 24 hours in advance for best adhesion.
- Project/exhibit labels from the Extension Office must be attached to the lower right hand corner of the poster after covering with plastic. Please allow room for this label when organizing your poster presentation.
- **All posters, notebooks, and display boards must include a reference list indicating where information was obtained, giving credit to the original author, to complete the 4-H member's exhibit.**

Requirements: All Divisions, Grade 3-12

Exhibit a 22"x28" poster on an activity in the manual.

CAKE DECORATING

Exhibit due Saturday prior to the fair
This project has exhibits eligible for State Fair.
Cupcakes are not eligible for State Fair.

State Fair Exhibit Guidelines: (Knox County follows these rules also)

The cake decorating subject provides skills-based educational experiences that provide an opportunity for mastery before building on that experience to develop more advanced skills. This subject area is divided into three levels: Beginner (Grades 3-5), Intermediate (Grades 6-8), and Advanced (Grades 9-12). While the defined grades are intended to be a guide, older youth enrolled in this subject for the first time may start in a lower grade skill level with permission by the county extension educator, followed by an appropriate level the following year.

Skills and techniques demonstrated should be age/grade appropriate. While it is not to say a beginner level member cannot master an advanced level skill, it would be rare and unique. Therefore, exhibited cakes must demonstrate the minimum five techniques from their given level outlined in Indiana 4-H Cake Decorating Skills and Techniques, 4-H 710A, but may also include higher/lower level techniques that have been mastered. Any higher/lower level techniques will not be counted as part of the minimum five, but nevertheless will be evaluated for quality. All exhibited cakes must be created using a Styrofoam, foam, or other solid dummy. Unless otherwise stated, cakes are to be iced using royal icing or buttercream. Buttercream icing will not withstand environmental conditions and may become soft, melt, not withhold its shape, and colors may bleed when being displayed an extended period of time. When displaying a cut-up cake or tiered cake, the exhibitor must include a diagram and description indicating how the cake was assembled. This diagram and description can be attached to or written on the skills sheet. All exhibits must include a completed Cake Decorating Skills Sheet (4-H 710) and must accompany the cake for the judge's reference during judging.

Cupcake: ALL projects must be on a solid display board such as cardboard or wood. ALL display boards must measure 3-4 inches larger than the cupcake display. Boards should be covered. Icing must be used in your project; however, artificial items may also be used. Items that are edible must be attached naturally; artificial items may be attached to your display using glue, wire, etc.

Beginner, Grade 3-5

State Fair - Requirements:

Cakes must be on a cake board approximately 3/8" thick and 2-4" larger than the cake. For example, if the cake is 8" in diameter, then the cake board must be 10-12" in diameter. The cake board must be neatly covered and well taped or otherwise attached underneath. Cakes exhibited in the beginner level are to be a single tier/layer, no more than 5" tall, and may be round, square, or rectangular and the cake board is to be no more 12"x12". A minimum of five beginner level skills are to be demonstrated. A list of skills to choose from can be found on the Indiana 4-H Cake Decorating Skills and Techniques, 4-H 710A sheet.

Cupcake – County Only Requirements:

Display 6 individually decorated cupcakes. Cupcakes must be displayed in a single layer, on a solid display board. **Your cupcake display area must not exceed an 18"x18"x18" display area.**

Intermediate, Grades 6-8

State Fair - Requirements:

Cakes must be on a cake board approximately 3/8" thick and 2-4" larger than the cake. For example, if the cake is 9"x13" rectangular, then the cake board must be 11"x15" to 13"x17" rectangular. The cake board must be neatly covered and well taped or otherwise attached underneath. Cakes exhibited in the intermediate level are to be a single or double tier/layer, no more than 12" tall and may be any shape. Youth may choose to decorate an inverted (upside down) character pan or create a 3-dimensional cake. It is also permissible to cut-up pieces of Styrofoam, foam, or other solid material to create a new shape, like a butterfly or castle for example. The cake board is to be no more than 24"x24". A minimum of five intermediate level skills are to be demonstrated and the cake may include additional skills from the beginner level. A list of skills to choose from can be found on the Indiana 4-H Cake Decorating Skills and Techniques, 4-H 710A sheet.

Cupcake – County Only Requirements:

Display 12-18 cupcakes, decorated in a theme. Cupcakes may be decorated individually or as a group, as long as the theme is carried out in your display. Your cupcake display area must not exceed a 24"x24"x24" display area. No matter your display, your cupcake project MUST be presented on a solid display board.

Advanced, Grades 9-12

State Fair - Requirements:

Cakes must be on a cake board approximately 1/2" thick and 4" larger than the base cake. For example, if the cake is 26" in diameter, then the cake board must be 30" in diameter. The cake board must be neatly covered and well taped or otherwise attached underneath. Cakes exhibited in the advanced level may be multiple layer and/or tiered and may include multiple cakes, like a wedding cake. Youth may choose to create a character or 3-dimensional cake by cutting-up pieces of Styrofoam, foam, or other solid material to create a new shape. Dowel rods, plates, etc. should be used to support multiple layers and tiers. Fondant icing, gum, and sugar paste is permissible. Cakes may be any shape, no more than 36" tall and the cake board is to be no more than 36"x36". A minimum of five advanced level skills are to be demonstrated and the cake may include additional skills from the beginner and intermediate levels. A list of skills to choose from can be found on the Indiana 4-H Cake Decorating Skills and Techniques, 4-H 710A sheet.

Cupcake – County Only Requirements:

Display **24–36** cupcakes, decorated in a theme. Cupcakes may be decorated individually or as a group, as long as the theme is carried out in your display. Your cupcake display area must not exceed a **30"x30"x30"** display area. No matter your display, your cupcake project MUST be presented on a solid display board.

CHILD DEVELOPMENT
Exhibit due Wednesday prior to the fair
This project is eligible for State Fair

Uses instructional materials that deal with young children at different ages (i.e., infants, toddlers, pre-school) and baby-sitting. Characteristics of various ages are studied and followed by observations and interactive activities.

Here are details for each exhibit option:

Poster:

- All posters will be 22x28 inches and displayed horizontally with the 28 inches across. Vertical posters will be dropped one ribbon placing.
- All 4-H posters must use foam core board. This material can be used as the poster or can have a poster board attached to it.
- Foam core board may be purchased from the Extension Office. If purchased elsewhere, make sure your purchase is 22x28 inches.
- Poster sleeves and salon print sleeves are available for purchase from the Extension Office and recommended. You may cover your poster with other clear plastic that is heavy enough not to wrinkle. Do not use saran wrap.
- All posters must have hook tape secured to the back of the poster along the edges. Hook tape may be purchased from the Extension Office. Please secure the tape 24 hours in advance for best adhesion.
- Project/exhibit labels from the Extension Office must be attached to the lower right hand corner of the poster after covering with plastic. Please allow room for this label when organizing your poster presentation.
- **All posters, notebooks, and display boards must include a reference list indicating where information was obtained, giving credit to the original author, to complete the 4-H member's exhibit.**

Binder notebook:

- Identification label on front of binder giving name of 4-H member, club, grade, and year in project
- Title page inside binder naming activity (or activities in Level C & D)
- Pages of activity and explanation to follow title page
- Photographs are helpful to show the activity being used or assembled
- Optional: Plastic sheet protectors, page decorations, binder cover decoration, etc.

Display:

- May be table top or floor style, not to exceed 36" x 36" x 36" (Display may include item(s) made in the activities you completed this year.) Toys fall under the display category.
- Must be self-supporting to be viewed by the public

Action Demonstration:

An action demonstration is a fun way to share what you have learned with others. The key is getting your audience involved in doing what you are doing, not just showing them. An action demonstration can be given anywhere there are a lot of people, such as a county or state fair, a shopping mall, or any community event. A 4-H meeting or a Junior Leader meeting is also a great place to give a demonstration.

An action demonstration can be on almost any topic. Here are some questions to ask yourself when choosing a topic:

- Is it something that can be given in 3-5 minutes?
- Is it something that would interest the general public?
- Is there something "hands on" for the audience to do?
- Can the supplies for the "hands-on" activity be used over and over again, or will they have to be replaced every time? (Note: If they have to be replaced, this will add to the cost.)

Your demonstration should last about 3-5 minutes, and you may need to do it over and over with many different people. There is no prepared speech in an action demo; it is a two-way conversation.

Your goal is to involve the audience, and you can do this by having them:

- Do what you are doing.
- Play a game.
- Answer questions.
- Do a hands-on-activity.

There are some ideas that would be good for demonstrations in the manual. A checklist for a good action demonstration is included in the manual.

Requirements: Level A, grades 3-4

Suggested Learning Experiences

Exhibit

Choose one of the following to exhibit.

1. Choose one activity that you completed in this level. Design a 22 x 28-inch poster or a binder notebook that shows or tells what you did with this activity.
2. Create a display no larger than 36 x 36 x 36 inches using one of the activities from your project manual. Complete an Activity Card and attach it to the exhibit. A sample Activity Card is on page 40. Use a 5 x 8 index card or larger cardstock to create your card.
3. Action Demonstration -- You may present an action demonstration for your project completion requirement.

Requirements: Level B, grades 5-6

Suggested Learning Experiences

Exhibit

Choose one of the following to exhibit.

1. Choose one activity that you completed in this level. Design a 22 x 28-inch poster or a binder notebook that shows or tells what you did with this activity.
2. Create a display no larger than 36 x 36 x 36 inches using one of the activities from your project manual. Complete an Activity Card and attach it to the exhibit. A sample Activity Card is on page 40. Use a 5 x 8 index card or larger cardstock to create your card.
3. Action Demonstration -- You may present an action demonstration for your project completion requirement.

Requirements: Level C, grades 7, 8, 9

Suggested Learning Experiences

Exhibit

1. Design a 22 x 28 inch poster based on one of the activities you completed in your manual or one that promotes physical, emotional or cognitive skills.
2. Display a binder notebook that includes the information from one of the activities you completed this year.
3. Create a display no larger than 36 x 36 x 36 inches using one of the activities from your project manual or one that promotes physical, emotional or cognitive skills. Complete an Activity Card and attach it to the exhibit. A sample Activity Card is on page 40. Use a 5 x 8 index card or larger cardstock to create your card.
4. Action Demonstration -- You may present an action demonstration for your project completion requirement.

Requirements: Level D, Grades 10, 11, 12

Suggested Learning Experiences

Exhibit

Choose one of the following to exhibit.

1. Design a 22 x 28 inch poster based on one activity you completed in your manual or one that promotes physical, emotional, or cognitive skills.
2. Display a binder notebook that includes the information based one of the activities you completed this year.
3. Create a display no larger than 36 x 36 x 36 inches using one of the activities from your project manual or one that promotes physical, emotional, or cognitive skills. Complete an Activity Card and attach it to the exhibit. A sample Activity Card is on page 40. Use a 5 x 8 index card or larger cardstock to create your card.
4. Action Demonstration -- You may present an action demonstration for your project completion requirement.

COLLECTIONS & HOBBIES

Exhibit due Wednesday prior to the fair

This project not eligible for State Fair

Collections can be defined as the gathering of similar articles, objects, etc. The collectible items listed in the Collections Project Manual are just an example of the wide variety of collections you may choose from. Your project is not limited to the items on the list, use your own ideas. Remember, collecting is a hobby, have fun and be imaginative.

General Guidelines:

1. Each collection must be accompanied by a project notebook. The collection must be added to each year in order to show growth in the project. Clearly label or otherwise identify collected items that were added each project year by putting tabs for each year in notebook. The notebook must contain:
 - a. **COMPLETED RECORD SHEET**
 - b. "Story About My Collection" giving information of interest about your collection, i.e. where to purchase, cost, the history of the item, etc.
 - c. Photograph of the complete collection for the current project year. (NOTE: Photographs from previous years must also be in the notebook in order to visually show growth in the project from year to year.)
2. Members with very large or valuable collections should provide a photograph or group of small photographs of the collections or addition to your collection. (see Poster Preparation below)
3. Collections that will remain at the fair must be prepared for display by the member in a manner that will assure the safe keeping of the collection. **It is recommended that valuable objects be protected by exhibiting them in a securely covered display case, securely fastened to a display board, or left at home.**

Poster Preparation

- All posters will be 22x28 inches and displayed horizontally with the 28 inches across. Vertical posters will be dropped one ribbon placing.
- All 4-H posters must use foam core board. This material can be used as the poster or can have a poster board attached to it.
- Foam core board may be purchased from the Extension Office. If purchased elsewhere, make sure your purchase is 22x28 inches.
- Poster sleeves and salon print sleeves are available for purchase from the Extension Office and recommended. You may cover your poster with other clear plastic that is heavy enough not to wrinkle. Do not use saran wrap.
- All posters must have hook tape secured to the back of the poster along the edges. Hook tape may be purchased from the Extension Office. Please secure the tape 24 hours in advance for best adhesion.
- Project/exhibit labels from the Extension Office must be attached to the lower right hand corner of the poster after covering with plastic. Please allow room for this label when organizing your poster presentation.
- **All posters, notebooks, and display boards must include a reference list indicating where information was obtained, giving credit to the original author, to complete the 4-H member's exhibit.**

Exhibit Divisions:

Beginning - Grades 3 - 5
Intermediate - Grades 6 - 8
Advanced- Grades 9 - 12

Exhibit Requirements For All Divisions:

Collections may be exhibited in any one of the following manners:

1. A poster (22" X 28") following the above Poster Preparation guidelines.
2. Neatly & attractively arranged in a box not to exceed 22"x28". Securely cover with clear glass or rigid plastic.
3. Securely fastened on a display board not to exceed 22" X 28" and covered with clear plastic for protection.
4. Your completed story about your exhibit.
5. Neatly arranged photographs of very large or valuable items attractively arranged in either a notebook or on a poster. **YOU WILL NOT BE JUDGED LOWER FOR DOING THIS.**

You **MUST** have your name and club name on each piece you wish to leave for exhibit.

NOTE: Leaves, insects, weeds, and rocks are NOT to be exhibited in the Collections project. 4-H members must enroll and complete the Forestry, Entomology, Weeds or Geology projects to exhibit these items.

COLLECTIONS & HOBBIES: SCRAPBOOKING

Exhibit due Wednesday prior to the fair

This project not eligible for State Fair

1. 4-H'ers may submit one scrapbook album for each of the six categories:
 - School
 - Family and Friends
 - Parties or Events
 - Vacation
 - 4-H
 - Miscellaneous
2. Each album will have a front and back cover with pages firmly attached between the covers. Albums may be any size. Page protectors are recommended.
3. Each scrapbook album will have the required number of pages.
4. Journaling is recommended within the project. Without journaling, the photos and memorabilia will be less meaningful over time.
5. Each scrapbook will have a label (attached with string) with the 4-H member's name, club, and division on the label.
6. Each 4-H member will indicate the pages in the album to be considered for judging.

Requirements: Beginner, Grades 3-5

Exhibit 6 pages to be judged for each scrapbook album.

Requirements: Intermediate, Grades 6-8

Exhibit 8 pages to be judged for each scrapbook album.

Requirements: Advanced, Grades 9-12

Exhibit 10 or more pages to be judged for each scrapbook album.

COMMUNICATIONS

**Local Contest will be held on Date and Location TBA.
This project is eligible for State Fair**

Effective communications drives all aspects of day-to-day life. Youth are to learn about the process of communications, to learn about different modes of communications and to strengthen their own communications skills. As you explore the world of communications and the manuals, you will enjoy learning more about yourself and others. Youth completing this project are expected to participate in a variety of experiences allowing them to develop communication skills rather than create an exhibit to be displayed at the county or state fair.

A series of 4-H manuals is available with activities designed to develop communication skills at a specific grade level. Module 1 is for Beginner Level youth in grades 3-5. Module 2 is for Intermediate Level youth in grades 6-8. Module 3 is for Advanced Level youth in grades 9-12. To complete this project a member's adult mentor is to provide verification the member participated in at least one of the following activities:

- Complete an activity from the grade appropriate manual.
- Give a demonstration or presentation at a club meeting.
- Participate in a verbal communication event. See verbal communication section below.
- Submit a news release to local news media about a 4-H event or topic.
- Participate in a radio interview.
- Present information about 4-H to a civic organization or similar group.
- Participate in the Indiana 4-H Spread the News workshop (Grades 9-12).
- Participate as an actor in a community theater.
- Other activities that demonstrate communication skill development.

Verbal Communication Events

The following verbal communication events and activities are offered to 4-H members as a way to teach presentation and public speaking skill development. They are often used in 4-H meetings, and a county 4-H youth development program may choose to offer these as competitive events. While the interactive demonstration is a non-competitive event at the Indiana State Fair, the demonstration, informative presentation, professional persuasive presentation, public speaking, and illustrated talk are competitive events. Refer to the Indiana State Fair 4-H handbook for the date, time, and location of each event. Check with your county extension educator for information about entering these events.

Interactive Demonstration

- Any 4-H member may participate in the Interactive Demonstration.
- This is designed for the novice person, and the topic can be related to any 4-H project. The 4-H member will provide a short demonstration of no more than 3 minutes that will actively engage members of the audience in a how-to-do skill development.
- Examples include, but are not limited to, how to use a measuring cup, how to use a ruler, how to knead dough, how to clean grooming clippers, how to crop a photo, etc.
- Props are permitted.
- Live animals and PowerPoint displays are not permitted.
- Although participants will not be judged, an adult will watch the 4-H member's interactive demonstration and will provide feedback to the member.
- The 4-H member will continually repeat their how-to interactive demonstration for the designated time period, typically 45-60 minutes.

Demonstration

- Divisions for Demonstrations:
 - Clover: Grades 3-5
 - Junior: Grades 6-8
 - Senior: Grades 9-12
- Any 4-H member in grades 6-12 may participate in the Indiana State Fair demonstration contest.
- This contest allows the 4-H member to show the audience step-by-step procedures how to do something related to any 4-H project.
- Examples of a demonstration include how to take a prize winning photograph, how to give an intramuscular antibiotic injection or shot, how to design a mini-barn blueprint, how to construct a garment, how to develop a wildlife rehabilitation plan, how to treat a cat for fleas, etc.
- Members may use a PowerPoint, Prezi, or other digital presentation, signs, and other props that will enhance their presentation when giving their how-to demonstration to the audience from a stage or stage-like setting.
- If digital media will be used to enhance the presentation, contestants are encouraged to provide their own laptop computer. If the laptop is not equipped with a standard VGA external video connection, the contestant will need to supply an appropriate adapter. While a standard PC laptop will be available, the quality and compatibility of the digital media cannot be guaranteed as PowerPoint will be the only digital media available.
- Live animals are not permitted.
- There is no interaction with the audience.
- Clover members (grades 3-5) have 3-6 minutes to present their demonstration.
- Junior members (grades 6-8) have 5-7 minutes to present their demonstration.
- Senior members (grades 9-12) will present their demonstration in 5-10 minutes.
- Questions may be asked of the contestants by the judges following the demonstration.
- Categories will be Junior Individual, Senior Individual, Junior Team, and Senior Team.
- The team category is for two (2) people and will be determined by the highest grade level of any member of that team. If a team is awarded the State Fair Achievement Trip, only those team members who are 14 years of age or older as of January 1 will be permitted to attend the trip. Those members of the winning team who are younger than 14 years of age will not be able to compete in a team demonstration in future years.
- A county may have no more than three (3) entries in each of these categories.

Informative 4-H Presentation

- Any 4-H member in grades 6-12 may participate in the Indiana State Fair informative presentation contest.
- This contest allows the 4-H member to present a topic of their choice related to a 4-H event, project, or activity to the audience.
- Examples of an informative 4-H presentation include the benefits of attending 4-H Round-Up, State 4-H Junior Leader Conference, Science Workshops, or Citizenship Washington Focus; the impact of a community service project on the 4-H members involved and their community; why a family should enroll their children in 4-H; how 4-H prepares a young person for the workforce or college, etc.
- Members may use a PowerPoint, Prezi, or other digital presentation, signs, and other props that will enhance their presentation when giving it to the audience from a stage or stage-like setting. If digital media will be used to enhance the presentation, contestants are encouraged to provide their own laptop computer. If the laptop is not equipped with a standard VGA external video connection, the contestant will need to supply an appropriate adapter. While a standard PC laptop will be available, the quality and compatibility of the digital media cannot be guaranteed as PowerPoint will be the only

- digital media available.
- Live animals are not permitted.
- There is no interaction with the audience.
- Junior members (grades 6-8) have 5-7 minutes to present their informative presentation, while senior members (grades 9-12) will present their informative presentation in 5-10 minutes.
- Questions may be asked of the contestants by the judges following the informative 4-H presentation.
- Categories will be Junior Individual and Senior Individual.
- A county may have no more than three (3) entries in each of the categories.

Professional Persuasive Presentation

- Any 4-H member in grades 6-12 may participate in the Indiana State Fair professional presentation contest.
- Contestants will be required to research a public issue in their community, collect data showing how this issue is or could affect their community, formulate a plan to address this issue, and present it in a professional manner using electronic digital media such as PowerPoint, Prezi, etc.
- Contestants are to submit three (3) sets of accompanying handouts at registration. These handouts will be provided to the judges.
- It is suggested that youth practice by presenting their professional presentation to service clubs, 4-H council or fair board, government officials, or other boards.
- Examples of public issues could be the lack of accessibility to trails or public parks, congested traffic locations, public health issues, impoverished neighborhoods, school dropout rates, the size of farm machinery outgrowing the size of roads, etc.
- Members must use a PowerPoint, Prezi, or other digital media presentation when giving it to the audience from a stage or stage-like setting.
- Other props may be used to enhance the presentation but are not required.
- Live animals are not permitted.
- There is no interaction with the audience.
- Junior members (grades 6-8) and senior members (grades 9-12) will present their professional presentation in 5-10 minutes.
- Questions may be asked by the judges following the professional presentation.
- Categories will be Junior Individual, Senior Individual, Junior Team and Senior Team.
- The team category is for two (2) people and will be determined by the highest grade level of any member of that team. If a team is awarded the State Fair Achievement Trip, only those team members who are 14 years of age or older as of January 1 will be permitted to attend the trip. Those members of the winning team who are younger than 14 years of age will not be able to compete in a team informative presentation in future years.
- Contestants are encouraged to provide their own laptop computer. If the laptop is not equipped with a standard VGA external video connection, the contestant will need to supply an appropriate adapter. While a standard PC laptop will be available, the quality and compatibility of the digital media cannot be guaranteed as PowerPoint will be the only digital media available. A wireless internet connection will be available.
- A county may have no more than three (3) entries in each of the categories.

Public Speaking

- Any 4-H member in grades 6-12 may participate in the Indiana State Fair public speaking contest.
- This contest allows the 4-H member to give their prepared speech to an audience from a stage or stage-like setting.
- There is no interaction with the audience.
- Props, signs, and PowerPoint presentations are not permitted.
- The topic can be of the 4-H member's choice and but must be related to 4-H.
- Junior members (grades 6-8) have 3-5 minutes to give their speech.
- Senior members (grades 9-12) will give their speech in 5-7 minutes.
- Questions may be asked by the judges following the speech.
- A county may have no more than three (3) entries in each category.

Illustrated Talk (Poultry & Rabbit Illustrated Talk)

- An illustrated talk is offered at the Indiana State Fair in poultry and rabbits.
- All participants must complete the Indiana State Fair Rabbit or Poultry entry form. This completed form is to be submitted to the rabbit or poultry barn office, respective to the contest, at check-in. There is no Indiana State Fair entry fee for this event.
- Categories will be
 - Novice (grades 3-4)
 - Junior (grades 5-6)
 - Intermediate (grades 7-8)
 - Senior (grades 9-10)
 - Master (grades 11-12).
- An illustrated talk is for any 4-H member and allows the member to present a 5-7 minute speech to the audience on a topic related to that project while using props and/or a PowerPoint, Prezi, or other digital presentation.
- There is no interaction with the audience.
- Check the Indiana State Fair 4-H Premium book for the time, date, and location of this event.
- Entries will be accepted through the county Purdue Extension office or on-site at the poultry or rabbit show for the respective event. Check the Indiana State Fair 4-H Premium book for the time, location, and deadline to enter if entering on-site.
- Live animals that would be eligible to show in that project may be used in the illustrated talk.

COMMUNICATIONS: CREATIVE WRITING

Exhibit due by July 1 to the Extension Office

Feedback from the Judge will take place on Wednesday before Fair.

This project not eligible for State Fair

All entries are to be handwritten or typed.

a) Handwritten entries should be neatly written in ink, either cursive or manuscript.

b) Typed entries are to be double-spaced and should have standard margins.

Each entry **MUST** be secured in a folder, binder or notebook and have a title page listing: title, author, project division, and club name.

The Knox County 4-H Association reserves the right to not display any exhibit that may be deemed inappropriate for the fair-going audience.

Entries may be illustrated. Illustrations are permitted to enhance the story or poem, but are not required. The author should do all illustrations. They may be drawn or computer-enhanced.

Record Sheet Requirements

Beginner: Grades 3-5

- Two (2) poems of any length or style
or
- A story, autobiography, children's story or any other prose piece; maximum of 2 typed or 4 handwritten pages.

Intermediate: Grades 6-8 –

- Four (4) poems of any length or style
or
- A story, autobiography, children's story or any other prose piece; maximum of 4 typed or 8 handwritten pages.

Advanced: Grades 9-12 –

- Six (6) poems of any length or style
or
- A story, autobiography, children's story or any other prose piece; maximum of 6 typed or 12 handwritten pages.

COMPUTER

Exhibit due Wednesday prior to the fair
This project is eligible for State Fair

There are three exhibit grade level divisions:

- Grades 3-5, Beginner
- Grades 6-8, Intermediate
- Grades 9-12, Advanced

Exhibits are to be skill appropriate for the member's grade level.

Youth enrolled in the computer project will select one of the below subject categories to study, regardless of grade

Youth enrolled in the computer project will select one of the below subject categories to study, regardless of grade. Youth may choose to create an exhibit demonstrating skills learned during the year. Check with your county Purdue Extension Office to determine if a computer will be available during judging and if there will be an opportunity to explain your exhibit to the judge. **Exhibits qualifying for state fair are to be submitted on a thumb drive securely attached to a notebook/portfolio describing accomplishments.** skills learned, design ideas, budget, a summary of what was done, etc. as the exhibitor will not be able to discuss their work with a judge. Poster exhibits 22"x28" or freestanding 3-dimensional display boards no larger than 36"x36" may be submitted. Youth may continue in the same subject category in subsequent years expand on the previous year's topic, or choose a new topic.

Subject categories are:

- Block Based Programming
- Text Based Programming
- Web Design and Computer Entrepreneurship
- Computer Forensics
- Hardware and Networking Design/Install/Repair
- Graphic Design and Computer Art

Software must be compatible on both PC and Mac platform. If additional software other than Microsoft Office Suite is required to view the member's work, that software must be provided by the member and comply with all manufacturer copyright laws. Apps can be Android or IOS compatible.

All notebooks/portfolios must include a reference list indicating where information was obtained, giving credit to the original author, to complete the 4-H member's exhibit. This reference list should/might include web site links, people and professionals interviewed, books, magazines, etc. It is recommended this reference list be the last page of a notebook or included as part of the display visible to the public. A judge is not to discredit an exhibit for the manner in which references are listed.

A county may submit a total of three state fair entries, one entry per grade level division.

Blocked Based Programming:

Beginner – Grades 3-5 – Create a block based program using Scratch, Code Studio, Alice, or another graphic programming language of your choice. You should comment your work and it must include at least ten different commands. Skills this program could use are:

- Sequence
- Iteration
- Conditionals
- Variables
- Loops
- User input
- Any other similar skill

Intermediate Grades 6-8 – Create a block based program using Scratch, Code Studio, Alice, or another graphic programming language of your choice. You should comment your work and it must include at least ten different commands. Skills this program could use are:

- More robust demonstration of beginner skills
- Modularization
- Lists
- Any other similar skill

Advanced Grades 9-12 – Create a block based program using Scratch, Code Studio, Alice, or another graphic programming language of your choice. You should comment your work and it must include at least ten different commands. Skills this program could use are:

- More robust demonstration of Intermediate Skills
- Parameters
- Recursion
- Any other similar skill

Text Based Programming:

Beginner Grades 3-5 – This option is not available.

Intermediate Grades 6-8 - Create a text based program of your choosing using any text based language you are comfortable in. The code should demonstrate an understanding of at least 4 of these skills:

- Commenting
- Correct syntax
- Variables
- Loops
- Conditionals
- User Input
- Lists
- Functions
- Algorithms
- Any other similar skill

Advanced Grades 9-12 - Create a text based program of your choosing using any text based language you are comfortable in. The code should demonstrate an understanding of at least 8 of these skills:

- A more robust understanding of the intermediate skills
- Interact with databases
- Classes
- Objects
- Methods
- Inheritance
- Integrate multiple languages into one program
- Any other similar skill

Web Design and Computer Entrepreneurship

Beginner Grades 3-5 - Web Design and Computer Entrepreneurship – Build a website demonstrating a knowledge of:

- Use a website builder to create your website
- Insert non-stock image into your site
- Use a template to achieve a unified look
- Explain CSS in your documentation, what CSS is and why it's important
- Must have at least two pages and include all items listed above

Intermediate Grades 6-8 - Web Design and Computer Entrepreneurship -- Build a website demonstrating a knowledge of:

- Create your own site or use a website builder
- Modify existing HTML
- Use HTML5
- Modify existing CSS
- Have a unified theme throughout
- Use a photo editing software to create custom images
- Must have at least five pages and include all items listed above

Advanced Grades 9-12 - Web Design and Computer Entrepreneurship – Build a website demonstrating a knowledge of:

- Create a custom site using appropriate industry tools
- Have a responsive website
- Add useful and appropriate plugins
- Test for and eliminate bugs
- Include links for social media
- Include custom audio/video
- Must have at least ten pages and include all items listed above

Computer Forensics (id theft, online bullying, ethical use of technology, responsible social media use)

Beginner Grades 3-5 – Computer Forensics – Research and create a 3-5 minute presentation on one of the following topics. Present to a group of peers and have an adult leader verify, create a YouTube or MP4 instructional video, or printed slides and notes using PowerPoint or similar presentation software.

- Media Balance and Well Being
- Privacy and Security
- Digital Footprint and Identity
- Relationships and Communication
- Cyberbullying, Digital Drama and Hate Speech
- News and Media Literacy
- Any other similar topic

Intermediate Grades 6-8 – Computer Forensics –Research and create a 6-8 minute presentation on one of the following topics. Present to a group of peers and have an adult leader verify, create a YouTube or MP4 instructional video, or printed slides and notes using PowerPoint or similar presentation software.

- Digital Citizenship:
 - Media Balance and Well Being
 - Privacy and Security
 - Digital Footprint and Identity
 - Relationships and Communication
 - Cyberbullying, Digital Drama and Hate Speech
 - News and Media Literacy
- Cyber Security
 - Ethics and Society
 - Security Principles
 - Classic Cryptography
 - Malicious Software
 - Physical Security
 - Web Security
- Any other similar topic

Advanced Grades 9-12 – Computer Forensics –Research and create a 10-12 minute presentation on one of the following topics. Present to a group of peers and have an adult leader verify, create a YouTube or MP4 instructional video, or printed slides and notes using PowerPoint or similar presentation software.

- Digital Citizenship:
 - Media Balance and Well Being
 - Privacy and Security
 - Digital Footprint and Identity
 - Relationships and Communication
 - Cyberbullying, Digital Drama and Hate Speech
 - News and Media Literacy
- Cyber Security
 - Ethics and Society
 - Security Principles
 - Classic Cryptography
 - Malicious Software
 - Physical Security
 - Web Security
- Any other similar topic

Hardware and Networking Design/Install/Repair

Beginner Grades 3-5 – Choose 1-2 items from the list and create a report/presentation (including images) of what you did.

- Deconstruct and reconstruct a computer
- Learn and report how binary works and how computers use numbers
- Troubleshoot hardware problems
- Explore operating systems
- Investigate open source resources
- Install/upgrade operating systems
- Design a dream machine (give reasons)
- Any other similar design/install/repair

Intermediate Grades 6-8 – Choose 1-2 items from the list and create a report/presentation (including images) of what you did.

- Identify network hardware
- Design a computer network
- Explain Internet Protocol
- Explain different types of servers
- Use different protocols to communicate
- Add peripherals to a network
- Secure a networked computer
- Share applications simultaneously
- Setup a Raspberry Pi or other micro-controller
- Any other similar design/install/repair

Advanced Grades 9-12 - Choose one or two items from the list and create a report/presentation (including images) of what you did.

- Design and implement a computer network
- Secure your network
- Understand technology needs in your community.
- Help to solve these needs by organizing a committee or team to work on identified issues.
- Teach a computer science class to younger 4-Hers.
- Build your dream computer
- Network multiple micro-controllers
- Research careers in technology
- Any other similar design/install/repair

Graphic Design and Computer Art

There are three divisions; Beginner (Grades 3-5), Intermediate (Grades 6-8) and Advanced (Grades 9-12). Youth are to use a software program to create or design an item that requires graphic design or artistry. The name of the software and version is to be included with the exhibit. Exhibits are to be age/grade appropriate. Ideas include, but are not limited to, the following:

- Logo design
- T-shirt or apparel screen printing design
- Promotional brochure
- Marketing materials
- Computer generated art
- Computer altered photographs/images – Photographs taken by the 4-H member and altered by the 4-H member using a computer are to be entered in the Photography project as a creative/experimental exhibit. Youth must obtain permission from the owner before altering someone else's photograph/image and include a copy of that permission with the exhibit to insure there is no copyright violation.

CONSUMER CLOTHING

Exhibit due and modeled one week before fair

This project is eligible for State Fair

Additional optional activity is Dress Review one week prior to fair

Do not purchase all new items for this project. The use of existing wardrobe items is encouraged. Outfits that are chosen from mix-and-match coordinates are not acceptable.

EXHIBIT: Bring your garments(s), accessories and project book to judging. You will model your garment(s) and the judge will use information in your project book to grade your exhibit according to the scorecard in the back of your manual. Poise, grooming, and accessories are considered as well as your shopping skill and planning.

PROJECT BOOK:

1. The project book is 40% of your total grade. It should include the activities you completed from your Consumer Clothing manual and explain clearly why you chose your outfit and how it fits into your wardrobe needs.
2. Project book should be assembled in a three-ring binder, with no loose pages.
3. The **outside, front cover** of your project should include: A colored photograph of you modeling the outfit that will be judged and an exhibit label with your name, division, township, etc. Additional photos may be included inside.
4. Include receipt(s) and price tag(s) from newly purchased garments you are modeling. Be sure they are well secured in your book.
5. Notebook decoration is optional and will not affect ribbon placing.

****For personal safety concerns, notebooks exhibited should only contain name, county, grade, level and club, and no personally identifiable information such as mailing address or phone number.**

IMPORTANT - All division requirements are on the inside cover of booklet - Please read!

Requirements: Beginner, Grades 3-5

- Complete one activity from each group in the manual. Write your results or answers in a notebook. Label each activity. This will help you talk to the judge easily.
- Help purchase an item of clothing that you'll wear with other clothes in your wardrobe. Examples might be slacks, blouse, jeans, shirt, sweater, or sweatshirt. Choose an accessory to go with your purchase. You might buy shoes, sweatband, belt, jewelry, or socks.
- Model your purchases. Tell the judge about them, what you learned, and about the activities you completed. Take your manual and notebook with you because they will help you talk with the judge.

Requirements: Intermediate, Grades 6-8

- Complete one activity from each group in the manual. Write your results or answers in a notebook. Label each activity. This will help you talk to the judge easily.
- Purchase and accessorize a casual or school outfit. You may purchase accessories or select from items you already own.
- Model your outfit. Tell the judge about your purchases, what you learned, and about the activities you completed. Take your manual and notebook with you because they will help you talk with the judge.

Requirements: Advanced, Grades 9-12

- Complete one activity from each group in the manual. Write your results or answers in a notebook. Label each activity. This will help you talk to the judge easily.
- If a member has completed all activities in the manual in prior years, the member is to consult with their extension educator, leader, or mentor to create an activity. When assembling the exhibit notebook be sure to include a note to the judge explaining how the activity was determined and the intended objectives.
- Choose an outfit and accessorize it. You may purchase or select from items you already own.
- Model your outfit before a group. Tell them about your activities in this year's project and how you plan to use this year's purchases in your future wardrobe. Take your manual and notebook with you because they will help you talk with the judge.

CROPS

**Exhibit due Saturday prior to the fair
This project not eligible for State Fair**

4-H members will learn about the growth and management of crop plants.

Poster Preparation

- All posters will be 22x28 inches and displayed horizontally with the 28 inches across. Vertical posters will be dropped one ribbon placing.
- All 4-H posters must use foam core board. This material can be used as the poster or can have a poster board attached to it.
- Foam core board may be purchased from the Extension Office. If purchased elsewhere, make sure your purchase is 22x28 inches.
- Poster sleeves and salon print sleeves are available for purchase from the Extension Office and recommended. You may cover your poster with other clear plastic that is heavy enough not to wrinkle. Do not use saran wrap.
- All posters must have hook tape secured to the back of the poster along the edges. Hook tape may be purchased from the Extension Office. Please secure the tape 24 hours in advance for best adhesion.
- Project/exhibit labels from the Extension Office must be attached to the lower right hand corner of the poster after covering with plastic. Please allow room for this label when organizing your poster presentation.

Project: Corn, Soybean, & Wheat:

Beginner: Grades 3-5

Intermediate: Grades 6-8

Advanced: Grades 9-12

CORN: Requirements: All Divisions

1. Exhibit one stalk of corn with bare roots.
2. Label the parts of a corn stalk: brace roots, ear, husk leaves, internode, node, leaf blade, leaf sheath, ligule, permanent roots, seminal roots, silks, and tassel.
3. Bring completed crops record sheet (see list below) and 2 completed activities from the manual to fair check-in.

SOYBEAN: Requirements: All Divisions

1. Exhibit a completed crops record sheet and one of the following:
2. 6 soybean stalks showing roots
3. poster as outlined in the manual

WHEAT: Requirements: All Divisions

1. Exhibit one gallon of wheat harvested from the current year
2. Bring completed crops record sheet to fair check-in.

Project Weeds:

Youth learn all about different types of weeds as well as life styles through fun hands-on experiences.

Basic Requirements: Each notebook should be labeled on the outside of the front cover with: name of exhibitor, address, county and name of club. Each specimen should show flower and/or fruit, leaf, stem, and root characteristics, all of which are necessary for complete and accurate identification. Consult project manual for complete instructions on collecting, pressing and mounting your weeds. When exhibiting a poster follow Poster Preparation.

Poster Preparation

- All posters will be 22x28 inches and displayed horizontally with the 28 inches across. Vertical posters will be dropped one ribbon placing.
- All 4-H posters must use foam core board. This material can be used as the poster or can have a poster board attached to it.
- Foam core board may be purchased from the Extension Office. If purchased elsewhere, make sure your purchase is 22x28 inches.
- Poster sleeves and salon print sleeves are available for purchase from the Extension Office and recommended. You may cover your poster with other clear plastic that is heavy enough not to wrinkle. Do not use saran wrap.
- All posters must have hook tape secured to the back of the poster along the edges. Hook tape may be purchased from the Extension Office. Please secure the tape 24 hours in advance for best adhesion.
- Project/exhibit labels from the Extension Office must be attached to the lower right hand corner of the poster after covering with plastic. Please allow room for this label when organizing your poster presentation.
- **All posters, notebooks, and display boards must include a reference list indicating where information was obtained, giving credit to the original author, to complete the 4-H member's exhibit.**

Requirements: Division 1 Exhibit

1. Collect and identify 15 different weeds from the common and/or invasive plants of Indiana. Your collection of weeds must be taken from the list of common weeds in publication 4-H 247-W. Be aware that some weeds may be more prevalent at different times of the year. Each specimen should show flower and/or fruit, leaf, stem, and root characteristics, all of which are necessary for complete and accurate identification.
2. Press weeds (see page 4, 4-H 247-W).
3. Mount each individual weed on 8 1/2" x 11" poster board by either taping or gluing the plant to the poster board
4. Cover the poster board containing the plant specimen with cellophane or clear sheet plastic or put it in a plastic sheet protector. Place the pages in a three-ring binder (punch holes of adequate size to allow easy turning of the pages in the binder).
5. Label (label size, 1 1/2" x 2") each weed as to:
 - Name of weed (common and scientific names-remember to italicize or underline scientific names)
 - Where found (lawn, garden, pasture, etc.)
 - How it reproduces (seed and/or underground root parts)
6. Answer questions on record sheet 4-H 247A-W, and put a copy of the record sheet in your notebook.
7. In year two, exhibit a different set of weeds, not repeating the ones from year one.

Requirements: Division 2

Exhibit

1. Collect and identify 5 noxious and five poisonous weeds of Indiana. Your collection of weeds must be taken from the list of noxious and poisonous weeds in publication 4-H 247-W. Be aware that some weeds may be more prevalent at different times of the year. Each specimen should show flower and/or fruit, leaf, stem and root characteristics, all of which are necessary for complete and accurate identification.
2. Press weeds (see page 4, 4-H 247-W).
3. Mount each individual weed on 8 1/2" x 11" poster board by either taping or gluing the plant to the poster board
4. Cover the poster board containing the plant specimen with cellophane or clear sheet plastic or put it in a plastic sheet protector. Place the pages in a three-ring binder (punch holes of adequate size to allow easy turning of the pages in the binder).
5. Label (label size, 1 1/2" x 2") each weed as to:
 - Name of weed (common and scientific names--remember to italicize or underline scientific names)
 - Where found (lawn, garden, pasture, etc.)
 - How it reproduces (seed and/or underground root parts)
6. Answer questions on record sheet 4-H 247B-W, and put a copy of the record sheet in your notebook.
7. In year two, exhibit a different set of weeds, not repeating the ones from year one.

Requirements: Division 3

Exhibit

1. Collect and identify 15 different weed seeds from mature plants from the list of common, noxious, or poisonous weeds in 4-H-217-W. Five of these weed seeds must be taken from the list of noxious weeds in 4-H 247-W. Be aware that some weeds may be more prevalent at different times of the year.
2. Clean the seeds and separate from the fruit (See page 3 of 4-H 247-W).
3. Place one tablespoon of the dried weed seeds in a plastic zippered bag.
4. Mount the plastic bags on poster board (22" x 28"). Mounting must be made to exhibit the poster in a horizontal position. Place your name, county, and club name in the lower right corner of the poster.
5. Label (label size, 1 1/2" x 2") each weed seed as to:
 - Name of weed (common and scientific names--remember to italicize or underline scientific names)
 - Where found (lawn, garden, pasture, etc.)
 - Annual, biennial, or perennial.
6. Answer questions on record sheet 4-H 247C-W, and attach a copy of the record sheet to the back of your poster.
7. In each consecutive year, exhibit different seeds, not repeating the ones from the year before.

ELECTRIC

**Exhibit due Wednesday prior to the fair
This project is eligible for State Fair**

Project Completion Recommendations:

Complete the activities as instructed in the manual and fill out the “4-H Club General Record Sheet” (4-H-528) or as specified by the County Extension Office. All posters, notebooks, displays, and exhibits should include a reference list indicating where information was obtained, giving credit to the original source. This reference list may include website links, people that helped you, books, magazines, etc. It is recommended that this reference list be attached to the back of a poster or display, be the last page of the notebook, or included as part of the display or exhibit visible to the public. A judge is not to discredit an exhibit for how references are presented.

Poster Preparation

- All posters will be 22x28 inches and displayed horizontally with the 28 inches across. Vertical posters will be dropped one ribbon placing.
- All 4-H posters must use foam core board. This material can be used as the poster or can have a poster board attached to it.
- Foam core board may be purchased from the Extension Office. If purchased elsewhere, make sure your purchase is 22x28 inches.
- Poster sleeves and salon print sleeves are available for purchase from the Extension Office and recommended. You may cover your poster with other clear plastic that is heavy enough not to wrinkle. Do not use saran wrap.
- All posters must have hook tape secured to the back of the poster along the edges. Hook tape may be purchased from the Extension Office. Please secure the tape 24 hours in advance for best adhesion.
- Project/exhibit labels from the Extension Office must be attached to the lower right hand corner of the poster after covering with plastic. Please allow room for this label when organizing your poster presentation.
- **All posters, notebooks, and display boards must include a reference list indicating where information was obtained, giving credit to the original author, to complete the 4-H member's exhibit.**
- Kits for Division 1 & 2 can be purchased from the Extension Office.

Electric Level 1 (Grade 3):

Exhibit one article of choice displaying proper wiring techniques, made during the current 4-H program year. It must demonstrate a minimum of five (5) or more of the appropriate level of “Skills to be Attained” items as outlined in the “4-H Electric and Electronic Skills & Knowledge Chart”. **A completed copy of the “Exhibit Skills & Knowledge Sheet” must accompany the project.**

Exhibit Suggestions:

- **Circuit board** – 6” by 6” of Series/Parallel Circuit
- **Electromagnet**
- **Galvanometer**
- **Poster board** (22” by 28”)
- **Display** (appropriately sized for displayed equipment)
- **Notebook/Report** that covers any topic that is in the National 4-H Electric Curriculum *Electricity Excitement* Book 1 or *Investigating Electricity* Book 2, Purdue Extension website Level 1 activities/project sheets, or from the appropriate level of the Skills & Knowledge Chart.

Electric Level 2 (Grade 4):

Exhibit one article of choice displaying proper wiring techniques, made during the current 4-H program year. It must demonstrate a minimum of five (5) or more of the appropriate level of “Skills to be Attained” items as outlined in the “4-H Electric and Electronic Skills & Knowledge Chart”. **A completed copy of the “Exhibit Skills & Knowledge Sheet” must accompany the project.**

Exhibit Suggestions:

- **Magnetic Powered Shake Flashlight** – with display
- **Circuit board** – 6” by 6” of Series/Parallel Circuit (with modifications if exhibited in Level 1)
- **Electromagnet**
- **Galvanometer**
- **Electric Motor**
- **Poster board** (22” by 28”)
- **Display** (appropriately sized for displayed equipment)
- **Notebook/Report** that covers any topic that is in the National 4-H Electric Curriculum *Electricity Excitement* Book 1 or *Investigating Electricity* Book 2, Purdue Extension website Level 2 activities/project sheets, or from the appropriate level of the Skills & Knowledge Chart.

Electric Level 3 (Grade 5):

Exhibit one article of choice displaying proper wiring techniques, made during the current 4-H program year. It must demonstrate a minimum of five (5) or more of the appropriate level of “Skills to be Attained” items as outlined in the “4-H Electric and Electronic Skills & Knowledge Chart”. **A completed copy of the “Exhibit Skills & Knowledge Sheet” must accompany the project.**

Exhibit Suggestions:

- **Wiring Project** – (ie. extension cord, trouble light, wire sizes and uses, plug configurations, test equipment, etc.)
- **Electrical tool and supply kit**
- **Poster board** (22” by 28”)
- **Display** (appropriately sized for displayed equipment)
- **Notebook/Report** that covers any topic that is in the National 4-H Electric Curriculum *Wired for Power* Book 3, Purdue Extension website Level 3 activities/project sheets, or from the appropriate level of the Skills & Knowledge Chart.

Electric Level 4 (Grade 6):

Exhibit one article of choice displaying proper wiring techniques, made during the current 4-H program year. It must demonstrate a minimum of five (5) or more of the appropriate level of “Skills to be Attained” items as outlined in the “4-H Electric and Electronic Skills & Knowledge Chart”. **A completed copy of the “Exhibit Skills & Knowledge Sheet” must accompany the project.**

Exhibit Suggestions:

- **Wiring** – Wire a lamp. The lamp can be a re-wired lamp or one that is built new.
- **Electrical tool and supply kit**
- **Poster board** (22” by 28”)
- **Display** (appropriately sized for displayed equipment)
- **Notebook/Report** that covers any topic that is in the National 4-H Electric Curriculum *Wired for Power* Book 3, Purdue Extension website Level 4 activities/project sheets, or from the appropriate level of the Skills & Knowledge Chart.

Electric Level 5 (Grade 7-12):

Exhibit one article of choice, displaying proper wiring techniques, made during the current 4-H program year that demonstrates a minimum of five (5) or more of the appropriate level of “Skills to be Attained” items as outlined in the “4-H Electric and Electronic Skills & Knowledge Chart”. **A completed copy of the “Exhibit Skills & Knowledge Sheet” must accompany the project.**

Exhibit Suggestions:

- **Equipment Wiring** – including but not limited to: parts identification, appliance repair, lamps and other lighting, equipment wiring, control system, security system, topic that covers safety, motors/generators, electric heating, heat pumps, AC, water heaters, and other electric equipment.
- **Home Wiring** – included by not limited to any circuits found in the wiring of a house or “barn”, service entrance, switching, receptacles, generator transfer circuit, safety, electrical math, and others.
- **Electronic Equipment** – Any project or kit containing transistors or integrated circuits or vacuum tubes such as radio, TV, computer, robot, cell phone, and others.
- **Poster board** (22” by 28”)
- **Display** (appropriately sized for displayed equipment)
- **Notebook/Report** that covers any topic that is in the National 4-H Electric Curriculum *Entering Electronics*, Purdue Extension website Level 5 activities/project sheets, or from the appropriate level of the Skills & Knowledge Chart.
- **Video Presentation** Create a video showing the work accomplished and skills learned. This video should include the same type of information as required in written notebook listed above. This video is to be no more than ten minutes in length and formatted as MP4 and submitted on a thumb drive. This video can also be uploaded to a YouTube account with the video being made public and the link submitted for evaluation.

ENTOMOLOGY

**Exhibit due Wednesday prior to the fair
This project is eligible for State Fair**

Create an exhibit that shows the public what you learned in the entomology project this year. Follow the "Notes" under each section (Insect Collection and Poster).

Important Notes:

- **References:** one of the following:
 -4-H 764, How to Study, Collect, Preserve and Identify Insects.
 -How to Make an Awesome Insect Collection, ID-401 (available online, extension.entm.purdue.edu/401Book/default.php?page=home, or through The Education Store).
- **Title:**
 Collection-Insect Collection, Grade X (where X = your grade in school)
 Poster-Choose one of the topics listed below, appropriate for your grade in school, and use that topic for your exhibit title.
- **Orders:**
 Use the orders listed in the reference material (above), which are found on page 57 in ID-401
- **Display:**
 -Collect, mount (pins or vials), and identify insects personally collected in the U.S. only.
 -Display your best specimens in an 18 x 24 inch box(es), orientated horizontally. When multiple boxes are used: list the box order (i.e. "box 1 of 3 boxes") and include your name in each box.
-ID 401 A-F cards (for grades 3-8) and ID 401-I cards (for grades 9-12) are to be placed inside the display box in an attractive manner.
- **Identification:**
 -Collection display boxes are expected to contain the specified number of insects, families, and orders specified (see chart below).
 -All insects must be in the adult stage and be properly mounted on insect pins or be contained in vials as directed.
- **Pin Labels:** Each pin or vial must contain two labels:
 1) Top label is to include collection date, location, and collector name.
 2) Bottom label is to include common name and other optional identification data
- **Box Labels:** Box labels (computer generated or neatly printed) are used for orders and families as required (see chart below) and are to be placed flat against the bottom of the box. Insects must be properly grouped directly under the correct order and family box label. For example, all insects belonging to a particular order must be placed under that order label. Orders to be used are listed in the reference book ID- 401. If family level identification is required, the insects should be further grouped together under that family label.
- **Educational Box:**
 One additional box (educational), based on the specific theme (see chart below), is required for grades 9-12, in addition to the insect collection boxes. This box can be created in any manner chosen (without the mounting, pinning or identifying restrictions specified above).

Requirements: Insect Collection Option: Grades 3-12

Grade	Display	Max # Collection Boxes
3	10 insects, identified and pinned on cards(ID 401A)	1
4	20 insects, mounted (pins or vials). Identify all insects by common name and identify five (5) to order. Include card ID 401B.	1
5	30 insects, mounted (pins or vials). Identify all insects by common name and identify 15 to order. Include ID 401C.	1
6	40 insects, exhibit a minimum of 6 orders, mounted (pins or vials). Identify all insects by common name and order. Include ID 401D.	2
7	50 insects, exhibit a minimum of 8 orders, mounted (pins or vials). Identify all insects by common name and order. Identify ten (10) to family. Include card ID 401E.	2
8	60 insects, exhibit a minimum of 10 orders, mounted (pins or vials). Identify all insects by common name and order. Identify 30 to family. Include card ID 401F.	2

9	70 insects, exhibit a minimum of 12 orders, mounted (pins or vials). Identify all insects by common name, order, and family. One educational box, theme: insect behavior. Include card ID 4011.(1-3 collection boxes plus 1 educational box*). Place ID 4011 in first collection box only.	3
10	80 insects, exhibit a minimum of 14 orders, mounted (pins or vials). Identify all insects by common name, order, and family. One educational box, theme: insect pest management. Include card ID 4011. (1-3 collection boxes plus 1 educational box*). Place ID 4011 in first collection box only.	3
11	90 insects, exhibit a minimum of 16 orders, mounted (pins or vials). Identify all insects by common name, order, and family. One educational box, theme: insects in the environment. Include card ID 4011. ((1-3 collection boxes plus 1 educational box*). Place ID 4011 in first collection box only.	3
12	100 insects, exhibit a minimum of 18 orders, mounted (pins or vials). Identify all insects by common name, order, and family. One educational box, theme: benefits of insects. Include card ID 4011. (1-3 collection boxes plus 1 educational box*). Place ID 4011 in first collection box only.	3

*Educational box – The educational box (grades 9 - 12) is in addition to the insect display box (es). This box should be created in such a way as to teach something about the assigned theme to the general public.

Poster Option:

Create an exhibit that shows the public what you learned in the entomology project this year. Choose one of the topics listed below, appropriate for your grade in school, and use that topic for your exhibit title, so the judges know which activity you completed. You can also use a creative sub-title if you wish.

Poster Preparation

- All posters will be 22x28 inches and displayed horizontally with the 28 inches across. Vertical posters will be dropped one ribbon placing.
- All 4-H posters must use foam core board. This material can be used as the poster or can have a poster board attached to it.
- Foam core board may be purchased from the Extension Office. If purchased elsewhere, make sure your purchase is 22x28 inches.
- Poster sleeves and salon print sleeves are available for purchase from the Extension Office and recommended. You may cover your poster with other clear plastic that is heavy enough not to wrinkle. Do not use saran wrap.
- All posters must have hook tape secured to the back of the poster along the edges. Hook tape may be purchased from the Extension Office. Please secure the tape 24 hours in advance for best adhesion.
- Project/exhibit labels from the Extension Office must be attached to the lower right hand corner of the poster after covering with plastic. Please allow room for this label when organizing your poster presentation.
- **All posters, notebooks, and display boards must include a reference list indicating where information was obtained, giving credit to the original author, to complete the 4-H member's exhibit.**

Requirements: Poster Entomology 1: Grades 3-5

Display a poster based on the following activities:

- **Big Mouth Bugs** -- Show the four (4) different mouth types that you studied. Create a chart listing the four mouth types, an insect with this mouth type, food they eat, and where these insects might be found.
- **Pit Stop** -- Make two pit traps and use them to collect insects. Exhibit your completed record sheet. You can use the format given for your data collection, or make your own. Include some of the insects, or pictures of your trap and insects collected.
- **Buz-z-zing Around** -- Present three to five ways that insects communicate. Include an insect, or picture of each insect that communicates in each of the ways you are describing.
- **FACETnating!** -- Show how insects see (compound eyes) and explain how they see colors.
- **Ants and Uncles** -- Compare insects with their non-insect relatives by completing the chart in your book (copy or make your own). Include some of the insects and their non-insect relatives, or pictures of them, on your poster.
- **Chirp, Chirp**—Watch and listen to the crickets for five minutes, three times a day, for three days. Include day and night observations. Record what you see and hear.

Requirements: Poster Entomology 2: Grades 6-8

Display a poster based on the following activities:

- **Collecting Insects**—Use two of the insect collecting traps described in Activity 2 (Berlese Funnel, Indoor Insect Trap), Activity 3 (Modified Wilkinson Trap), Activity 4 (Fruit Bait), or Activity 5 (Light Attractor) to collect insects. Exhibit a picture of your traps and an insect Collection Data Chart that gives the trap location (for example, in the basement or in the back yard), date collected, and insects collected.
- **Spread Your Wings and Fly**—Make and use a spreading board. Exhibit two pictures of your spreading board and three butterflies or moths that you prepared using your board.
- **Insect Experiments**—Complete one of the following activities: Activity 8 (Color My World), Activity 9 (Sowbug Investigations), or Activity 10 (Life's Stages). Exhibit your data sheet and answers to the "Talk It Over" questions. For activities 8 and 9, include your hypotheses and a conclusive statement about your hypothesis (indicate if it was proved or disproved).
- **Invasive Species Investigations**—Create an informational exhibit about one (Indiana) invasive insect. Include the information requested in the activity for this insect (first eight (8) questions on page 29).
- **A Sticky Situation**—Make and use sticky traps for four weeks as described in Activity 13. Exhibit your data sheet and the answers to "Talk It Over" questions.
- **Footprint Clues**—Study the tracks of three different species of insects and one arthropod as described in activity 14. Exhibit your data sheet and the answers to "Talk It Over" questions.

Requirements: Poster Entomology 3: Grades 9-12

Display a poster based on the following activities:

- **The Scientific Method**—Use the scientific method to complete one of the problems listed in Activity 3. Describe what you did to complete the 5 scientific method steps and include your data and drawings or pictures of your experiment.
- **Transecting for Insects**—Compare three habitats using the scientific method to determine which one has the most terrestrial insect activity. Display your transect data sheet for each habitat and answer the "Talk It Over" questions.
- **Please Drop In**—Create your own hypothesis and collect insects in 5 pitfall traps to prove or disprove your hypothesis, as described in Activity 7. Display how you completed your experiment (including each step in the scientific method) and your data for each habitat.
- **Aliens Among Us**—Complete the "Natives vs. Non-Natives Survey Data Sheet" by checking two boxes (Native or Non-Native and damage or no damage) for 5 native and 5 non-native insects as shown in Activity 9. Answer the "Talk It Over" questions.
- **IMP—learning and Teaching**—Make an informational flier and use it to teach younger 4-H member about 5 insect pests that might be found in a home or school in your county. Exhibit your flier, lesson plan, and photograph of your teaching. Answer the "Talk It Over" questions.
- **Meal from a Worm**—Use the scientific method to study how mealworm larvae grow. Include your hypothesis, data charts, and conclusions. Answer the "Talk It Over" questions.

Requirements: Independent Study: Grades 9-12

- **Advanced topic** - Learn all you can about a topic of your choice and present it on a poster or in an Entomology box. Include a short manuscript, pictures, graphs, and list the works cited to describe what you did and what you learned. Title your poster, "Advanced Entomology - Independent Study"
- **Mentoring** - Exhibit a poster that shows how you mentored a younger 4-H member. Include your planning, the time you spent, the challenges and advantages of mentoring, and how the experience might be useful in your life. Photographs and other documentation are encouraged. Title your poster, "Advanced Entomology – Mentor).

FASHION REVUE

**Exhibit due Saturday prior to the fair
This project is eligible for State Fair**

Fashion revue provides an opportunity for youth to model the outfit constructed in the 4-H sewing project. All articles modeled in Fashion Revue must have been constructed by the 4-H member modeling that same garment or outfit.

State fair fashion revue is limited to youth in grades 8-12. Youth qualifying to exhibit the same garment or outfit in Indiana State Fair Sewing and Fashion Revue must choose which project they wish to participate as one cannot exhibit the same garment or outfit in both projects at state fair.

Grades 3-7 Fashion Revue:

- Youth are able to model their sewn garments following their grade's Sewing Wearable guidelines. See "Sewing" for guidelines.

Grades 8-12 Fashion Revue categories are:

- **Informal or Casual Wear:** A complete outfit of 1 or 2 pieces suitable for school, weekend, or casual, informal activities.
- **Dress Up:** This is suitable for special, church, or social occasions that are not considered to be formal. It may be an outfit of one or more pieces with or without its own costume coat or jacket (lined or unlined). This is not an outfit that would be worn to school, weekend, or casual, informal activities.
- **Free Choice:** A complete outfit comprised of garments that do not fit in the other classifications. Examples include: tennis wear, swim wear, athletic or sportswear, lounge wear, riding habits, historic, dance, theatrical, or international costumes, capes, and unlined coats.
- **Suit or Coat:** The suit consists of two pieces including a skirt or pants and its own lined jacket. It is not a dress with jacket as in "dress up wear". The coat is a separate lined coat. It will be judged separately as a coat with its own accessories.
- **Separates:** Consists of three garments that must be worn as a coordinated complete outfit. Each piece should be versatile enough to be worn with other garments.
- **Formal Wear:** This outfit may be one or more pieces suitable for any formal occasion, such as proms, weddings, and formal evening functions.

DEFINITION OF AN OUTFIT: An outfit is a garment or garments that when put together make a complete look - such as one or two piece dress, or one or two piece pant suit, or a three piece combination, such as pants, vest, and blouse or shirt.

FLORICULTURE

**Exhibit due Saturday prior to the fair
This project is eligible for State Fair**

Youth will learn basic information and skills needed to grow healthy plants and flowers. The project is divided in four different levels.

Note to youth exhibitors: Each Level (A, B, C, D) of the Floriculture project serves more than one grade. You should do a DIFFERENT activity and exhibit each year that you are in the project. For example, if in 3rd grade you display a simple bud vase (category 1), in 4th grade you should choose a poster/notebook option or flower/plant exhibit from categories 2, 3, or 4. You should pay special attention to size guidelines for Flower and Plant Exhibits. Instructions for exhibits and related activities can be found in the 4-H Floriculture student manuals: 4-H 966 Floriculture: Level A; 4-H 967 Floriculture: Level B; 4-H 968 Floriculture: Level C; 4-H 969 Floriculture: Level D; CD-4-H 989 Floriculture: Supplement CD.

Notebook and Poster Guidelines:

- All posters, notebooks, & display boards must give references.

Notebook Guidelines

- Needs to be a sturdy 3 ring binder (with stiff covers) or a bound type notebook (with stiff covers). No report covers or similar styles.
- Make sure the notebook accurately meets the guidelines and objectives of the activities in the manual.
- Information printed directly off the web will not be accepted.
- Materials included in the notebook need to be educational, both for the youth and the audience, and should demonstrate that the youth was able to take what he or she learned from their research (experiment, or on web, in library, etc) and/or activities to create the notebook.
- Work should include references where appropriate.
- Pictures, graphics, and artwork are encouraged.

Poster Guidelines

- Dimensions = 22" x 28" displayed horizontally with stiff backing and must be covered with clear plastic
- Identification included in the lower right corner (name, grade, county).
- Poster should "tell a story" or be informative to the audience. Will the viewer of your poster learn something from the exhibit?
- When designing your poster you should consider: lines, shapes, textures, colors and placement of items.
- Pictures, graphics and artwork are encouraged.
- Make sure the poster accurately meets the guidelines and objectives of the activities in the manual.
- Information printed directly off the web will not be accepted.
- Materials included in the poster need to be educational, both for the youth and the audience, and should demonstrate that the youth was able to take what he or she learned from their research (experiment, or on web, in library, etc) and/or activities to create the poster.
- **All posters, notebooks, and display boards must include a reference list indicating where information was obtained, giving credit to the original author, to complete the 4-H member's exhibit.**

Poster Preparation for Knox County

- All posters will be 22x28 inches and displayed horizontally with the 28 inches across. Vertical posters will be dropped one ribbon placing.
- All 4-H posters must use foam core board. This material can be used as the poster or can have a poster board attached to it.
- Foam core board may be purchased from the Extension Office. If purchased elsewhere, make sure your purchase is 22x28 inches.
- Poster sleeves and salon print sleeves are available for purchase from the Extension Office and recommended. You may cover your poster with other clear plastic that is heavy enough not to wrinkle. Do not use saran wrap.
- All posters must have hook tape secured to the back of the poster along the edges. Hook tape may be purchased from the Extension Office. Please secure the tape 24 hours in advance for best adhesion.

Project/exhibit labels from the Extension Office must be attached to the lower right hand corner of the poster after covering with plastic. Please allow room for this label when organizing your poster presentation.

Requirements: Level A, Grades 3 and 4: Exhibit one (1) of the following:

Flower and Exhibit Categories

1. Create flower arrangement in a simple bud vase; provide your own vase, from cut flowers you grew in your garden.
 - o Vase must be no more than 9 inches tall by 3 inches wide, neck opening of vase not to exceed 1.5 inches and be clear or white only. Include **1-3 stems** of a main flower, along with appropriate amount of filler flower and greenery.
2. Create flower arrangement in a simple bud vase; provide your own vase, from fresh flowers you purchased.
 - o Vase must be no more than 9 inches tall by 3 inches wide, neck opening of vase not to exceed 1.5 inches and be clear or white only. Include **1-3 stems** of a main flower, along with appropriate amount of filler flower and greenery. Flowers should be in their natural state, and not wired for display.
3. Create a simple round arrangement (small, compact round cluster of flowers) with fresh flowers you purchased. Including the vase or container, it must be no larger than 12"x 12".
4. Create a simple round arrangement (small, compact round cluster of flowers) with fresh flowers you grew. Including the vase or container, it must be no larger than 12"x 12".

Poster or Notebook Exhibits

1. Chronicle your work in your flower garden (planning, planting, care, harvest, arrangement made with your flowers)
2. Describe how you planned or designed your garden, including how you chose the kinds of flowers.
3. Explain how you harvested your flowers, cared for them, and used them in an arrangement.
4. Explore and explain: pollination - what it is, why important, different ways it occurs or transplanting - what, how, things to watch out for; or role of insects with flowers (good, bad or both).
5. Explore and explain seed germination or how to care for a 'sick' plant
6. Report on interview with a professional (what do they do, types of jobs, type of training, hours worked, etc.)
7. Describe an experiment you did and the results
8. Describe a community service project you did related to your flowers project

Demonstration

Participate in an action demo at state fair or demonstration contest related to topics for this grade level, or any of those listed above.

Requirements: Level B, Grades 5 and 6: Exhibit one (1) of the following:

Flower and Plant Exhibit Categories

1. Display a mixed planter that may include herbs with foliage plants and/or flowering plants. The planter should include 3 or more kinds of plants and have been planted at least two months before the fair. The container exhibit space must not exceed 18"x 18" (height will be variable). **Must include 4-H 967c "Level B Plant Record"** chronicling the care of your plant.
2. Make an item with dried herbs or dried flowers that you **grew yourself**. Examples of items to exhibit are, but not limited to, a dried flower product, or a simple dried arrangement in a container. Exhibit not to exceed 18"x18"
3. Display one house plant (foliage and/or flowering) in a container not to exceed 10 inches in diameter. There must be only one specimen plant per pot. A flowering plant may be of any color with single or double flowers. Must include **4-H 967c "Level B Plant Record"** chronicling the care of your plant.

Poster or Notebook Exhibits

1. Report how you harvested your flowers and/or herbs, cared for them, dried them, and used them.
2. Explore and explain: insects and your flowers and/or herbs
3. Explore and explain: starting seeds indoors -- the process and pros and cons
4. Explore and explain: perennials -- what are they, how are they used, benefits or drawbacks
5. Investigate and describe: a butterfly garden -- what types of plants, benefits to insects and butterflies, etc.
6. Describe how you planned or designed your garden, including how you chose the kinds of plants, any problems, successes
7. Describe your houseplant - how you cared for, transplanted to larger pot, any problems, or successes
8. Explore and explain: plant biology -- form and function, growth, photosynthesis, etc.
9. Explore and explain: how to grow plants indoors -- things to consider, common problems and solutions
10. Explore and explain: environmental effects related to plants (such as light, water, soil, or temperature)
11. Describe an experiment you did and the results
12. Explore and explain topics from "Imagine That" -- plants around the world, information about different cultural uses of plants, different ways you used your plants/herbs/flowers.

Demonstration:

Participate in an action demo at state fair or demonstration contest related to topics for this grade level, or any of those listed above

Requirements: Level C, 7, 8 and 9: Exhibit one (1) of the following:

Flower and Plant Exhibit Categories

1. Display a terrarium
 - Size of the terrarium should be appropriate for use on a table at home, and no larger than 12" deep, 18" long and 16" high. Must have a cover while on exhibit. See activity information for design.
2. Combination or European planter
 - Exhibit a container of plants (3 or more kinds of plants) that you have planted and cared for a minimum of 2 months. See activity for information on plants and design. The container should not exceed exhibit space of 18" x 18" (height will be variable).
3. Create one (1) corsage or two (2) boutonnieres made from only fresh flowers. Corsages should contain 3 or more blooms. NO artificial flowers or greenery should be used in this category. Bows and decorative items are okay.
4. Create one (1) corsage or two (2) boutonnieres made from silk or other artificial flowers and greenery. Can be created with mixed fresh and artificial materials, or all artificial. Bows and decorative items are okay
5. A dried arrangement in a container or a specialty item (such as, but not limited to, a wreath or swag) made with dried flowers and dried plant materials. NO artificial flowers/plant material should be included. Bows and decorative items are okay. Maximum size 24" x 24", height will be variable.
6. Create a flower arrangement using either roses or lilies as the primary component of the arrangement. Arrangement should be made with all fresh materials (NO artificial, flowers/plant material). Bows and decorative items are okay. The exhibit must not exceed 18" x 18" (height will be variable).

Poster or Notebook Exhibits

1. Explore and explain: vegetative propagation -- how to, different types, problems and solutions, different uses of
2. Explore and explain: plant nutrients -- what are they, why does the plant need them, what happens if the plant has too much or too little, planters or containers vs. garden.
3. Investigate the design of multiple plant containers -- how to, things to consider, selecting plant materials, uses of
4. Describe how you created your corsage or boutonnieres; or dried arrangement. Be sure to include appropriate information on design principles and how they are used to create your arrangement.
5. Explore and explain: floral tools and materials (how to use, what they are, care of tools, different uses of a tool or material)
6. Explore and explain: preserving cut flowers -- how, problems, uses of and/or diseases related to cut flowers
7. Illustrate, explore and explain how you dry flowers or other plant materials and/or describe different methods and/or how, why use them.
8. Explore and explain: medicinal uses and toxicity of fresh and dried flowers and plants.
9. Describe an experiment you did and the results.
10. Describe a career exploration activity you did, such as job shadow, interview with a professional.
11. Describe a community service activity you did related to your flowers project -- what you did, why, results, etc.

Demonstration

Participate in an action demo at state fair or demonstration contest related to topics for this grade level, or any of those listed above

Requirements: Level D, Grades 10, 11 and 12: Exhibit one (1) of the following:

Flower and Plant Exhibit Categories

1. Create a seasonal arrangement from only fresh flower and/or plant materials. Flowers and plant materials specific to a season or holiday should be used. For example, fall mums or spring tulips. Maximum size 24"x24"x36". This category could include a traditional floral arrangement, but also items such as wreaths. Bows and decorative accessories are okay.
2. Create a seasonal arrangement that can include fresh and/or artificial flower/plant material. Flowers and plant materials specific to a season or holiday should be used. Maximum size 24"x24"x36". This category could include a traditional floral arrangement, but also items such as wreaths. Bows and decorative accessories are okay.
3. Create a modern or contemporary style arrangement using fresh flower and plant materials. See manual for suggestions. **Maximum size 24"x24"x36"**. Include a label that states what type of design you have created (botanical, pavè, parallel, free-form, abstract, etc.)
4. Create a bridal bouquet. Proper display of the bouquet should be considered, but only the bouquet will be judged. Bouquet should include **only fresh plant materials**. Bows and decorative accessories are okay.
5. Create a centerpiece for an event, such as a banquet, party, wedding, funeral, or church. Arrangement should be no larger than 24"x 24" x 36" and be made from EITHER fresh flower and/or plant materials or artificial or silk flower and/or plant materials. Bows and decorative accessories are okay.
6. Display a plant that you propagated (and grew and cared for) by tissue culture or other vegetative propagation methods, or flowering bulbs that you forced. Maximum pot size should not exceed 10" diameter. Must include **4-H 969c Level D Plant Record** chronicling the care of your plant.

Poster or Notebook Exhibits

1. Describe how you created your arrangement, include information on the design principles utilized.
2. Explore and explain how you utilize different flowers to make a similar style arrangement for different seasons (tulips in spring, mums in fall, etc.) or how to utilize similar flowers to make different styles of arrangements.
3. Explore and explain: the cost of arrangement and/or a cost comparison with flowers (different types flowers, different time year, etc.).
4. Explore and explain: forcing flowers (bulbs, branches, etc.).
5. Explore and explain: marketing in the floral industry (large or small business) and/ or a market survey and results, and how they can benefit the floral industry.
6. Explore and explain: how to start a business related to the floral industry and may include a business plan.
7. Explore and explain the origins of flowers and/or the floriculture industry around the world.
8. Explore and explain: tissue culture, biotechnology, or traditional breeding of new flower types -- what are they, how are they used, pros and cons.
9. Explore and explain: be a plant detective -- what kinds of problems might you have in growing and caring for flowers, and how to solve.
10. Describe an experiment you did and the results.
11. Describe a community service activity you did related to your flowers project: how, why, results.

Demonstration

Participate in an action demo at state fair or demonstration contest related to topics for this grade level, or any of those listed above

FOODS

Exhibit due Saturday prior to the fair

**Foods, Baked & Foods, Preserved projects is eligible for State Fair.
Create-A-Mix & Microwave Cooking projects are eligible for County Fair.**

Recipe card MUST accompany the exhibit.

All levels are eligible to give an action demonstration to complete their project.

For Food Competitions: Fillings, frostings, glazes, and meringues are not permitted to contain cream cheese, sour cream, heavy cream, or whipped cream if they are not fully cooked/baked. These items are allowed as ingredients in food products IF the final product is cooked/baked. Additionally, raw milk, raw milk products or uncooked eggs/egg whites are not permitted. Eggs/egg whites that have been cooked to 160°F (i.e. pasteurized or included as part of a batter and baked) are acceptable. No home- canned fruits, vegetables, or meats are permitted as ingredients in food products.

Fresh-cut, uncooked, fruits and/or vegetables are not permitted to be used in food products or used as garnishes for the product. Foods should be transported to the competition in a way that minimizes contamination and maintains the quality of the food (i.e. foods that are judged as frozen should remain frozen at all times).

Recipes must be provided that identifies all ingredients that were used in each part of the product. Any ingredient that could be a potential allergen must be clearly identified. Each food product must be labeled with the following information:

- Name
- Address
- Contact information (phone and/or email address)
- Date the food product was made

Contestants should carefully wash their hands and make sure that their hands do not have any open cuts before preparing foods. If cuts are present, the wound should be bandaged and a single use food service glove worn on the hand during all stages of food production. Contestants should not be preparing food exhibits for competition within 48 hours of recovering from any illness. People experiencing symptoms of vomiting, diarrhea, fever, and/or jaundice should not be allowed to prepare food.

Judges and individuals who will consume products from county and/or state competitions should be informed that they are at risk for foodborne illness since the established policy cannot guarantee that an entry has been properly prepared or handled before, during or following the competition. The food products for competitions are home produced and processed and the production area is not inspected by the Indiana State Department of Health. Tasting of a food product is solely at the discretion of the judge and consumers. Judges are NOT to taste any home preserved foods such as low-acid or acidified foods like green beans, tomatoes or tomato products, jams/jellies/fruit preserves or fermented products produced in the home.

Labeling:

1. Cover label with clear plastic wrap so that it will not become grease stained.
2. Tape label to the paper plate or container before the product is wrapped.

Recipe cards:

1. A 4-H recipe card is required for all food exhibits. Be sure to include the recipe source and all the information requested in the exhibit description, as well as your name, county, and the grade level/exhibit option. It is recommended that you wrap the card in plastic wrap or in a plastic bag. Recipe cards will not be returned.
2. Since it is illegal in the State of Indiana for youth under the age of 21 to purchase or consume alcoholic beverages, 4-H members are to use recipes that do not include an alcoholic beverage as an ingredient. A suitable non-alcoholic or imitation product may be substituted.
3. **Recipe Source needs to be included.**

Food preservation jars/containers:

1. All canned products must have the ring on the jar top to protect the seal.
2. Containers will NOT be returned from the Indiana State Fair.

How to prepare products for display.

1. Most food products should be displayed on a paper or foam plate.
2. For cakes - cut a piece of cardboard about 1/2 inch larger than the bottom of the cake. Cover this cardboard with wax paper, plastic wrap, or foil before putting the cake on it.
3. Any product that may be sticky on the bottom, such as some fancy breads, should be put on round, square, or rectangle cardboard. Cover this cardboard with wax paper, plastic wrap, or foil before putting the food product on it.

4. Frozen food exhibits (containers and food) will not be returned to the exhibitor. Please display in freezer bags or disposable freezer containers.
5. Pies should be exhibited in disposable pie tin. Reusable containers or pans will NOT be returned from the Indiana State Fair.

Level A, Grade 3

Foods, Baked – State Fair - Requirements:

Exhibit: Three snack-sized (approximately 2"-3" individual size) drop, molded or bar baked cookies. No glaze or frosting. Include recipe card and display on a dessert size paper or foam plate.

Foods, Preserved – State Fair - Requirements:

Exhibit: A package of 3 baked, snack-sized (approximately 2"-3" individual size) frozen cookies. Display in freezer bag or freezer container. (NOTE: Freezer containers will not be returned.) Include index card with recipe and instructions for defrosting. Label with name of product, quantity, and date frozen.

Create-A-Mix – County Only - Requirements:

Exhibit: Create cookies using a box mix and at least 2 additional ingredients of your choice. Bring a package of 6 cookies. Bring original recipes and the recipes you created.

Microwave Cooking – County Only - Requirements:

Exhibit: A microwave snack – 1 serving in plastic container.

Level A, Grade 4

Foods, Baked – State Fair - Requirements:

Exhibit: Three standard size muffins that contain an ingredient that is a source of Vitamin A or Vitamin C (no muffin liners). Include recipe card.

Foods, Preserved – State Fair - Requirements:

Exhibit one package of frozen berries. Display in freezer bag or freezer container. (NOTE: Freezer containers will not be returned.) Include index card with recipe and instructions for cooking or defrosting. Label with name of product, quantity, and date frozen.

Create-A-Mix – County Only - Requirements:

Exhibit: Create cookies using a box mix and at least 2 additional ingredients of your choice. Bring a package of 6 cookies. Bring original recipes and the recipes you created.

Microwave Cooking – County Only - Requirements:

Exhibit: Microwave fudge – 6 pieces.

Level B, Grade 5

Foods, Baked – State Fair - Requirements:

Exhibit a square, oblong or round layer reduced-fat cake without frosting. Reduce the amount of fat in the recipe by using a fruit puree or baby food fruit product that does not contain yogurt. Include recipe card.

Foods, Preserved – State Fair - Requirements:

Exhibit one uncooked frozen mini-pizza using whole-grain pita bread, english muffin, bagel, or already prepared crust (no larger than 7" in diameter) with toppings of your choice. Include at least 4 MyPlate food groups on your pizza. Meat toppings such as hamburger, sausage, bacon, etc. must be cooked. Display on covered cardboard inside freezer bag. Include index card with recipe and instructions for cooking. Label with name of product, quantity, and date frozen.

Create-A-Mix – County Only - Requirements:

Exhibit: Create brownies using a box mix and at least 2 additional ingredients of your choice. Bring a package of 6 brownies. Bring original recipes and the recipes you created.

Microwave Cooking – County Only - Requirements:

Exhibit: Microwave bar cookies or brownies – 6 bars.

Level B, Grade 6

Foods, Baked – State Fair - Requirements:

Exhibit three no-yeast, any shape pretzels with a whole grain flour mixture (shaped, stick, or nugget) OR 3 no-yeast sweet or savory rolled biscuits with a whole grain flour (no drop biscuits.) Include recipe card.

Foods, Preserved – State Fair - Requirements:

Exhibit one package of any frozen vegetable or combination vegetables. Display in freezer bag or freezer container. (NOTE: Freezer containers will not be returned.) Include index card with instructions for defrosting and cooking. Label with name of product, quantity, and date frozen.

Create-A-Mix – County Only - Requirements:

Exhibit: Create brownies using a box mix and at least 2 additional ingredients of your choice. Bring a package of 6 brownies. Bring original recipes and the recipes you created.

Microwave Cooking – County Only - Requirements:

Exhibit: Microwave upside down cake – one whole cake.

Level C, Grade 7, 8, 9

Foods, Baked – State Fair - Requirements:

Exhibitors may choose one baked product from the following list. It is suggested a participant choose a different option each year, but this is not a requirement.

BAKED PRODUCT OPTIONS:

- Three (3) yeast bread sticks or yeast rolls (any shape, medium size - not a sweet roll), using a whole grain flour mixture such as whole wheat, rye, oat bran, etc. Include recipe card. Participants are expected to learn how to knead bread dough by hand and allow it to rise appropriately. It is NOT acceptable to use a home bread maker.
- A yeast bread (can be loaf, braid, but not rolls) using a whole grain flour mixture such as whole wheat, rye, oat bran, etc. Include recipe card. Participants are expected to learn how to knead bread dough by hand and allow it to rise appropriately. It is NOT acceptable to use a home bread maker.
- One package of a non-perishable, invented healthy snack (such as a granola bar, popcorn snack, trail mix, etc). Your snack must include at least 2 food groups from MyPlate. Exhibit must include your snack product and a separate folder containing a marketing plan with product name, recipe, how it will be packaged, a package design, where it will be sold and suggested selling price. Style your snack for a photo shoot and include the picture in your marketing plan. Label should include product name, date, quantity, and serving size.

Foods, Preserved – State Fair - Requirements:

Exhibitors may choose one preserved product from the following list. It is suggested a participant choose a different option each year, but this is not a requirement.

PRESERVED PRODUCT OPTIONS

- One (1) container of freezer jam. Include index card with recipe and instructions for storing. Label with name of product, quantity, and date frozen.
- One jar of a canned tomato product using the Hot Pack Method for a boiling water bath canner, such as tomato juice, catsup, barbecue sauce, or salsa. Include index card with recipe and instructions for cooking or using the product. Label with name of product, quantity, and date canned. Note: Only food preservation products made using USDA approved or Ball Blue Book recipes are acceptable.
- One jar of a canned pickled product or canned pickles. Include index card with recipe, processing, and storage instructions. (Products using a fancy pack are not accepted.) Label with name of product, quantity, and date canned. Note: Only food preservation products made using USDA approved or Ball Blue Book recipes are acceptable.

Create-A-Mix – County Only - Requirements:

Exhibit: Create quick bread “muffins, corn beard, biscuits, etc.” using a box mix and at least 2 additional ingredients of your choice. Bring a package of 6 pieces or whole container of quick bread. Bring original recipes and the recipes you created.

Microwave Cooking – County Only - Requirements:

Exhibit: Grade 7 – Microwave fruit crisp – one whole crisp
Grade 8 – Microwave coffee cake – one whole cake
Grade 9 – Microwave candy – 6 pieces

Level D, Grade 10, 11, 12

Foods, Baked – State Fair - Requirements:

Exhibitors may choose one baked product from the following list. It is suggested a participant choose a different option each year, but this is not a requirement.

BAKED PRODUCT OPTIONS:

- A single or double crust baked fruit pie (no graham cracker crust). Include recipe card. (Note: Custards, cream, cream cheese frosting and fillings, and raw egg white frosting are not acceptable in an exhibit because they are highly perishable when left at room temperatures.)
- A non-perishable baked food product for a catered meal or special event in which organizers have requested low fat and/or reduced sugar items. Exhibit will include your food product and a notebook outlining how this product is to be used at the event, menu, supplies to buy, preparation schedule, equipment, table layout, etc. A table display is optional and should be no larger than 16" deep x 22" wide x 28" high. Include index card with recipe.
- Select a condition in which people have to specifically modify their eating habits (diabetes, heart disease, Celiac disease, food allergies, etc.) Prepare a non-perishable baked food product appropriate for someone with this condition. Exhibit will include your food product and a notebook summarizing the condition or allergy, nutrition considerations involved with the condition, a description of your baked item, and an explanation of how it fits within the nutrition considerations. Make sure to note any ingredients that could cause an allergic reaction. Include index card with recipe.

Foods, Preserved – State Fair - Requirements:

Exhibitors may choose one preserved product from the following list. It is suggested a participant choose a different option each year, but this is not a requirement.

PRESERVED PRODUCT OPTIONS:

- One jar of pressure canned vegetables, meat or combination product, such as soup, stew, spaghetti sauce with meat, etc. Include index card with recipe and instructions for cooking or using the product. (Products using a fancy pack are not accepted.) Label with name of product, quantity, and date canned. Note: Only food preservation products made using USDA approved or *Ball Blue Book* recipes are acceptable.
- One package of a combination food frozen entree in freezer container. The combination food should contain 3 food groups from MyPlate. Exhibit should include an index card with recipe and instructions for reheating. Display in disposable containers. No containers will be returned. Label with name of product, quantity, and date frozen.
- A jar of cooked jam or a reduced-sugar fruit spread. Include recipe card. Label with name of product, quantity, and date made.

Create-A-Mix – County Only - Requirements:

Exhibit: Create and exhibit a cake or a baked non-perishable product using at least 2 other ingredients in addition to those called for by the box mix. Originality & uniqueness in creating with a mix will also be taken into consideration when judging the advanced division. Bring original recipes and the recipes you created.

Microwave Cooking – County Only - Requirements:

Exhibit: Grade 10 – Microwave double layer or bundt cake – one whole cake

Grade 11 – Microwave pie – 1 whole pie

Grade 12 – Microwave jam or jelly – 1 jar

FORESTRY

**Exhibit due Wednesday prior to the fair
This project is eligible for State Fair**

Poster Preparation

- All posters will be 22x28 inches and displayed horizontally with the 28 inches across. Vertical posters will be dropped one ribbon placing.
- All 4-H posters must use foam core board. This material can be used as the poster or can have a poster board attached to it.
- Foam core board may be purchased from the Extension Office. If purchased elsewhere, make sure your purchase is 22x28 inches.
- Poster sleeves and salon print sleeves are available for purchase from the Extension Office and recommended. You may cover your poster with other clear plastic that is heavy enough not to wrinkle. Do not use saran wrap.
- All posters must have hook tape secured to the back of the poster along the edges. Hook tape may be purchased from the Extension Office. Please secure the tape 24 hours in advance for best adhesion.
- Project/exhibit labels from the Extension Office must be attached to the lower right hand corner of the poster after covering with plastic. Please allow room for this label when organizing your poster presentation.
- **All posters, notebooks, and display boards must include a reference list indicating where information was obtained, giving credit to the original author, to complete the 4-H member's exhibit.**

If you are exhibiting leaves, they should be free of any damage. **If you choose to write scientific names, they must be in either italics or underscored.** (Note: scientific names are required for herbariums.) The Genus (first name) must have the first letter capitalized. The species (second name) has no capitalization.

Requirements: Beginner, Grades 3-5

Exhibit a poster based on one of the following activities

- **Leafing Out-Leaf Differences-** (pp 6 & 7). Collect, dry and mount 6 different species of leaves showing leaf differences: one leaf with opposite arrangement and one with an alternate arrangement, two leaves with different leaf margins, a compound leaf, and simple leaf. Use the 50 Trees of Indiana book (4-H 15-80) as a reference and identify the leaves and group them under the titles of "arrangement," "leaf margins," and "compound or simple." Draw (or copy the picture) and label the parts of a leaf using the diagram from the manual (Level 1). Title your poster, Leafing Out - Leaf Differences.
- **Leafing Out - collection** (pp 6 & 7). Identify and exhibit leaves from 10 different trees that are listed in 50 Trees of Indiana book (4-H 15-80). List at least two unique characteristics of each tree. Title your poster, Leafing Out - Collection.
- **Hold on Tight** (pp 10 & 11), Dig up a small plant root system and display along with a drawing of the root system with the anchor, lateral, and feeder roots identified and the "Parts of a Tree" diagram (4-H 641B).
- **Down in the Dirt** (pp 20 & 21), collect roots from 3 different habitats: woods, near a creek, and in a pasture or prairie. (Note: do not use the habitats listed in your manual.) Display the roots along with the completed root test chart (copy or recreate) showing the color, size, and shape information. Include any unique features you noted.
- **My Couch is a Tree?** (pp 30 & 31), Use pictures (draw, cut from magazines, print, or take photographs) to show 10 things in and around your home that are made from wood.
- **Fun in the Forest** (pp 32 & 33), Visit a state park or forest, take your 50 Trees of Indiana book (4-H 15-80), diagram the trails you hiked, and list the types of trees you saw. Photographs of you hiking and some of the trees you saw will help tell your story.

Requirements: Intermediate, Grades 6-8

Exhibit a poster based on one of the following activities:

- **The Leaf Machine** (pp 8 & 9), copy, draw, or find a picture of a cross-section of a leaf. Label the 7 parts. Give the chemical reaction for photosynthesis, defining the chemicals: CO₂, H₂O, O₂, and C₆H₁₂O₆. Be sure to balance your equation! There should be the same number of Carbon, Oxygen, and Hydrogen molecules on each side of the equal sign. You may need to ask an older (high school) 4-H member or science teacher for help. Draw the tree canopy, trunk, and roots (or use the tree diagram, 4-H 641B) and identify the crown, trunk (with the parts; heartwood, sapwood, cambium, and bark listed on the right), feeder roots, and anchor roots.
- **My State's Forests** (pp 14 & 15), use a map, draw, or find a picture of Indiana on the Internet (e.g., www.igic.org). Show where your home, your school, and your fairgrounds are located. Choose one of the following options to complete your poster.

- Show where Indiana's state forests are located. List a few facts about each. Visit a state forest and have someone take your picture by the sign, if possible.
- Show where some state parks and state forests are located (5-15). List some facts about each one. Visit a state park or forest and have someone take your picture by the sign, if possible.
- **Someone Call a (Tree) Doctor and Stop Bugging Me** (pp 22-25), Collect 10 samples of tree leaves, twigs, stems, or roots damaged by insects or disease and the fruiting body or disease that caused the damage. List information about the insect or disease and the species of tree that was affected.
- **Fire in the Forest** (pp 26 & 27), explain the Fire Triangle and describe what happened during and after a famous forest fire. Drawings or pictures will help tell the tale.
- **Growing Every Day** (pp 30 & 31), Complete the table to calculate the volume of 5 large trees that you can find and measure in your county. Research to find out how to make and use a Tree Measuring Stick (FNR-4) and use that to calculate the volume of each tree. Explain why you think your results varied with the two methods of determining tree volume (the one in your 4-H manual or using a tree measuring stick).
- **Tree Planting** Plant 1-3 shade trees. Include information about the tree (or trees) you planted, why you chose the species you did, what are the benefits of this tree, and how tall this tree (or trees) will be when mature. Explain why you chose the planting site that you did, where you found your planting information, what steps you followed, the hole size, care of your tree (watering and weed control), and any other information you can give. Include a picture of your tree (photo or a drawing). Reference: FNR-FAQ-18-W

Requirements: Advanced, Grades 9-12

Exhibit a poster based on one of the following activities:

- **A World of Forests** (pp 16 & 17), indicate the 3 major forest biomes on a copy, drawing, or picture of the world. Complete the table given in the activity.
- **City Trees** (pp 20 & 21), complete the questions about Tree City (page 20). Show (draw or use pictures) some trees that are often used in city plantings and explain the benefits of these trees.
- **Trim the Trees** (pp 26 & 27), explain the 5 different kinds of tree pruning for urban trees. List some do's and don't's of proper pruning.
- **My Boss is a Tree** (pp 34 & 35), list 5 jobs that require a knowledge of trees and forestry. Explain the training and education that is needed and what types of things you might be doing if you had this job.
- **Tree Planting** - Present a tree planting plan for at least 100 trees. Include the type of trees you planted, pictures, cost, method of planting, weeding, pruning your trees, and any additional information. Your exhibit must have a title, labels, backing, and plastic covering as required in the manual. Reference: FNR-FAQ-18-W
- **Herbarium Collection - Trees** Collect 25 terminal twigs and at least two leaves, if space allows (only one compound leaf is required), from native forest trees. Mount the specimens on 11 ½" x 16 ½" paper. One leaf on the twig must be mounted to show the back side of the leaf. Label each sheet with the following: common name, scientific name, where collected, county where collected, date collected, name of collector, and specimen number. **Cover each specimen.** There are no specific references given for these exhibits. Youth are encouraged to use Extension publications, Internet, books, and forest specialists to develop these items.

Note: Your herbarium collection must be accessible to the judges. Do not cover it under the plastic that covers your poster. You may want to attach a folder or other holder over your poster to hold the mounted, covered specimens.

- **Herbarium Collection - Shrubs** Collect 25 terminal twigs, with leaves attached, from native shrubs. Mount the specimens on 11 ½" x 16 ½" paper. One leaf on the twig must be mounted to show the back side of the leaf. Label each sheet with the following: common name, scientific name, where collected, county where collected, date collected, name of collector, and specimen number. **Cover each specimen.** There are no specific references given for these exhibits. Youth are encouraged to use Extension publications, the Internet, books, and forest specialists to develop these items.

Note: Your herbarium collection must be accessible to the judges. Do not cover it under the plastic that covers your poster. You may want to attach a folder or other holder over your poster to hold the mounted, covered specimens.

Requirements: Independent Study, Grades 9-12

Advanced topic - Learn all you can about an Indiana or Eastern Deciduous forestry topic of your choice and present it on a poster. Include a short manuscript, pictures, graphs, and list the works cited to describe what you did and what you learned. Title your poster, "Advanced Forestry - Independent Study."

Mentoring - Exhibit a poster that shows how you mentored a younger 4-H member. Include your planning, the time you spent, the challenges and advantages of mentoring, and how the experience might be useful in your life. Photographs and other documentation are encouraged. Title your poster, "Advanced Forestry - Mentor."

GARDEN

**Exhibit due Saturday prior to the fair
This project is eligible for State Fair**

The gardening project introduces vegetable and herb gardening. The Gardening project is divided into four different levels:

Level A: See Them Sprout (3rd and 4th grades)

Level B: Let's Get Growing (5th and 6th grades)

Level C: Take Your Pick (7th-9th grades)

Level D: Growing Profits (10th-12th grades)

What can I learn?

You will learn about planning a vegetable garden, planting, fertilizing, different vegetable pests, harvesting, storage techniques and careers.

Exhibit Introduction

See 4-H garden manuals and 4-H 970-W for exhibit preparation suggestions.

Garden Manuals:

4-H-1037 — Garden Level A: See Them Sprout

4-H-1038 — Garden Level B: Let's Get Growing

4-H-1039 — Garden Level C: Take Your Pick

4-H-1040 — Garden Level D: Growing Profits

4-H-1041-W — Garden Helper's Guide

All posters, notebooks, and display boards must include a reference list indicating where information was obtained, giving credit to the original author, to complete the 4-H member's exhibit. This reference list should/might include web site links, people and professionals interviewed, books, magazines, etc. It is recommended this reference list be attached to the back of a poster or display board, be the last page of a notebook, or included as part of the display visible to the public. A judge is not to discredit an exhibit for the manner in which references are listed.

Poster Guidelines

- Posters should be 22" x 28" displayed horizontally with stiff, light weight backing and must be covered with clear plastic
- Identification should be on the front in the lower right corner (name, grade, county).
- Poster should "tell a story" or be informative to the audience. Will the viewer of your poster learn something from the exhibit?
- When designing your poster you should consider: lines, shapes, textures, colors and placement of items.
- Pictures, graphics and artwork are encouraged.
- Make sure the poster accurately meets the guidelines and objectives of the activities in the manual. Information printed directly off the web will not be accepted.
- Materials included in the poster need to be educational, both for the youth and the audience, and should demonstrate that the youth was able to take what he or she learned from their research (experiment, or on web, in library, etc.) and/or activities to create the poster.
- **All posters, notebooks, and display boards must include a reference list indicating where information was obtained, giving credit to the original author, to complete the 4-H member's exhibit.**

Requirements

Level: All levels

Project Completion Recommendations

1. Read and study 4-H Garden manual(s).
2. Plan your garden.
3. Select plants and seeds.
4. Plant your garden.
5. Care for your garden.
6. Harvest your produce.
7. Exhibit your produce.
8. Try something new, as listed in the manual.
9. Keep a complete record of your garden activities.
10. Complete activities as required in manual.

Exhibit

4-H 970-W has been updated as of October 2015 with more specimens and new required numbers of specimens. Please carefully read these changes if you plan to exhibit at the State Fair. Follow your county Fair Book for county exhibit guidelines.

I. Single Vegetable

May be selected from 4-H Garden Publication 4-H 970-W (**updated yearly**) or list in the State Fair Premium book. Maximum of 5 different single plate exhibits per exhibitor. Single vegetable entries should be labeled with common name, Latin name, and variety of vegetable. The Latin names can be found in 4-H Garden Publication 4-H 970-W.

Example:

Green bean (*Phaseolus vulgaris*)
'Blue Lake 47 Bush'

II. Garden Collection

- three (3) plates
- four (4) plates
- five (5) plates

In all three classes, vegetables are to be exhibited on paper plates and may include a display of not less than three garden flowers, grown in your own garden. Exhibitors may each exhibit one collection (3 or 4 or 5 plate garden collection) at State Fair. Garden collection entries should be labeled with common name, Latin name, and variety. Latin names can be found in 4-H Garden Publication 4-H 970-W.

III. Single Herb Exhibit

- Can enter three single herbs (all edible types) that must be labeled with common and Latin names and in pots 8" diameter maximum. (maximum of three different pots)
- Resource HO-28; 4-H 970-W
- For list of herbs acceptable for State Fair, see State Fair handbook or 4-H 970W.

IV. Garden Education

Anyone can complete Section IV (Garden Education), but members enrolled in Levels C and D of the garden project SHOULD exhibit one of the following activities in addition to the Produce Exhibit (Section I, II and III)

Produce Options

1. Exhibit four (4) plates containing two cultivars of two different kinds of vegetables in your garden. *For example:* display tomato *Rutgers* and tomato *Roma* on two plates and spinach *Melody* and *America* on two plates. Label the cultivars you exhibit.
2. Label and exhibit three unusual vegetables (may or may not be discussed in your 4-H Garden Manual) you grew in your garden this year. If not listed in the vegetable display chart, check with your Extension office. *For example:* spaghetti squash, head lettuce, etc.

Poster Options

3. Make a poster of five commonly found diseases in vegetable gardens, the damage caused by each, and the control options for each.
4. Make a poster of five commonly found vegetable garden insects: beneficial (good guys) and/or injurious (bad guys), benefits or damage caused by each, and the related management practices (how to keep the beneficial, and how to control the injurious insects).
5. Make a poster of a maximum of 10 pests (diseases, insects, weeds, and/or rodents) you found in your garden this year, damage caused, control measures used, and results.
6. Make a poster explaining a computer garden program or mobile application.
7. Make a poster showing a picture story of what you did in your garden this year.
Example: how you planned, planted, and maintained your garden.
8. Make a poster showing your financial record.
9. Make a poster of pictures showing your experiences in hydroponics.
10. Make a poster explaining various career options working with vegetables/herbs.
11. Make a poster explaining types of pollinators and their importance in vegetable and fruit production.
12. Make a poster that shows the different types of plant parts that are consumed by humans. Be sure to identify the fruit or vegetable and categorize it by root, stem, leaf, or flower.
13. Make a poster that shows different storage methods for vegetables.
14. Make a poster showing how to create a raised bed OR container vegetable garden.
15. Make a poster discussing how herbs listed on the last page of 4-H Garden Publication 4-H 970-W are used and have been used throughout history. Be sure to include both culinary and medicinal uses as well as other unique uses, if any.

V. Potatoes Tray

You must provide your own tray. Inside dimensions of tray for potatoes are approximately 12-1/2 x 18 inches; they will hold about 30 potatoes. Any variety may be exhibited.

Awards for Garden Project:

- Garden Exhibit
 - Award Division Champion & Reserve Division Champion to the following: Single Vegetable, 3 Plate, 4 Plate, & 5 Plate. Pick your Grand & Reserve Grand Champion Garden Exhibit from the Division Champions.
- Watermelon
 - Award Grand & Reserve Grand Champion Watermelon. No Division Champion.
- Tomatoes
 - Award Division Champion & Reserve Division Champion to each type of Tomatoes. Pick the Grand & Reserve Grand Champion Tomatoes from the Division Champions.
- Potatoes Tray
 - Award Grand & Reserve Grand Champion Potatoes Tray. No Division Champion.
- Herb
 - Award Division Champion & Reserve Division Champion to each type of Herb. Pick the Grand & Reserve Grand Champion Herb from the Division Champions.
- Educational Poster
 - Award Division Champion & Reserve Division Champion to each age group (Junior, Intermediate, & Senior). Pick the Grand & Reserve Grand Champion Educational Poster from the Division Champions.

Resources

4-H Garden Publication 4-H 970-W

GENEALOGY

**Exhibit due Wednesday prior to the fair
This project is eligible for State Fair**

GENEALOGY is the science of tracing one's family back through previous generations. In the 4-H Genealogy project, you will have an opportunity not only to learn about your family but about HISTORY (your ancestors were there when it was happening) and GEOGRAPHY (they came from all over the world). You will learn how to research a variety of sources in the hope of finding the pieces to your family puzzle. Most of all we hope you will enjoy the project and learn more about yourself while you learn about your ancestors. You must start with Division 1, not by grade in school. You may use a computer program. You will need to include **ALL** project requirements for your individual division whether using a genealogy program for computers or handout sheets.

Forms for this project are found on the Indiana 4-H Web site www.extension.purdue.edu/4h click on "projects" and then on Genealogy to reach downloadable forms. This project is organized into divisions and not grades for a youth cannot start in Division 3 without first completing Division 1 and Division 2. This is a project that builds on the previous division information in order to be successful in building your family tree. If you are using a genealogical commercial software program, you may need to type in or hand write in information required by the Indiana 4-H genealogy project. See 4-H forms on the 4-H website linked above.

The exhibit will consist of no more than four (4) notebooks for Division 1-4 and first year Advanced Division. (If a notebook requires additional space, label it as notebook x, continued.) Those notebooks are:

- Book #1 – 3" D-ring binder, contains introduction sheet, pedigree charts and family group sheets
- Book #2 – 2" D-ring binder, contains additional information worksheets and diary of work
- Book #3 – 3" D-ring binder, contains supporting documents, pictures, etc.
- Book #4 – 3" D-ring binder, contains Advanced Division options only (Begin using this notebook in first year of the advanced division or the fifth year of project enrollment.)
- Another notebook should be maintained and kept in a secure place at home to keep original personal and legal documents as well as previously exhibited work.

Notebooks should be tabbed and in the following order:

Book #1 - Introductory Page; Pedigree Charts; Family Group Sheets

Book #2 - Additional Information Worksheets; Diary of Your Work

Book #3 - Any Other Documents (label with ancestor numbers on tab)

Book #4 – Advanced Division Options (label each tab separately with the specific option); Diary of Your Work (this will be a second diary describing work done for each advanced division option)

Pedigree Charts, Family Group Sheets, Additional Information Worksheets, and Diary Sheets are to be placed in the notebook back-to-back in sheet protectors to save space, reduce the information being damaged, and reduce the number of sheet protectors required.

So the notebook exhibit can be displayed to the public and to minimize the potential of identity theft, original legal documents are NOT to be included in the exhibit notebook. Instead, a photocopy of any legal document is to be included in the notebook and all identifiable information (like social security numbers) except for names is to be completely marked out. Original legal documents are to be kept in a secure location by the 4-H member and his/her family.

All posters, notebooks, and display boards must include a reference list indicating where information was obtained, giving credit to the original author, to complete the 4-H members exhibit. This reference list should/might include web site links, people and professionals interviewed, books, magazines, etc. Reference notations are to be made in the "source" column of the Family Group Sheet and on each document.

If information on a family member is unknown, an additional information worksheet for each required ancestor is still required. Write "unknown" or "NIA" (no information available) in PENCIL for each sheet of unknown ancestors or list several ancestors on a page and insert page in proper numerical order.

After exhibiting the 1st year of the ADVANCED Division, only the Advanced Division notebook (Book #4) with ALL OPTIONS (no pedigree charts, no family group sheets, no additional information sheets, no documents from Divisions 1-5) needs to be exhibited each year the genealogy project continues.

Suggested Genealogy Supply List:

- Four 3" D-ring notebooks (Book #1, #3, #4 will be exhibited and the fourth 3" D-ring notebook to maintain documents at home and NOT exhibited.)
- One 2" D-ring notebook (Book #2)
- Computer or legible printing/handwriting (be consistent with method used)
- #2 lead pencil with soft eraser
- Black ink pen
- Yellow highlighter
- Fine point permanent Black marker
- Acid free and non-glare sheet protectors
- Acid free paper
- Acid free glue stick
- Acid free satin Scotch tape
- Scissors
- Correction tape
- Notebook tabs AND acid free dividers (several tabs will be needed, be consistent with style used, should not appear past edge of notebook)
- Lots of creativity to make the exhibit your own while still following the exhibit guidelines.

Requirements: Division 1

1. Exhibit notebook that includes the following:
 - Book #1
 - An Introduction page with a recent photograph of yourself.
 - Completed three-generation pedigree chart. This includes you, your parents, and your grandparents, ancestors #1 through #7. Put all surnames in capital letters and all dates in military form (12 July 1974). Give each person a number, as described in the "Recording the Information" section of the Indiana 4-H Genealogy Resource Guide 4-H 748. **You must use the pedigree charts listed at the www.extension.purdue.edu/4h, 4-H 748Pc-W or 4-H 748Pbw-W** or the commercial software forms, but not the old "packet" pedigree charts.
 - A Family Group Sheet for your parents and each pair of grandparents. Sources of information MUST be filled in on family group sheets (see section "Recording the Information").
 - Book #2 (Ancestors 1-7 information)
 - Four (4) "Additional Information Worksheets": one(1) for you, the 4-H member
 - one (1) for your parents
 - one (1) for each set of grandparents (total = two worksheets)
 - A diary of your work
 - Book #3 (Ancestors 1-7 information)
 - Any documents or pictures pertaining to these three generations. Documents must be labeled with ancestor name and ancestor number. Pictures need to be labeled with ancestor name, plus names of all known people, place and date picture was taken, as well as ancestor numbers.

Requirements: Division 2

1. Exhibit notebook that includes the following:
 - Book #1
 - Four-generation pedigree chart. This would include you, your parents, grandparents, and great-grandparents, ancestors #1 through #15. **You must use the pedigree charts listed at www.extension.purdue.edu/4h, 4-H 748Pc-W or 4-H 748Pbw-W** or the commercial software forms, but not the old "packet" pedigree charts
 - A Family Group Sheet for each pair of great-grandparents. Sources of information filled in on family group sheets (see section "Recording the Information" in the Indiana 4-H Genealogy Resource Guide 4-H 748).
 - Book #2 (Ancestors 8-15 information)
 - An additional information worksheet for each set of great grandparents.
 - A diary of your work
 - Book #3 (Ancestors 8-15 information)
 - Any photographs taken of tombstones of your ancestors and their children. Please document location of tombstone(s) and label with ancestor name, ancestor number, and date photo was taken. Rubbings are acceptable in lieu of photographs.
 - Any other documents or pictures pertaining to these generations, correctly labeled.
2. Exhibit Book #1, Book #2, and Book #3, which should only include Division 2 ancestors 8-15 and related information.

Requirements: Division 3

1. Exhibit notebook that includes the following:
 - Book #1
 - Five-generation pedigree chart, ancestors #1 through #31. Computer programs do not generally print chart numbers, so if you are using a computer program, make sure you have the correct number of ancestors. If an ancestor is UNKNOWN, please indicate as UNKNOWN. **You must use the pedigree charts listed at www.extension.purdue.edu/4h, 4-H 748Pc-W or 4-H 748Pbw-W**, or the commercial software forms, but not the old "packet" pedigree charts
 - Additional Family Group Sheets for generation five (5). Sources of information must be filled in on family group sheets (see section "Recording the Information" in Indiana 4-H Genealogy Resource Guide 4-H 748.).
 - Book #2 (Ancestors 16-31 information)
 - Additional information worksheets
 - A diary of your work
 - Book #3 (Ancestors 16-31 information)
 - Write an autobiography, the story of your life. Include pictures, relevant dates, and important events. OR, write an essay about what your hopes and dreams are for the future, or about life goals you hope to attain.
 - Any documents or pictures pertaining to these generations, correctly labeled.
2. Exhibit Book #1, Book #2, and Book #3, which should only include Division 3 ancestors 16-31 and related information.

Requirements: Division 4

1. Exhibit a notebook(s) that includes the following:
 - Book #1
 - Six-generation pedigree charts, ancestors #1 through #63. Computer programs do not generally print chart numbers, so if you are using a computer program, make sure you have the correct number of ancestors. **You must use the pedigree charts listed at www.extension.purdue.edu/4h, 4-H 748Pc-W or 4-H 748Pbw-W**, or the commercial software forms, but not the old "packet" pedigree charts
 - Additional Family Group Sheets for generation six (6). Sources of information must be filled in on family group sheets (see section "Recording the Information").
 - Book #2 (Ancestors 32-63 information)
 - Additional information worksheets
 - A diary of your work
 - Book #3 (Ancestors 32-63 information)
 - A copy of a photograph or a story of a sixth-generation ancestor. Include information about the date when the photograph was taken, how or where you found it and what's happening in it or why it was taken. If this is unavailable, write a story about the historical period during which your sixth generation ancestor was living.
 - Any documents or pictures pertaining to these generations, correctly labeled.
2. Exhibit Book #1, Book #2, and Book #3, which should only include Division 4 ancestors 32-63 and related information.

Requirements: Advanced Division

1. Exhibit notebook that includes the following:
 - Book #1
 - Seventh and eighth-generation pedigree charts, ancestors #64 through #255. If ancestry is unknown, please indicate as Unknown. Computer programs do not generally print chart numbers, so if you are using a computer program, make sure you have the correct number of ancestors.
 - Your family group sheet for generations seven and eight.
 - Sources of information filled in on family group sheets (see section "Recording the Information" in the Indiana 4-H Genealogy Resource Guide, 4-H 748).
 - Book #2 (Ancestors 64-255 information)
 - Additional Information worksheets
 - Diary of your work
 - Book #3 (Ancestors 64-255 information)
 - Any documents or pictures pertaining to these generations; correctly labeled.
 - Book #4
 - One new advanced level option (see below). Advanced division exhibitors must include ALL options submitted in prior years, with each option labeled with the year completed.
2. Turn in a completed record sheet.

Pedigree charts are available on the Indiana 4-H Web site for your additional genealogy research. EACH YEAR FOLLOWING, continue to add ancestors to your pedigree charts. In addition, choose one of the following options that has not been completed previously. Please identify, by letter, the option that you are completing (for example: Advanced Division, Year 1, Option A; Advanced Division, Year 2, Option C; etc.)

Continue on next page.

Advanced Division Year 2 and beyond – Exhibit Book #4 that contains advanced division options and a second diary of work. If additional ancestry information was found in the seventh and eighth generation, exhibit Book 1 noting ancestors completed this year along with Books 2 and 3 demonstrating this year's work.

EXPLAIN the information received as to how it relates to you and your ancestors. Copies of documents obtained in previous divisions are acceptable and should be utilized in the option chosen if needed.

- A. A migration map of your eight-generation ancestors. You should have at least one map per family line with charts or explanations of the migrations.
- B. A timeline historical report of a family line. Show how this family fits into history. Document your report as well as possible with dates, records, places or maps, pictures, etc. Be sure to include proper labels and sources.
- C. A census history of a family line. Census abstract forms can be found on several websites. Download forms to abstract the census. Your notebook should contain copies of the census and the completed abstract form for each census.
- D. A history of your family's religious background for any family line or lines. Include a brief history of the denomination. Include baptism, confirmation or profession of faith and membership records. Also include information or history of the congregations involved. Be sure to include proper labels and sources.
- E. A history of your family's military service for a family line. Include supporting documents when possible. These documents could include military records, (muster rolls, discharge papers, etc.), pension records, and bounty land records, as well as maps and pictures. Be sure to include proper labels and sources.
- F. A research paper on a famous ancestor. Prove your relationship to this person with documentation. Try to include pictures and anecdotes to enhance your paper.
- G. Complete a family line or lines back as many generations as possible beyond eight generations (ancestors 256 and beyond). Include pictures, maps and documents. Be sure to include proper labels and sources.
- H. A timeline historical report of another family line not previously completed. Document as well as possible as in Option B. You need to state at the beginning that this is a second family historical report on such ancestor.
- I. A history of your family's military service for a family line not previously completed. Include supporting documents as in Option E. You need to state at the beginning that this is a second family military history report on such ancestor.
- J. Family DNA history. (This can be a very expensive option) Please include charts and explanations. i.e. use pie charts, ethnicity estimates, approximate percentage regionally, number of countries searched, genetic percentage, family tree, graphs, etc.

GEOLOGY

**Exhibit due Wednesday prior to the fair
This project is eligible for State Fair**

Create an exhibit to show the public some of the geology specimens you have collected. Exhibits must be displayed horizontally, sized 22" x 28," mounted on a firm backing (foam-core board or other), and covered in clear plastic or other transparent material. Or, you may display your specimens in an insect display box (18 x 24 inches), orientated horizontally. Include actual specimens in your exhibit, whenever possible. You can make your own labels for your specimens. See the suggested label format found in the Indiana 4-H geology manuals. Boxes make your specimens more secure. Do not put valuable specimens on posters where they can be removed quickly. Be sure to include a label with your name, grade, and county. Choose one of the topics listed below, appropriate for your grade in school, and use that name for your title. Titles must be in the front of the poster or box.

Poster Preparation

- All posters will be 22x28 inches and displayed horizontally with the 28 inches across. Vertical posters will be dropped one ribbon placing.
- All 4-H posters must use foam core board. This material can be used as the poster or can have a poster board attached to it.
- Foam core board may be purchased from the Extension Office. If purchased elsewhere, make sure your purchase is 22x28 inches.
- Poster sleeves and salon print sleeves are available for purchase from the Extension Office and recommended. You may cover your poster with other clear plastic that is heavy enough not to wrinkle. Do not use saran wrap.
- All posters must have hook tape secured to the back of the poster along the edges. Hook tape may be purchased from the Extension Office. Please secure the tape 24 hours in advance for best adhesion.
- Project/exhibit labels from the Extension Office must be attached to the lower right hand corner of the poster after covering with plastic. Please allow room for this label when organizing your poster presentation.
- **All posters, notebooks, and display boards must include a reference list indicating where information was obtained, giving credit to the original author, to complete the 4-H member's exhibit.**

Notes

- You may purchase your specimens and may display rocks, fossils, and minerals. If you purchase a specimen, indicate when and where you purchased it and the location where you would expect to find the specimen. If you collect a specimen, indicate the county and township where you found it.
- Posters and display boxes will be exhibited standing up at the Indiana State Fair. Therefore, you need to mount your specimens securely. Project leaders suggest the following methods: soaking ½ cotton ball in Elmer's glue, hot glue, or clear tub sealant. Place the cotton ball in your box and put your rock (or fossil or mineral) on the cotton ball and let sit. It will take 1-2 weeks for Elmer's glue to fully harden. Specimens mounted with Elmer's glue can be removed by soaking the cotton ball in water. Glue remaining on the rock may be brushed off with an old, damp toothbrush.
- When exhibiting rocks, show a fresh surface to help judges identify the rock.
- Labels - Include the specific geographical location where you would expect to find any specimens as well as where you actually acquired it (found, purchased, etc.).
- Do not identify your specimens any further than phylum and class. There is one exception to this for fossils which are identified to phylum OR class. Class should only be used for fossils of mollusks, backboned animals, and arthropods.

Requirements: Beginner, Grade 3-5

Display a poster (or use an exhibit box) based on one of the following activities:

- **The Rock Cycle.** (Activity 2). Explain the rock cycle using both words and pictures.
- **Rock Types** (Activities 2-4). **Display rocks from the three major types:** igneous, sedimentary, and metamorphic. Examples of each include: Igneous - granite, basalt, gabbro; Sedimentary - limestone, dolomite, shale, chert, gypsum; and Metamorphic - quartzite, schist, marble, slate.
- **How Rocks Change.** (Activity 4). Color and display the picture in your book or draw and color your own on your poster. Briefly describe the earth processes that are shown.
- **Rock Artwork** (Activity 12). Display your rock artwork and the story that you created.
- **Collections.** (Activity 11). Display and identify 8 rocks.
- **Making Crystal Models.** (Activities 14 & 15). Display the crystal forms characteristic of most minerals (cubic, tetragonal, hexagonal, orthorhombic, monoclinic, triclinic) in a display box with their name and mineral with this form. You may color, paint, or use markers on your crystal models.

- **Molds and Casts.** (Activities 16 & 17). Display three molds and/or casts in a display box. Describe the steps that you followed to create a mold or cast.

Requirements: Intermediate, Grades 6-8

Display a poster (or use an exhibit box) based on one of the following activities:

- **Rocks with Different Textures.** Identify and display six rocks with three very different textures (two rocks of each general type). Include three grades of sandpaper and show how the differences in sandpaper is similar to the differences in rock texture.
- **Indiana Limestone.** Show and label pictures or photographs of ten buildings, sculptures, or monuments made from Indiana limestone.
- **Mineral properties and tests.** Explain the characteristics: crystal form, cleavage, hardness, appearance, and streak. Explain tests used in identifying specimens. Examples you might include are streak, acid, hardness, chemical analysis, and specific gravity.
- **How We Use Minerals.** Show 10 common products that contain minerals. Explain the minerals that are contained in these products and the characteristic that makes them useful.
- **Geologic Time.** Create a display to show the major geologic eras. Indicate the names, specific features, and approximate length of each.
- **Indiana's Glaciers.** Show the extent of Indiana's three main glaciers.
- **Indiana Geology.** Exhibit a map or sketch of Indiana showing at least ten sites with interesting geological formations. Describe the formation and sketch or show a picture of the formation.
- **Field Trip.** Describe a geology field trip that you took. Describe where you went and what you learned. Include photographs (if possible) or sketch what you saw.
- **Collections.** Display and identify one of the following: 8-16 minerals, fossils, or 4-8 of each (half minerals and half fossils). You may exhibit a new collection in subsequent years but not one you have already exhibited.

Requirements: Advanced, Grades 9-12

Display a poster (or use an exhibit box) based on one of the following activities:

- **Geology Research.** Prepare a display to teach others about the topic you studied. Include an appropriate title, abstract (brief description of your topic), and photographs, drawings, charts, or graphs that help explain your topic. This activity may be repeated if a new topic is chosen in subsequent years.
- **Lapidary and Jewelry.** Show how stones and minerals are turned into polished stones and jewelry. Show and explain the steps involved.
- **Miniatures.** Display five miniatures in a display box and explain the benefits of collecting miniatures and how they are prepared.
- **Indiana's State Parks or Forests.** Create a matching game of Indiana's State Parks or Forests and a brief description. This exhibit option should include geological features of the park or forest.
- **Indiana, U.S., or World Geology.** Teach others about one Indiana, U.S., or World Geology topic.
- **Career Exploration.** Prepare a display that explains your interview with someone who needs an understanding of geology to do their job.

Requirements: Independent Study, Grades 9-12

- **Advanced topic** - Learn all you can about a geology topic and present it on a poster. Include a short manuscript, pictures, graphs, and list the works cited to describe what you did and what you learned. Title your poster, "Advanced Geology - Independent Study"
- **Mentoring** - exhibit a poster that shows how you mentored a younger 4-H member. Include your planning, the time you spent, the challenges and advantages of mentoring, and how the experience might be useful in your life. Photographs and other documentation are encouraged. Resources must be from educational or government entities. Title your poster, "Advanced Geology - Mentor."

HEALTH & WELL-BEING
Exhibit due Wednesday prior to the fair
This project is eligible for State Fair

An Action Demonstration may be presented at all levels.

Poster Preparation

- All posters will be 22x28 inches and displayed horizontally with the 28 inches across. Vertical posters will be dropped one ribbon placing.
- All 4-H posters must use foam core board. This material can be used as the poster or can have a poster board attached to it.
- Foam core board may be purchased from the Extension Office. If purchased elsewhere, make sure your purchase is 22x28 inches.
- Poster sleeves and salon print sleeves are available for purchase from the Extension Office and recommended. You may cover your poster with other clear plastic that is heavy enough not to wrinkle. Do not use saran wrap.
- All posters must have hook tape secured to the back of the poster along the edges. Hook tape may be purchased from the Extension Office. Please secure the tape 24 hours in advance for best adhesion.
- Project/exhibit labels from the Extension Office must be attached to the lower right hand corner of the poster after covering with plastic. Please allow room for this label when organizing your poster presentation.
- **All posters, notebooks, and display boards must include a reference list indicating where information was obtained, giving credit to the original author, to complete the 4-H member's exhibit.**

Requirements: Beginner, First Aid in Action - Grade 3

Exhibit a poster on one of the following topics or any other topic covered in Level A:

1. First Aid for Cuts and Scrapes
2. First Aid for Choking
3. First Aid for Strains, Sprains, and Bruises
4. A family first aid kit

Requirements: Beginner, First Aid in Action -Grade 4

Exhibit Requirement Options

- Exhibit a poster on one of the following topics or any other topic covered in Level A.
 1. First Aid for Treating Nosebleeds
 2. First Aid for Foreign Objects
 3. First Aid for Stings or Bites
- A family first aid kit (including at least 1 Make Your Own item discussed in your 4-H manual)

Requirements: Beginner, First Aid in Action - Grade 5

Exhibit Requirement Options

- A poster on one of the following topics or any other topic covered in Level A:
 1. First Aid for Poisons
 2. First Aid for Broken Bones
 3. First Aid for Burns
- A family kit for an emergency (tornado, snowstorm, no electricity, fire, etc.)

Requirements: Intermediate, Staying Healthy - Grade 6

Exhibit Requirement Options

- A poster on one of the following topics or any other topic covered in Level B:
 1. Human viruses or bacteria
 2. Keeping hair, skin, nails, teeth, ears or eyes clean
- A report of three activities you completed in the 4-H manual

Requirements: Intermediate, Staying Healthy - Grade 7

Exhibit Requirement Options

- A poster on one of the following topics or any other topic covered in Level B.
 1. Nutrient rich "Power" foods
 2. Healthy snacks
 3. Appropriate portion sizes
- A report of three activities you completed in the 4-H manual

Requirements: Intermediate, Staying Healthy - Grade 8

Exhibit Requirement Options

- A poster on one of the following topics or any other topic covered in Level B:
 1. The importance of eating breakfast
 2. The importance of physical activity
 3. Turning everyday activities into exercise opportunities
- A report of three activities you completed in the 4-H manual

Requirements: Advanced, Keeping Fit - Grade 9-12

Exhibit Requirement Options

- A poster on a topic covered in Keeping Fit: Fitness Activities for Youth
- A report of three activities you completed in the 4-H manual

HEALTH & WELL BEING: FASHION DESIGN

Exhibit due and modeled one week before fair.

This project not eligible for State Fair

Additional optional activity is Dress Review one week prior to fair

Posters will follow rules under Poster Preparation. All other exhibits should be no larger than 16"x16". Picture albums should consist of at least five pages and have before and after pictures wherever applicable. All reports should be in a binder.

Poster Preparation

- All posters will be 22x28 inches and displayed horizontally with the 28 inches across. Vertical posters will be dropped one ribbon placing.
- All 4-H posters must use foam core board. This material can be used as the poster or can have a poster board attached to it.
- Foam core board may be purchased from the Extension Office. If purchased elsewhere, make sure your purchase is 22x28 inches.
- Poster sleeves and salon print sleeves are available for purchase from the Extension Office and recommended. You may cover your poster with other clear plastic that is heavy enough not to wrinkle. Do not use saran wrap.
- All posters must have hook tape secured to the back of the poster along the edges. Hook tape may be purchased from the Extension Office. Please secure the tape 24 hours in advance for best adhesion.
- Project/exhibit labels from the Extension Office must be attached to the lower right hand corner of the poster after covering with plastic. Please allow room for this label when organizing your poster presentation.
- **All posters, notebooks, & display boards must give references.**

Requirements: Division 1 – Grade 3 - Fun with Hair - Exhibit one of the following:

- display a hair care kit
- make and display hair accessories
- display braid styles
- make a poster on topic from manual

Requirements: Division 2 – Grade 4 - Jewelry As A Fashion Statement - Exhibit one of the following:

- accessorize an outfit using a mini mannequin
- make jewelry
- make and decorate an organizer for your jewelry
- make a poster on topic from manual

Requirements: Division 3 – Grade 5 – Modern Nails - Exhibit one of the following:

- make and decorate a manicure kit
- make an album of nail color, treatments, or art
- make a poster on topic from manual

Requirements: Division 4-10 – Grade 6-12 – choose one new category each year

My Style - Exhibit one of the following:

- design and create your own t-shirt
- two page report on favorite designer
- make a poster on topic from manual
- make a poster of your style quiz and responses

First Impressions

- make a poster on topic from manual

Fashion World

- make a poster on topic from manual

Miss Manners

- Make a poster on topic from manual.

Makeup Your Face - Exhibit one of the following:

- Make and decorate an organizer for your makeup
- make a poster on topic from manual

Pull It All together

- make a poster on topic from manual

Walk With Style - Exhibit one of the following:

- Make and decorate an emergency locker kit
- make a binder of modeling situations make a poster on topic from manual.

HOME ENVIRONMENT

**Exhibit due Wednesday prior to the fair
This project is eligible for State Fair**

For the 4-H Home Environment project, 4-H members at each grade level may choose from three possible exhibit categories: a furniture item and notebook, a design board (poster and notebook), or a portfolio (notebook).

All exhibits must include the Home Environment Exhibit Card, 4-H-1011-D-W.

Level 3 participants will also have a fourth choice: independent study. NOTE: Each level has several options per category from which to choose. We suggest that 4-H members either choose a different option each year or show how they expanded on the same option (portfolio and furniture categories only) used in previous years.

All posters, notebooks, and display boards must include a reference list indicating where information was obtained, giving credit to the original author, to complete the 4-H members exhibit. This reference list should/might include web site links, people and professionals interviewed, books, magazines, etc. It is recommended this reference list be attached to the back of a poster or display board, be the last page of a notebook, or included as part of the display visible to the public. A judge is not to discredit an exhibit for the manner in which references are listed.

Categories

Furniture Item and Notebook -- An actual piece of furniture accompanied by a standard notebook (3-ring binder) explaining the who, what, when, where, why, and how of the chosen project. We suggest including pictures showing where the item will be used. Also, we encourage 4-H members to include pictures of themselves doing the project, but this is not required. Always place your identification information in the notebook and on the furniture.

Design Board and notebook -- standard 22" x 28" poster, displayed horizontally with a firm backing. Design boards must be covered with plastic to protect and help hold items in place. An identification name tag must be attached in the lower right corner. The notebook is to help explain the who, what, when, where, why, and how of the chosen design. This can be a "before and after project" or "plan in the future" project.

Portfolio -- standard notebook (3-ring binder). If 4-H members choose to do this option more than one year, we suggest that they keep the previous year's materials in the notebook. Place materials for the current year in the front, with the previous year's materials clearly marked or labeled at the back. Always place your identification information in the notebook.

Other information:

Color samples -- These can be paint samples from a paint or hardware store, or color samples the 4-H member makes with paints or colored pencils.

Other samples -- Many hardware or home improvement stores have free samples of wall coverings, flooring, countertops, and cabinet materials that can be used with the 4-H member's design board or portfolio.

Colored pencils -- We suggest using colored pencils when coloring the design board or portfolio. Colored pencils are what professionals use! Keep in mind that the entire area does not need to be colored in, but be sure to apply enough color to adequately express design ideas. Other methods for coloring will also be accepted. These could include (but are not limited to): crayons, watercolor pencils, markers, or printing on the computer.

Requirements: Level 1, Grades 3 – 5

Manual: 4-H 1011 Home Environment:

Color, Texture, Line, and Shape. Furniture Options for Level 1

Exhibit any of the following items demonstrating color, texture, and/or line and shape that would help complete a room. Include your notebook. (See "Furniture Item and Notebook" explanation above.)

- A hanging or wall hanging item.
- A storage item or organizer item for room or the home.
- 3 - 5 accessory items for your chosen room.

Design Board Options for Level 1

- Color the line drawing found in 4-H 1011 Home Environment manual titled Color, Texture, Line, and Shape with colored pencils. Print a line drawing from the options available on the Indiana 4-H website: www.four-h.purdue.edu look under "projects" and then Home Environment. Create three different color schemes for the line drawing you have chosen. Label the type of color scheme used in each (e.g., monochromatic, analogous, complementary, warm, or cool). Include your 3-ring notebook.
- Color the line drawing found in 4-H 1011 Home Environment manual titled Color, Texture, Line, and Shape using one color option. Line drawings can be printed from the Indiana 4-H website: www.four-h.purdue.edu look under "projects" and then Home Environment. Use color to explain dominant and supportive colors. Attach color samples to identify two additional color options. Include your 3-ring notebook.
- Display a floor plan for a bedroom showing line and shape where furniture would be placed (could be your own). Include pictures (magazine or photographs) of the furniture that would be used. We suggest using graph paper to help get the drawing close to scale and to show how line and shape work with the furniture. Include your 3-ring notebook.

Portfolio Options for Level 1

- Collect samples of different color schemes (minimum of three), and label the type represented by each (e.g., monochromatic, analogous, complementary, warm, or cool).
- Collect samples from magazines or photographs of formal vs. informal balance, dominant and supportive color, and use of pattern. Include comments explaining each.

- Collect samples from magazines of three different furniture designs. Label each style (e.g., traditional, modern, country, formal, or retro). Include information explaining each style.

Requirements: Level 2, Grades 6-8

Manual: Home Environment: Design Decisions (University of Nebraska).

Choose your exhibit from one of the following:

Furniture Options for Level 2

Exhibit any of the following items demonstrating color, texture, and/or line and shape that would help complete a room. Include your notebook. (See "Furniture Item and Notebook" explanation above.)

- One piece of furniture the 4-H member has refinished.
- One piece of furniture the 4-H member has changed using decoupage, paint, fabric, etc.
- One cushion or one 2-piece set of cushions, preferably made by the 4-H member, displayed with intended furniture
- One window treatment, including picture of the treatment in use. (Should not be displayed on an actual window; use false walls or plywood no-glass window cutouts, or make special display rods.)
- One piece of furniture that the 4-H member has reupholstered.
- One item that you are using for a different purpose than it was originally designed for (e.g., bedsheet used to make a window treatment, drawer used as a wall shelf).
- A collection of 3-5 similar items (baskets, wicker items, wicker furniture, bentwood furniture, etc.) that you have made and/or purchased for future use. (For example a collection of baskets made to use as desk accessories or bathroom accessories, outdoor furniture and accessories, etc.)

Design Board Options for Level 2

- Display a floor plan for a living room, den, or family room. Include pictures (magazine or photographs) of the furniture that would be used. We suggest using graph paper to help get the drawing close to scale and to show where the furniture would be placed. Include paint samples and/or wall-treatment samples. Include your 3-ring notebook.
- Display a floor plan for a full bathroom (toilet, sink, and shower and/or bathtub). Include pictures (magazine or photographs) of the fixtures that would be used. We suggest using graph paper to help get the drawing close to scale and to show where the fixtures would go. Include paint samples and/or wall-treatment samples, and flooring samples. Include your 3-ring notebook.
- Display a floor plan for a kitchen (including appliances and sink). Include pictures (magazine, appliance brochure, or photographs). We suggest using graph paper to help get the drawing close to scale and to show where the fixtures would go. Include paint samples and/or wall-treatment samples, flooring samples, and cabinet and/or countertop samples. Include your 3-ring notebook.

Portfolio Options for Level 2

- Samples of three different types of wall treatments with an explanation for each. Examples can include but are not limited to: paint only, wallpaper only, or combination of paint and wallpaper.
- Samples of three different floor treatments (pictures or flooring samples). Examples can include but are not limited to: hardwood, carpet, and/or tile. Include information on the advantages and disadvantages of each. Also include information on where it would be appropriate to use each flooring type.
- Samples of three different cabinet/countertop combinations (pictures or samples). Examples can include but are not limited to: granite, laminate, and/or stainless steel. Include information about the advantages and disadvantages of each.
- An energy-savings plan. Design an energy-savings plan for your family's home or room(s). List the current energy use along with your plan to conserve energy. Plan should include techniques, how to conserve energy, cost savings, etc. You may add additional rooms or other plans to extend this option over a few years. Include each previous year's work, but be sure that you indicate which information represents the current year's work.

Requirements: Level 3, Grades 9 – 12 Choose your exhibit from one of the following:

Furniture Options for Level 3

Exhibit any of the following items demonstrating color, texture, and/or line and shape that would help complete your room along with your notebook. (See "Furniture Item and Notebook" explanation above.)

- One piece of furniture the 4-H member has refinished.
- One piece of furniture the 4-H member has changed using decoupage, paint, fabric, etc.
- One cushion or one 2-piece set of cushions, preferably made by the 4-H member, displayed with intended furniture
- One window treatment, including picture of the treatment in use. (Should not be displayed on an actual window; use false walls or plywood no-glass window cutouts, or make special display rods.)
- One piece of furniture that the 4-H member has reupholstered.
- One item that you are using for a different purpose than it was originally designed for (e.g., bedsheet used to make a window treatment, drawer used as a wall shelf).
- A collection of 3-5 similar items (baskets, wicker items, wicker furniture, bentwood furniture, etc.) that you have made and/or purchased for future use. (For example a collection of baskets made to use as desk accessories or bathroom accessories, outdoor furniture and accessories, etc.)

Design Board Options for Level 3

- Display a floor plan for a child's or teen's bedroom. Include a special "theme" appropriate for a child or teen (e.g., princess, cartoon character, music group, favorite book, or special hobby). Include pictures (magazine or photographs) of the furniture that would be used. Floor plan should be to scale with general measurements included. Include samples of window, wall, and flooring treatments. Include your 3-ring notebook.
- Display a floor plan for a game room or family hobby room (e.g., room with pool table, ping pong table, and/or game table; home theater; or music room). Include pictures (magazine or photographs) of the furniture that would be used. Floor plan should be to scale with general measurements included. Include samples of window, wall, and flooring treatments. Include your 3-ring notebook.
- Display a floor plan of master suite (bedroom and bath). Include pictures (magazine or photographs) of the furniture that would be used. Floor plan should be to scale with general measurements included. Include samples of window, wall, and flooring treatments, etc. This exhibit must also include fabric samples (e.g., bedspread, window treatment). Include your 3-ring notebook.
- Display a floor plan of a one- or two-bedroom home or apartment. Include color scheme samples and furniture layouts. Floor plan should be to scale with general measurements included. Window, wall, and flooring treatment samples should be included for each room. (Pictures of furniture are not a requirement.) Include your 3-ring notebook.

Portfolio Options for Level 3

- Samples of three different lighting treatments. Explain how and when each is appropriate for use. Examples include but are not limited to: overhead, recessed, and table/floor lamps. Include information as it relates to energy use and efficiency.
- Samples of three different types of window treatments. Include information on the use of each kind and in what room each would be appropriate. Include information on the advantages/disadvantages of each. Also, include information as it relates to energy use and efficiency.
- Using the same window (size and shape), apply three different types of window treatments. Explain the advantages and disadvantages of each. Explain what type of setting (formal, country, traditional, modern, etc.) would be appropriate for each treatment. Include information related to energy use and efficiency.
- A career plan. Interview an interior designer. Include the advantages and disadvantages of being a professional interior designer. Research two different design schools or training programs. Include the advantages and disadvantages of each program. Include the cost of attaining a degree or completing the program.
- An energy-savings plan. Design an energy-savings plan for your family's home or room(s). List the current energy use along with your plan to conserve energy. Plan should include techniques, how to conserve energy, cost savings, etc. You may add additional rooms or other plans to extend this option over a few years. Include each previous year's work, but be sure that you indicate which information represents the current year's work.

Requirements: Independent Study Option, Level 3

Youth in grades 9 - 12 have the option of doing an independent study project. Those 4-H members who choose this option must review their ideas with their 4-H Youth Development Extension Educator and/or Home Environment project leader to make sure they have selected an appropriate topic/exhibit.

LAWN & GARDEN TRACTOR

Non-Driving Option due Wednesday prior to the fair
The Non-Driving option project is eligible for State Fair

Driving Contest will be held before the Area Contest.
The Driving Contest winners are eligible to move on the Area then the State contest.

OPERATOR SKILLS CONTESTS

COUNTY TRACTOR DRIVING CONTEST will be held before the Area contest. Tractor Course information is available at the Extension Office.

COUNTY WORKSHOPS will be held by the leaders usually in March. Members are encouraged to attend at least 50 percent of the meetings.

- 1) There will be two divisions in the Tractor Operators Contest. Grade is determined by grade in school during the enrollment period.
 - a) Junior division contestants must be in grades 3-7.
 - b) Senior division contestants must be in grades 8-12.
- 2) All Lawn and Garden Tractors participants will:
 - a) Take a written examination of 25 questions on small engine operation, care, maintenance and safety
 - b) Identify 25 designated parts of a garden tractor. (Note: Pictures will be used.)
 - c) Perform a safety check on a garden tractor
 - d) Operate a garden tractor through the prescribed course. Penalty points will be assessed for errors in safety and poor operations.
- 3) Questions for the written examination will be taken from supplement #3, "questions and answers for lawn and garden tractor operator", dated 2002.
- 4) The driving event will be timed and one (1) point per second of operation will be assessed up to eight (8) minutes. After eight (8) minutes, the driver will be given the option of continuing or quitting and returning to the "start line". A penalty of 400 points will be assessed.
- 5) Terms and conditions will be as outlined in 4-H 84 "Conducting 4-H Petroleum Power Operators Contest".

TRACTOR CONTEST GUIDELINES:

- 1) Garden tractors used in the contest should be from 12 to 30 horsepower in size containing a middle-mounted mower deck.
- 2) The mower deck should extend out at least four (4) inches beyond the lawn and garden tractor's rear tire.
- 3) The lawn and garden tractor should contain tractor-type front wheel steering.
- 4) The lawn and garden tractor should contain a right-hand or rear discharge mower deck.
- 5) All tractors will be provided at the contest

SAFETY EDUCATION

NON-DRIVING OPTION consists of a poster, notebook report, or display board corresponding to the subject matter content found in the manuals (call office to verify subject content for State Fair eligibility).

Level A is grades 3 & 4, Level B is grades 5 & 6, Level C is grades 7-9, and Level D is grades 10-12.

Poster Preparation

- All posters will be 22x28 inches and displayed horizontally with the 28 inches across. Vertical posters will be dropped one ribbon placing.
- All 4-H posters must use foam core board. This material can be used as the poster or can have a poster board attached to it.
- Foam core board may be purchased from the Extension Office. If purchased elsewhere, make sure your purchase is 22x28 inches.
- Poster sleeves and salon print sleeves are available for purchase from the Extension Office and recommended. You may cover your poster with other clear plastic that is heavy enough not to wrinkle. Do not use saran wrap.
- All posters must have hook tape secured to the back of the poster along the edges. Hook tape may be purchased from the Extension Office. Please secure the tape 24 hours in advance for best adhesion.
- **All posters, notebooks, and display boards must include a reference list indicating where information was obtained, giving credit to the original author, to complete the 4-H member's exhibit.**

PHOTOGRAPHY

**Exhibit due Wednesday prior to the fair
This project eligible for State Fair**

REQUIREMENTS:

1. You may only exhibit 2 prints at the fair.
2. All images are to be original images taken by the 4-H member
3. Photos must have been taken since the last project entry date of the county fair.
4. All poster exhibits are to be mounted on a background board 22 inches by 28 inches, displayed horizontally, mounted on foam board and covered with clear acetate/plastic.
5. Place standard identification label in the lower right hand corner on poster boards and salon prints. Place your identification label on top of plastic if at all possible.
6. Number photo prints on your print boards 1 to 10.
7. Captions under your photographs are not allowed nor are fluorescent posters.
8. Salon prints are one print, either Black & White or Color, printed horizontally or vertically. The print must be mounted on a standard 16 by 20 inch salon mount, displayed vertically and covered with plastic.
9. Sepia tone photographs (mono chromatic) are entered under the Black and White classes.

Mounting and Labeling:

- The mounting may be of any color or texture. The pictures are to be neatly and securely mounted. Dry mounting tissue is best.
- Salon mounts are available in most photo and art supply stores. They are available either in plain or with a cutout of the picture area. You may make your own. Matting is not required. The exhibit entry tag provided by the county Purdue Extension office is to be placed in the exhibit's lower right hand corner.

Requirements: Beginner, Grades 3-5 – 2 entries for State Fair

Choose either type of prints to exhibit and choose to perfect your skills in either or both. You are encouraged to try your hand at both types of film for a broader learning experience. Your prints may be a mix of digital and/or standard development.

- 1) **BLACK AND WHITE PRINTS:** Title: "Capturing Memories"
 - a) EXHIBIT: 10 black & white pictures, none of which is larger than 4" by 6", nor smaller than 3 1/2" by 5", any subject, mounted on a background board 22" x 28", displayed horizontally, on stiff backing covered with plastic. The poster must carry the title "Capturing Memories". It is recommended that you use and exhibit standard processing size for your prints. See mounting and labeling instructions section. Your prints may be a mix of digital and/or standard development.
- 2) **COLOR PRINTS:** Title: "Experiences in Color"
 - a) EXHIBIT: 10 color pictures, none of which is larger than 4" by 6", nor smaller than 3 1/2" by 5", any subject, mounted on a background board 22" x 28", displayed horizontally, with stiff backing and covered with plastic. The poster must carry the title "Experiences in Color". It is recommended that you use and exhibit standard processing size for your prints. See mounting and labeling instructions section. Your prints may be a mix of digital and/or standard development.
- 3) **CELL PHONE PRINT:** Photograph MUST be captured using only a common cell phone camera.
 - a) EXHIBIT: One (1) black & white or color print no smaller than 7" x 9" nor larger than 11" x 14", printed horizontally or vertically, mounted on a standard 16" x 20" salon mount, displayed VERTICALLY and covered with plastic. No title recommended.

Requirements: Intermediate, Grades 6-8 – 4 entries for State Fair

For your exhibit, choose from the class list below:

- 1) **BLACK AND WHITE PRINTS:** "Photography is Fun"
 - a) EXHIBIT: 10 black & white pictures, none of which is larger than 5" by 7" nor smaller than 2" by 3 1/2", mounted on a background board 22" x 28", displayed horizontally, with stiff backing and covered with plastic. The poster must carry the title "Photography is Fun". See mounting and labeling instructions section. Your prints may be a mix of digital and/or standard development.
- 2) **COLOR PRINTS:** "Adventures in Color"
 - a) EXHIBIT: 10 color pictures, none of which is larger than 5" by 7" nor smaller than 2" by 3 1/2", mounted on a background board 22" x 28", displayed horizontally, with stiff backing and covered with plastic. The poster must carry the title "Adventures in Color". See mounting and labeling instructions section. Your prints may be a mix of digital and/or standard development.
- 3) **COLOR SALON PRINT:**
 - a) EXHIBIT: One (1) color print no smaller than 7" x 9" nor larger than 11" x 14", printed horizontally or vertically, mounted on a standard 16" x 20" salon mount, displayed VERTICALLY and covered with plastic. No title recommended.

- 4) **BLACK AND WHITE SALON PRINT:**
 - a) EXHIBIT: One (1) black & white no smaller than 7" x 9" nor larger than 11" x 14", printed horizontally or vertically, mounted on a standard 16" x 20" salon mount, displayed VERTICALLY and covered with plastic. No title recommended.
- 5) **CREATIVE/EXPERIMENTAL SALON PRINTS:**
 - a) EXHIBIT: Any modified image may be exhibited as creative/experimental. One (1) black & white and/or color print, or a combination no smaller than 7" x 9" nor larger than 11" x 14", printed horizontally or vertically, mounted on a standard 16" x 20" salon mount, displayed VERTICALLY and covered with plastic. No title recommended. **Must** include original photograph (s) on the back of the board and attach a listing of steps and/or procedures used to create the end product.
- 6) **CELL PHONE PRINT:** Photograph **MUST** be captured using only a common cell phone camera.
 - a) EXHIBIT: One (1) black & white or color print no smaller than 7" x 9" nor larger than 11" x 14", printed horizontally or vertically, mounted on a standard 16" x 20" salon mount, displayed VERTICALLY and covered with plastic. No title recommended.

Requirements: Advanced, Grades 9, 10, 11, 12 And Above – 4 entries for State Fair

For your exhibit, choose from the class list below:

- 1) **BLACK AND WHITE PRINTS:**
 - a) EXHIBIT: 10 black & white pictures, none of which is larger than 8" by 10" nor smaller than 2" by 3 1/2", mounted on a background board 22" x 28", displayed horizontally, with stiff backing and covered with plastic. The poster must carry a title; use your own creativity. See mounting and labeling instructions section. Your prints may be a mix of digital, digitally enhanced and/or standard development.
- 2) **COLOR PRINTS:**
 - a) EXHIBIT: 10 color pictures, none of which is larger than 8" by 10" nor smaller than 2" by 3 1/2", mounted on a background board 22" x 28", displayed horizontally with stiff backing and covered with plastic. The poster must carry a title; use your own creativity. See mounting and labeling instructions section. Your prints may be a mix of digital, digitally enhanced and/or standard development.
- 3) **COLOR SALON PRINT:**
 - a) EXHIBIT: One (1) color print no smaller than 7" x 9" nor larger than 11" x 14", printed horizontally or vertically, mounted on a standard 16" x 20" salon mount, displayed VERTICALLY and covered with plastic. No title recommended.
- 4) **BLACK AND WHITE SALON PRINT:**
 - a) EXHIBIT: One (1) black & white no smaller than 7" x 9" nor larger than 11" x 14", printed horizontally or vertically, mounted on a standard 16" x 20" salon mount, displayed VERTICALLY and covered with plastic. No title recommended.
- 5) **CREATIVE/EXPERIMENTAL SALON PRINT:**
 - a) EXHIBIT: Any modified image may be exhibited as creative/experimental. One (1) black & white and/or color print, or a combination no smaller than 7" x 9" nor larger than 11" x 14", printed horizontally or vertically, mounted on a standard 16" x 20" salon mount, displayed VERTICALLY and covered with plastic. No title recommended. **Must** include original photograph (s) on the back of the board and attach a listing of steps and/or procedures used to create the end product.
- 6) **CELL PHONE PRINT:** Photograph **MUST** be captured using only a common cell phone camera.
 - a) EXHIBIT: One (1) black & white or color print no smaller than 7" x 9" nor larger than 11" x 14", printed horizontally or vertically, mounted on a standard 16" x 20" salon mount, displayed VERTICALLY and covered with plastic. No title recommended.

Digital Photography Exhibit Guidelines:

1. All images are to be original images taken by the 4-H member. Photography exhibits are to be taken by the 4-H members between county project check-in to the next year county project check-in date.
2. Creative/Experimental print sizes must meet the size requirements of your chosen exhibit. It is recommended that the digital image be printed on photographic paper or very high quality copier paper. The paper quality will help in clarity and sharpness.
3. If a photograph is taken with a digital camera is just a straight forward photograph with no changes or augmentation, then it would be the same as one for the regular print board or salon print classes. To succeed as a digital image (as a separate classification) something more should be done to the photographic image.
4. **DIGITAL VS. FILM** Anything that can be done in a dark room, on an enlarger, can be done on a computer, i.e. cropping, color correction, parallax, etc. If an image is digitally altered beyond what can be done on the enlarger, i.e. adding different background, removing buildings or people, adding text, hand-coloring, etc. it should be entered in the "Creative/Experimental" Class. We realize this will be difficult to enforce. We ask your cooperation. We also realize the person with the expensive digital camera and high powered computer has some advantages. By the same token the person with the expensive large format film camera that takes his processing to a custom lab has many advantages over the person with the inexpensive 35mm camera doing there processing at the local retail store.

SEWING:

Exhibit due and modeled one week before fair.

This project has exhibit eligible for County Only and State Fair.

Additional optional activity is Dress Review one week prior to fair

General Information: All clothing exhibits are to be clean and well pressed. Exhibit labels will be provided before judging. Label each article. Bring pattern instructions to judging to eliminate any questions. The techniques in 4-H Sewing Manual will be used by judges.

The Clothing project has three separate categories: State Fair – Wearable, State Fair – Non-wearable, and County Only – Sewing-for-Fun. Participants may enter an exhibit into either category, or both. All exhibits must satisfy the division requirements. Participants may also do an Action Demonstration in their level.

Rules & Requirements:

1. Item(s) must be primarily hand or machine sewn, but technique should be appropriate for the item. Techniques, such as decorative needlework or quilting, will be judged as a part of the item's construction. It does not have to be an item of clothing.
2. Gluing or painting will not be judged as a part of the item's construction. This is a sewing project, not a craft project. These items may, however, affect the overall appearance and ribbon placement.
3. The item(s) must have been constructed by the 4-H member since the previous fair and have never been judged as part of any other 4-H project.

ALL EXHIBITORS must attach sewing skills card to the exhibit.

Requirements: Level A, Grade 3

Include at least 2 learned skills in the exhibit:

Insert elastic or drawstring Sew and trim a crotch curve	Machine topstitch hems Use a simple seam finish	Stitch in the ditch
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State Fair - Wearable: Elastic waist shorts, pants OR skirt with fold over casing; no pockets or similar sewn clothing article made to be worn by the 4-H member or another person. Attach Sewing Skills Card (4-H 925c-W) to the exhibit.

State Fair - Non-wearable: Simple pillow sham with lapped back opening and purchased pillow form (following instructions provided in manual) OR simple tote bag with handles or drawstring or similar sewn article. Attach Sewing Skills Card (4-H 925c-W) to the exhibit.

County Only – Sewing-for-Fun: Exhibit any item not meeting the State Fair guidelines for Wearable or Non-wearable. Youth are asked to attach the Sewing Skills Card (4-H 925c-W) with the 2 learned skills to the exhibit. Theme options of items that can be sewn: Sewing for Me; Sewing for Others; Show your School Colors; Show your Red, White, & Blue; embellishing a Ready Made Garment; or Design your way.

Requirements: Level A, Grade 4

Seam finishes are recommended on all exposed seams. Include at least 2 learned skills in the exhibit:

use interfacing staystitch and under stitch	apply a facing or binding stitch curved seams	machine topstitch hems work with fiberfill	trim and grade seams
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Wearable: Shorts, pants OR skirt with partial or full sewn-on waistband or waistline facing, or partial elastic waistband (not a full elastic waistband) OR simple shirt or top OR BBQ apron. Attach Sewing Skills Card (4-H 925c-W) to the exhibit.

Non-wearable: Shaped pillow with curved seams, stuffed and sewn closed OR hanging pocket organizer OR bound edge placemats (set of 4). Attach Sewing Skills Card (4-H 925c-W) to the exhibit.

County Only – Sewing-for-Fun: Exhibit any item not meeting the State Fair guidelines for Wearable or Non-wearable. Youth are asked to attach the Sewing Skills Card (4-H 925c-W) with the 2 learned skills to the exhibit. Theme options of items that can be sewn: Sewing for Me; Sewing for Others; Show your School Colors; Show your Red, White, & Blue; embellishing a Ready Made Garment; or Design your way.

Requirements: Level B, Grade 5

Seam finishes are recommended on all exposed seams (except knits). Interfacing, understitching and trimming should be used when appropriate. Choose at least 3 of these additional, learned skills for each sewn exhibit:

match fabric design	sew with knit
gather fabric	insert elastic
insert zipper	apply facings
use a drawstring	sew buttons
hand-stitch a hem	apply binding
sew a simple sleeve	use batting
apply purchased trim or ribbons	sew patch or inseam pockets
use a simple lining	apply machine topstitching
do a machine blind hem	do a machine topstitched hem

State Fair - Wearable: Simple shirt with sleeves OR sundress OR jumper OR simple 2 piece pajamas or similar sewn clothing article made to be worn by the 4-H member or another person. A similar article is permissible provided the skillset is the same as the listed articles. Attach Sewing Skills Card (4-H 926C-W) to the exhibit.

State Fair - Non-wearable: Pillow lap quilt (quillow) OR structured duffel bag, tote bag or backpack, OR sewn hat or similar sewn article. Attach Sewing Skills Card (4-H 926C-W) to the exhibit.

County Only – Sewing-for-Fun: Exhibit any item not meeting the State Fair guidelines for Wearable or Non-wearable. Youth are asked to attach the Sewing Skills Card (4-H 926c-W) with the 3 learned skills to the exhibit. Theme options of items that can be sewn: Sewing for Me; Sewing for Others; Show your School Colors; Show your Red, White, & Blue; embellishing a Ready Made Garment; or Design your way.

Requirements: Level B, Grade 6

Seam finishes are recommended on all exposed seams (except knits). Interfacing, understitching and trimming should be used when appropriate. Choose at least 4 of these additional, learned skills for each sewn exhibit:

make darts	sew facings
set in sleeves	apply ribbings
insert a lapped zipper	sew a simple collar
hand-stitch a hem	do a machine blind hem
make buttonholes	sew with knit
sew tucks or pleats	match fabric design
sew ruffles	use fiberfill
hand sew buttons	apply machine appliqué
apply trim	insert piping
sew a simple lining	apply machine topstitching
sew patch pockets	construct with a serger
apply bindings	sew inseam pockets
do a machine topstitched hem	

State Fair - Wearable: Two (2) garments that can be worn together made to be worn by the 4-H member or another person. Attach Sewing Skills Card (4-H 926D-W) to the exhibit.

State Fair - Non-wearable: Pillow sham with button or zipper closing appliqué design, piping or ruffle. Make your own pillow form OR tote bag with zipper or duffel bag with zipper, pockets and lining OR doll or pet clothes or similar sewn article OR construction techniques sample notebook (following instructions provided in the manual). Attach Sewing Skills Card (4-H 926D-W) to the exhibit.

County Only – Sewing-for-Fun: Exhibit any item not meeting the State Fair guidelines for Wearable or Non-wearable. Youth are asked to attach the Sewing Skills Card (4-H 926D-W) with the 2 learned skills to the exhibit. Theme options of items that can be sewn: Sewing for Me; Sewing for Others; Show your School Colors; Show your Red, White, & Blue; embellishing a Ready Made Garment; or Design your way.

Requirements: Level C, Grade 7

Seam finishes are recommended on all exposed seams (except knits). Interfacing, understitching, and trimming should be used when appropriate. Choose at least 5 of these additional, learned skills for each sewn exhibit:

make darts
set in sleeves
sew facing
apply ribbing
apply a collar
sew on buttons
use doll joints
apply inseam pockets
apply front hip pockets
match fabric design
apply trims
apply machine or hand appliqué
apply machine topstitching
insert a lapped zipper
insert an invisible zipper
insert a separating zipper
insert a fly front zipper

attach cuffs
apply binding
sew lining
apply ruffles
insert piping
make buttonholes
use fiberfill
apply patch pockets
use a twin needle
apply tucks/pleats
construct with a serger
apply machine embroidery
do a machine blind hem
do a machine topstitched hem
do a hand-stitched hem
do machine quilting

State Fair - Wearable: School, casual, or sports outfit made to be worn by the 4-H member or another person. Can be one or more pieces. Attach Sewing Skills Card (4-H 927C-W) to the exhibit.

State Fair - Non-wearable: Dressed, jointed (with sockets) stuffed animal OR sewn item for holiday or special occasion or similar sewn article OR construction techniques sample notebook (following instructions provided in manual). Attach Sewing Skills Card (4-H 927C-W) to the exhibit.

County Only – Sewing-for-Fun: Exhibit any item not meeting the State Fair guidelines for Wearable or Non-wearable. Youth are asked to attach the Sewing Skills Card (4-H 927C-W) with the 5 learned skills to the exhibit. Theme options of items that can be sewn: Sewing for Me; Sewing for Others; Show your School Colors; Show your Red, White, & Blue; embellishing a Ready Made Garment; or Design your way.

Requirements: Level C, Grades 8 and 9

Seam finishes are recommended on all exposed seams (except knits and non-raveling specialty fabrics). Interfacing, under stitching and trimming should be used when appropriate. In addition, choose at least 6 of these learned skills for each sewn exhibit:

make darts
make tucks
add lining
add facings
add plackets
add lapels
make sleeves
add gathers
apply trim
apply ribbing
add a drawstring
use shaped seams
use fiberfill
add a waistband
add patch pockets
add front hip pockets
match fabric design
make shoulder pads

attach cuffs
make pleats
insert elastic
add boning
apply a collar
insert piping
make a neckband
add vents
sew buttons
add underlining
add ruffles
sew with knit
make button loops
do hand beading
add inseam pockets
add welt pockets
use twin needle
create bound edges

do machine or hand quilting
apply machine or hand appliqué
apply machine topstitching
insert an invisible zipper
insert a separating zipper
insert a fly front zipper
insert a lapped zipper
insert a hand-picked zipper
do a machine topstitched hem
do a machine blind hem
do a hand-stitched hem
make self-covered buttons
use specialty threads
make self-enclosed seams
sew with difficult fabric
make machine buttonholes
make bound buttonholes
make bound buttonholes
apply machine embroidery

State Fair - Wearable: See advanced sewing wearable exhibit options below. Attach Sewing Skills Card (4-H 928C-W) to the exhibit.

State Fair - Non-wearable: Sewn items for your home OR construction techniques sample notebook OR sewing machine survey. (Following instructions provided in manual). Attach Sewing Skills Card (4-H 928C-W) to the exhibit.

County Only – Sewing-for-Fun: Exhibit any item not meeting the State Fair guidelines for Wearable or Non-wearable. Youth are asked to attach the Sewing Skills Card (4-H 928C-W) with the 2 learned skills to the exhibit. Theme options of items that can be sewn: Sewing for Me; Sewing for Others; Show your School Colors; Show your Red, White, & Blue; embellishing a Ready Made Garment; or Design your way.

Requirements: Level D, Grades 10, 11, and 12

Seam finishes are recommended on all exposed seams (except knits and non-raveling specialty fabrics). Interfacing, under stitching and trimming should be used when appropriate. In addition, choose at least 6 of these learned skills for each sewn exhibit:

make darts	attach cuffs	do machine or hand quilting
make tucks	make pleats	apply machine or hand appliqué
add lining	insert elastic	apply machine topstitching
add facings	add boning	insert an invisible zipper
add plackets	apply a collar	insert a separating zipper
add lapels	insert piping	insert a fly front zipper
make sleeves	make a neckband	insert a lapped zipper
add gathers	add vents	insert a hand-picked zipper
apply trim	sew buttons	do a machine topstitched hem
apply ribbing	add underlining	do a machine blind hem
add a drawstring	add ruffles	do a hand-stitched hem
use shaped seams	sew with knit	make self-covered buttons
use fiberfill and/or batting	make button loops	use specialty threads
add a waistband	do hand beading	make self-enclosed seams
add patch pockets	add inseam pockets	sew with difficult fabric
add front hip pockets	add welt pockets	construct with a serger
match fabric design	use twin needle	make machine buttonholes
make shoulder pads	create bound edges	make bound buttonholes
apply machine embroidery	hand/machine beading	piece quilted item
coordination of fabric for quilted item	make a reversible item	other skills not listed above

State Fair - Wearable: See advanced sewing wearable exhibit options below. Attach Sewing Skills Card (4-H 928C-W) to the exhibit.

State Fair - Non-wearable: Sewn items for your home OR construction techniques sample notebook OR sewing machine survey. (Following instructions provided in manual). Attach Sewing Skills Card (4-H 928C-W) to the exhibit.

County Only – Sewing-for-Fun: Exhibit any item not meeting the State Fair guidelines for Wearable or Non-wearable. Youth are asked to attach the Sewing Skills Card (4-H 928C-W) with the 6 learned skills to the exhibit. Theme options of items that can be sewn: Sewing for Me; Sewing for Others; Show your School Colors; Show your Red, White, & Blue; embellishing a Ready Made Garment; or Design your way.

Advanced Sewing Wearable Exhibit Options (Fashion Revue Categories) Levels C & D

For guidelines for Fashion Revue, please see the Fashion Revue project.

All senior sewing wearable exhibits (Grades 8-12) are to be made so it can be worn by the exhibitor or another person. All senior sewing (Grades 8-12) outfits exhibited in Fashion Revue must be made and worn by the exhibitor.

DEFINITION OF AN OUTFIT: An outfit is a garment or garments that when put together make a complete look - such as one or two piece dress, or one or two piece pant suit, or a three piece combination, such as pants, vest, and blouse or shirt.

- **Informal or Casual Wear:** A complete outfit of 1 or 2 pieces suitable for school, weekend, or casual, informal activities.
- **Dress Up:** This is suitable for special, church, or social occasions that are not considered to be formal. It may be an outfit of one or more pieces with or without its own costume coat or jacket (lined or unlined). This is not an outfit that would be worn to school, weekend, or casual, informal activities.
- **Free Choice:** A complete outfit comprised of garments that do not fit in the other classifications. Examples include: tennis wear, swim wear, athletic or sportswear, lounge wear, riding habits, historic, dance, theatrical, or international costumes, capes, and unlined coats.
- **Suit or Coat:** The suit consists of two pieces including a skirt or pants and its own lined jacket. It is not a dress with jacket as in "dress up wear". The coat is a separate lined coat. It will be judged separately as a coat with its own accessories.
- **Separates:** Consists of three garments that must be worn as a coordinated complete outfit. Each piece should be versatile enough to be worn with other garments.
- **Formal Wear:** This outfit may be one or more pieces suitable for any formal occasion, such as proms, weddings, and formal evening functions.

SHOOTING SPORTS
Exhibit due Wednesday prior to the fair
This project is eligible for State Fair

Create an exhibit that shows the public what you learned in shooting sports education this year. Title your exhibit with one of the following: archery, outdoor skills, muzzle loading, pistol, rifle, shotgun, or shooting sports. You can use a subtitle, if you wish.

Important Notes:

- Firearms or ready to shoot bows are not allowed to be exhibited. Unstrung bows are permissible.
- Live ammunition is not allowed to be exhibited (no powder or primer)
- An arrow with its arrowhead attached must be displayed in a secure case. An arrowhead without the arrow attached must be displayed in a secure case. An arrow may be displayed unsecured if its arrowhead is removed. Modern broadhead arrows are not allowed to be exhibited.
- Displays involving firearms or bows may be exhibited as a photographic display on a poster or in a notebook following grade level guidelines.
- Handmade items must include information explaining how the project was made and its intended use. Photos are encouraged..

Poster Preparation

- All posters will be 22x28 inches and displayed horizontally with the 28 inches across. Vertical posters will be dropped one ribbon placing.
- All 4-H posters must use foam core board. This material can be used as the poster or can have a poster board attached to it.
- Foam core board may be purchased from the Extension Office. If purchased elsewhere, make sure your purchase is 22x28 inches.
- Poster sleeves and salon print sleeves are available for purchase from the Extension Office and recommended. You may cover your poster with other clear plastic that is heavy enough not to wrinkle. Do not use saran wrap.
- All posters must have hook tape secured to the back of the poster along the edges. Hook tape may be purchased from the Extension Office. Please secure the tape 24 hours in advance for best adhesion.
- Project/exhibit labels from the Extension Office must be attached to the lower right hand corner of the poster after covering with plastic. Please allow room for this label when organizing your poster presentation.
- **All posters, notebooks, and display boards must include a reference list indicating where information was obtained, giving credit to the original author, to complete the 4-H member's exhibit.**

Requirements: Beginner, Grades 3 – 5

Display a poster showing what was learned in the 4-H Shooting Sports project.

Requirements: Intermediate, Grades 6 - 8

Choose one of the following options.

Exhibits MUST meet the size restrictions or be presented in a notebook.

1. Poster
2. Small project or model no larger than 18 x 18 x 36 inches.
3. Notebook, showing how a shooting sports item was made, or project completed.

Requirements: Advanced, Grades 9 – 12

Choose one of the following options.

1. Poster.
2. Project or model (any size) and explanation of costs and procedure.
3. Notebook, showing how a shooting sports item was made, or project completed

Requirements: Independent Study, Grades 9 – 12

Advanced topic - Learn all you can about an advanced shooting topic and present it on a poster and/or in a notebook. Include a short manuscript, pictures, graphs, and list the works cited to describe what you did and what you learned. Title your poster, "Advanced Shooting Sports - Independent Study"

Mentoring - exhibit a poster that shows how you mentored a younger 4-H member. Include your planning, the time you spent, the challenges and advantages of mentoring, and how the experience might be useful in your life. Photographs and other documentation are encouraged. Title your poster, "Advanced Shooting Sports - Mentor."

SMALL ENGINE

**Exhibit due Wednesday prior to the fair
This project is eligible for State Fair**

Youth focus on basic small engine knowledge, study external engine parts, discover tools of the trade and learn about the concepts behind what makes small engines work. They explore the uses of small engines and safety issues.

Actual Engine Display

- The actual small engine may be displayed.
- It must be mounted on a stable base no larger than 30" x 30".
- For safety reasons, all fluids (fuel and oil) must be removed. Note:
- It is strongly suggested that a notebook with details and pictures of what was done to the engine accompany the display

Poster Preparation

- All posters will be 22x28 inches and displayed horizontally with the 28 inches across. Vertical posters will be dropped one ribbon placing.
- All 4-H posters must use foam core board. This material can be used as the poster or can have a poster board attached to it.
- Foam core board may be purchased from the Extension Office. If purchased elsewhere, make sure your purchase is 22x28 inches.
- Poster sleeves and salon print sleeves are available for purchase from the Extension Office and recommended. You may cover your poster with other clear plastic that is heavy enough not to wrinkle. Do not use saran wrap.
- All posters must have hook tape secured to the back of the poster along the edges. Hook tape may be purchased from the Extension Office. Please secure the tape 24 hours in advance for best adhesion.
- Project/exhibit labels from the Extension Office must be attached to the lower right hand corner of the poster after covering with plastic. Please allow room for this label when organizing your poster presentation.
- **All posters, notebooks, and display boards must include a reference list indicating where information was obtained, giving credit to the original author, to complete the 4-H member's exhibit.**

Display Board Requirements

- No more than 36" wide x 36" deep and free standing
- 3-dimensional display
- All items to be securely fastened
- 4-H member's exhibit card to be secured in lower right hand corner

All posters, notebooks, and display boards include a reference list indicating where information was obtained, giving credit to the original author, to complete the 4-H member's exhibit. This reference list should/might include web site links, people and professionals interviewed, books, magazines, etc. It is recommended this reference list be attached to the back of a poster or display board, be the last page of a notebook, or included as part of the display visible to the public. A judge is not to discredit an exhibit for the manner in which references are listed or a lack thereof.

Requirements: Beginner, Grades 3-5

Suggested Fair Exhibit Guidelines

Educational display: Any educational display related to what you have learned in this project. Some possibilities of exhibits might include:

- Picture poster showing what you have learned about small engines.
- Display of basic tools needed to maintain a small engine.
- An educational display related to what you have learned about two-cycle engines.
- An educational display related to what you have learned about four-stroke engines.
- An educational display showing proper maintenance and care of a lawn mower.
- An educational display of proper safety labels and procedures for small engines.
- Small engines parts display board with a brief explanation of the purpose of the parts and how they work.
- Display related to some system that you learned about in small engines (filters, cooling, ignition, etc.).

Requirements: Intermediate, Grades 6-8

Suggested Fair Exhibit Guidelines

Educational display: Any educational display related to what you have learned in this project. Some possibilities of exhibits might include:

- An educational display comparing the different types of engines.
- An educational poster illustrating and explaining the internal parts of an engine.
- An educational display showing how transmissions work.
- An educational display showing how to conduct a compression check.
- An educational display showing how to adjust a carburetor according to owner's manual instructions and in accordance with EPA regulations.
- A display using a real small engine with a brief explanation showing steps in preparing a small engine for storage.
- Carburetor parts display board with a brief explanation of the purpose of the parts and how they work together.
- An income and expense record of your lawn mowing business, including costs, hours worked, pay for individual jobs, etc.

Requirements: Advanced, Grades 9-12

Suggested Fair Exhibit Guidelines

Educational display: Any educational display related to what you have learned in this project. Some possibilities of exhibits might include:

- An educational display showing how to use diagnostic tools on small engines.
- An educational display showing how to tear down and reassemble a small engine.
- An educational display related to the electrical system of a small engine.
- An educational display about emissions systems on small engines and future trends.
- An educational display showing mower blade inspection and maintenance skills.
- An educational display about careers in small engines.
- An educational display about your work in finding resources about small engines on the Internet.
- An educational display about trouble-shooting common problems with small engines.
- An educational display about small engines designs.
- Any educational display related to what you have learned in this project.

SOIL AND WATER SCIENCE

**Exhibit due Wednesday prior to the fair
This project is eligible for State Fair**

Create an exhibit that shows the public what you learned in the soil and water conservation project this year. Choose one of the options listed below, appropriate for your grade in school. Use an appropriate exhibit title. Be sure to include a label with your name, grade, 4-H club, and county in the lower right hand corner.

Poster Preparation

- All posters will be 22x28 inches and displayed horizontally with the 28 inches across. Vertical posters will be dropped one ribbon placing.
- All 4-H posters must use foam core board. This material can be used as the poster or can have a poster board attached to it.
- Foam core board may be purchased from the Extension Office. If purchased elsewhere, make sure your purchase is 22x28 inches.
- Poster sleeves and salon print sleeves are available for purchase from the Extension Office and recommended. You may cover your poster with other clear plastic that is heavy enough not to wrinkle. Do not use saran wrap.
- All posters must have hook tape secured to the back of the poster along the edges. Hook tape may be purchased from the Extension Office. Please secure the tape 24 hours in advance for best adhesion.
- Project/exhibit labels from the Extension Office must be attached to the lower right hand corner of the poster after covering with plastic. Please allow room for this label when organizing your poster presentation. horizontally, sized 22" x 28" foam-core board or poster board mount
- Notebook exhibits must be displayed in a standard three ring binder.
- **All posters, notebooks, and display boards must include a reference list indicating where information was obtained, giving credit to the original author, to complete the 4-H member's exhibit.**

Requirements: Level 1: Grades 3-5

- A poster related to an activity from the level 1 manual
- A poster and/or notebook of a soil or water related science experiment appropriate for grades 3-5

Requirements: Level 2: Grades 6-8

- A poster related to an activity from the level 2 manual
- A poster and/or notebook of a soil or water related science experiment appropriate for grades 6-8

Requirements: Level 3: Grades 9-12

- A poster related to an activity from the level 3 manual
- A poster and/or notebook of a soil or water related science experiment appropriate for grades 9-12
- Independent Study - Learn all you can about a soil and/or water topic, program, facility, project, etc. and present it on a poster or in a notebook. Include a short manuscript, pictures, graphs, and list the works cited to describe what you did and what you learned. Title your poster or notebook, "Advanced Soil and Water Science - Independent Study"
- Mentoring - Exhibit a poster or notebook that shows how you mentored a younger 4-H member. Include your planning, the time you spent, the experience might be useful in your life. Photographs and other documentation are Title your poster, "Advanced Soil and Water Science - Mentor."

SPORTFISHING

**Exhibit due Wednesday prior to the fair
This project is eligible for State Fair**

Create an exhibit that shows the public what you learned in the sport fishing project this year. Choose one of the topics listed below, appropriate for your grade in school, and create a poster based on what you learned from the activity. **Use that topic for your exhibit title**, so the judges know which activity you completed. You can also use a creative sub-title if you wish.

Poster Preparation

- All posters will be 22x28 inches and displayed horizontally with the 28 inches across. Vertical posters will be dropped one ribbon placing.
- All 4-H posters must use foam core board. This material can be used as the poster or can have a poster board attached to it.
- Foam core board may be purchased from the Extension Office. If purchased elsewhere, make sure your purchase is 22x28 inches.
- Poster sleeves and salon print sleeves are available for purchase from the Extension Office and recommended. You may cover your poster with other clear plastic that is heavy enough not to wrinkle. Do not use saran wrap.
- All posters must have hook tape secured to the back of the poster along the edges. Hook tape may be purchased from the Extension Office. Please secure the tape 24 hours in advance for best adhesion.
- Project/exhibit labels from the Extension Office must be attached to the lower right hand corner of the poster after covering with plastic. Please allow room for this label when organizing your poster presentation.
- **All posters, notebooks, and display boards must include a reference list indicating where information was obtained, giving credit to the original author, to complete the 4-H member's exhibit.**

ALL DIVISIONS are to complete 3 activities from manual.

Requirements: Beginner, Grade 3 – 5

Exhibit a poster based on one of the following activities. Use topic as poster title.

Let's Go Fishing!	Complete the Angling Self-Assessment and practice landing a fish as described in Playing a Fish. Display yourself assessment to show what you currently know about fishing and indicate what you hope to learn in this project. Draw or take photos of you "Playing a Fish."
Pop Can Casting	Display a photo of you casting your pop can rig and your casting record. Optional - display a photo of you casting a regular fishing rig and your casting record with that rig.
Hook, Line, and Sinker	Display at least two the rigs listed in Fishing Deeper, #1. You can use a drawing or a picture to show these rigs. Answer the questions (Casting Out, Working the Lure, Setting the Hook, and Landing the Fish) on your exhibit.
Fishy Baits	Complete and display cards similar to those shown (natural baits, prepared bait, and artificial flies and lures). Answer the Casting Out questions on your exhibit.
Which Fish is it?	Copy the pages in your manual and use the fish and the crossword puzzle. Identify the fish and make a display that shows the correct answers in the puzzle. (Optional - enlarge the crossword puzzle).

Requirements: Intermediate, Grade 6 – 8

Exhibit a poster based on the following activities. Use topic as poster title.

A Different Spin	Display a picture of you while casting and a completed Casting Record and Spinning Reel Parts diagram. Also, answer the Working the Lure and Setting the Hook questions. (You may copy the ones in your manual or make your own.)
A Fine Kettle of Fish	Show a drawing or photograph of you cooking fish. Include your recipe and, if possible, pictures of you cleaning and/or cooking your fish.
Clean up the Litterbug	Complete and display the chart shown on page 16. Draw or take a photo of the fishing place that you cleaned up (before and after).

The Woolly Bugger	Take pictures or make drawings to show how a woolly bugger is made. Answer the Casting Out and Working the Lure questions.
A Fish by Design	Draw, take pictures, or find pictures on the Internet or in magazines to show (and identify) different mouth/feeding fish, body shapes, and fish with different coloration. Briefly explain (3-5 sentences or bullet points) why fish have different mouths, body shapes, and coloration.

Requirements: Advanced, Grade 9 - 12

Exhibit a poster based on the following activities. Use topic as poster title.

A Reel Mess	Draw, take photos, or copy the reels shown in Cleaning a Reel. Label the reels, the parts of each reel, and where you might use it. Show how you cleaned a reel using pictures or drawings.
Designing a Skillathon Station	Make two skillathon stations (you may use the suggestions on page 9 or another fishing topic of your choice). List the topic, realistic situation, task, and materials needed. Take photographs of younger 4-H members using your stations.
Beads, Dog Hair, and Feathers	Collect materials and tie a fly. You can display your fly or a picture of the fly. Also, list and draw or take pictures of the 7 materials in the matching game and indicate their potential use.
Collecting Aquatic Insects	Complete and display the chart on page 18 (you may copy the chart in your book or make your own). Draw or take pictures of your kick net and your sampling procedures. Answer the questions in Casting Out and Working the Lure.
Cast Into the Future	Complete the Career Investigation Record after talking with someone currently working in an area related to fish or fishing. Include a picture of the person you interviewed and answer the questions in Casting Out, Working the Lure, Setting the Hook, and Landing the Fish.
Keep a Field Journal	Reproduce or copy 3-5 Field Journal entries on your display. Include photographs that show where you had the fishing experience, if possible.
Playing <i>Know Your Fish</i>	Make a "flap" quiz to teach fish facts. Show a picture or ask a question about a fish. Give the answer(s) under the flap. Choose 5 - 10 fish using at least 5 fish from your manual. Be sure to list multiple species if the information you provide applies to more than one of the species you choose.

Requirements: Advanced, Independent Study, Grades 9 – 12

Advanced Topic	Learn all you can about a sport fishing topic of your choice and present it on a poster. Include a short manuscript, pictures, graphs, and list the references you used to describe what you did and what you learned. Title your poster, "Advanced Sport Fishing - Independent Study"
Mentoring	Exhibit a poster that shows how you mentored a younger 4-H member. Include your planning, the time you spent, the challenges and advantages of mentoring, and how the experience might be useful in your life. Photographs and other documentation are encouraged. Title your poster, "Advanced Sport Fishing - Mentor."

SPORTS

**Exhibit due Wednesday prior to the fair
This project not eligible for State Fair**

Study information obtained from the library or other sources concerning the history of your sport.

Requirements:

Beginner: Grades 3-5

Choose one of the following titles for your poster:

Safety Rules for: (i.e. Tennis, Rugby, Swimming, Archery, Golf, etc.)

Intermediate: Grades 6-8

Choose one of the following titles for your poster:

Basic Skills to Develop For:

or

History of _____ Sport

Advanced: Grades 9-12

Choose one of the following titles for your poster:

Biography of Famous Olympic Athlete

or

Exercise Value of:

Poster Preparation

- All posters will be 22x28 inches and displayed horizontally with the 28 inches across. Vertical posters will be dropped one ribbon placing.
- All 4-H posters must use foam core board. This material can be used as the poster or can have a poster board attached to it.
- Foam core board may be purchased from the Extension Office. If purchased elsewhere, make sure your purchase is 22x28 inches.
- Poster sleeves and salon print sleeves are available for purchase from the Extension Office and recommended. You may cover your poster with other clear plastic that is heavy enough not to wrinkle. Do not use saran wrap.
- All posters must have hook tape secured to the back of the poster along the edges. Hook tape may be purchased from the Extension Office. Please secure the tape 24 hours in advance for best adhesion.
- Project/exhibit labels from the Extension Office must be attached to the lower right hand corner of the poster after covering with plastic. Please allow room for this label when organizing your poster presentation.
- **All posters, notebooks, and display boards must include a reference list indicating where information was obtained, giving credit to the original author, to complete the 4-H member's exhibit.**

STEM: CONSTRUCTION TOYS

Exhibit due Wednesday prior to fair
This project is not eligible for State Fair

This exhibit may be constructed with Legos, K-Nex, Construx, Erector, Tinker Toys, Lincoln Logs, Duplo blocks, craft sticks, etc. **Size limitations MUST be followed or you will be dropped (1) one ribbon placing.** Exhibit may be glued. Members should construct a more advanced project each year.

Requirements: Beginner, Grades 3-5

Exhibit may be of any design, no taller than 24" on a sturdy base of no more than 24" square. Exhibit may be of any design. The exhibit will be judged on: creativity, construction techniques, soundness/sturdiness, balance, and overall design.

Requirements: Intermediate, Grades 6-8

Exhibit may be of any design, no taller than 24" on a sturdy base of no more than 24" square. Exhibit may be of any design. The exhibit will be judged on: creativity, construction techniques, soundness/sturdiness, balance, and overall design.

Requirements: Advanced, Grades 9-12

Exhibit may be of any design, no taller than 30" on a sturdy base of no more than 30" square. Exhibit may be of any design. The exhibit will be judged on: creativity, construction techniques, soundness/sturdiness, balance, and overall design.

STEM: ROBOTICS

Posters are due Wednesday prior to the fair
Demonstrations are eligible for State Fair.
Posters are NOT eligible for State Fair.

Poster Preparation

- All posters will be 22x28 inches and displayed horizontally with the 28 inches across. Vertical posters will be dropped one ribbon placing.
- All 4-H posters must use foam core board. This material can be used as the poster or can have a poster board attached to it.
- Foam core board may be purchased from the Extension Office. If purchased elsewhere, make sure your purchase is 22x28 inches.
- Poster sleeves and salon print sleeves are available for purchase from the Extension Office and recommended. You may cover your poster with other clear plastic that is heavy enough not to wrinkle. Do not use saran wrap.
- All posters must have hook tape secured to the back of the poster along the edges. Hook tape may be purchased from the Extension Office. Please secure the tape 24 hours in advance for best adhesion.
- Project/exhibit labels from the Extension Office must be attached to the lower right hand corner of the poster after covering with plastic. Please allow room for this label when organizing your poster presentation.
- **All posters, notebooks, and display boards must include a reference list indicating where information was obtained, giving credit to the original author, to complete the 4-H member's exhibit.**

Requirements: Level A, Grades 3-5

- Complete training curriculum provided at Robotics Club meetings
- Complete a public demonstration of a robot
- Complete a poster. Poster requirements LEVEL A grade 3: Create a poster that explains the generally accepted attributes of a robot (What is a Robot?) Poster requirements LEVEL A grade 4: Create a poster that explains the 4 D's of Robotics (Dangerous, Dirty, Dull, Difficult)

Requirements: Level B, Grades 5-6

- Complete training curriculum provided at Robotics Club meetings
- Complete a public demonstration of a robot
- Complete a poster based on robotics or programming. Poster requirements LEVEL B grade 5 & 6: Create a poster featuring the use and attributes of a real robot in entertainment, domestics, industry, transportation, emergency/medical, military, aerospace, agriculture, exploration (deep sea, or outer space), etc.

Requirements: Level C, Grades 7-9

- Complete advanced training curriculum provided at Robotics Club meetings
- Complete a public demonstration of a robot
- Complete a poster based on robotics or programming. Poster requirements LEVEL C grade 7 –9: Create a poster explaining one of the major fields of Robotics (Operator Interface, Mobility or Locomotion, Manipulators and Effectors, Programming, or Sensing and Perception).

Requirements: Level D, Grades 10-12

- Complete advanced training curriculum provided at Robotics Club meetings
- Complete a public demonstration of a robot
- Complete a poster based on robotics or programming. Poster requirements LEVEL D grade 10-12: Create a poster that provides information about earning a higher education degree or career in one of the major fields of Robotics.

STEM: WELDING

**Exhibit due Wednesday prior to the fair
This project is NOT eligible for State Fair**

Project Requirements:

Exhibitors may choose between Stick or Mig welding. You may exhibit both, but they will be judged separate.

All welds need to be attached to a board for display & judging.

All exhibits will have the following information attached on an index card:

- a) For Stick Includes:
 - a. Electrode(s) number
 - b. Electrode(s) diameter
 - c. Amperage(s) or dial setting
 - d. Polarity(s)
- b) For Mig includes:
 - a. Wire Size
 - b. Wire Speed
 - c. Dial Setting
 - d. Gas Type

Poster Preparation

- All posters will be 22x28 inches and displayed horizontally with the 28 inches across. Vertical posters will be dropped one ribbon placing.
- All 4-H posters must use foam core board. This material can be used as the poster or can have a poster board attached to it.
- Foam core board may be purchased from the Extension Office. If purchased elsewhere, make sure your purchase is 22x28 inches.
- Poster sleeves and salon print sleeves are available for purchase from the Extension Office and recommended. You may cover your poster with other clear plastic that is heavy enough not to wrinkle. Do not use saran wrap.
- All posters must have hook tape secured to the back of the poster along the edges. Hook tape may be purchased from the Extension Office. Please secure the tape 24 hours in advance for best adhesion.
- Project/exhibit labels from the Extension Office must be attached to the lower right hand corner of the poster after covering with plastic. Please allow room for this label when organizing your poster presentation.
- Notebook exhibits must be displayed in a standard three ring binder.
- **All posters, notebooks, and display boards must include a reference list indicating where information was obtained, giving credit to the original author, to complete the 4-H member's exhibit.**

Requirements for Poster: Judged by Division

Exhibit on a 22"x28" poster. The board should include a picture of the welding equipment available to you, including safety equipment (helmet, gloves, safety glasses or goggles), and display 5 welding rods of different sizes & types. Label as to size of rod, heat range, metal type, and metal thickness (gage).

Requirements: Beginning, Grades 3-5

- Exhibit one (1) weld (choose from: run a bead, lap weld, butt weld, corner weld or "T" weld). The metal size should be 2" wide X 6" long and no more than 1/4" thick. The 6" sides should be welded together.
- Attach required information label.

Requirements: Intermediate, Grades 6-8

- Exhibit two (2) weld (choose from: run a bead, lap weld, butt weld, corner weld or "T" weld). The metal size should be 2" wide X 6" long and no more than 1/4" thick. The 6" sides should be welded together.
- Attach required information label.

Requirements: Advanced, Grades 9-12

- Exhibit four (4) weld (choose from: run a bead, lap weld, butt weld, corner weld or "T" weld). The metal size should be 2" wide X 6" long and no more than 1/4" thick. The 6" sides should be welded together.
- Attach required information label.

TRACTOR Operator Skills

Driving Contest will accrue sometime before fair
Non-Driving Option poster due Wednesday prior to the fair
This project is eligible for State Fair

COUNTY TRACTOR DRIVING CONTEST will be Sunday, a week prior to fair. Tractor Course is available at the Extension Office.

COUNTY WORKSHOPS will be held by the leaders usually in March. Members are encouraged to attend at least 50 percent of the meetings.

1. **All divisions** compete in tractor operator's contest AND/OR complete a non-driving optional exhibit.
2. There will be two divisions in the Tractor Operators Contest. Grade is determined by grade in school during the enrollment period.
 - a. Junior division contestants must be in grades 3-7.
 - b. Senior division contestants must be in grades 8-12.
3. Senior entrants will be scored on 4 items:
 - a. Quiz questions drawn from 1st, 2nd, 3rd & 4th units of work
 - b. Tractor operation on obstacle course
 - c. Safety while at the contest
 - d. Time
4. Junior entrants will be scored on 4 items:
 - a. Quiz questions from 1st unit of work
 - b. Tractor operation on obstacle course
 - c. Safety while at the contest
 - d. Time

TRACTOR CONTEST GUIDELINES:

1. Junior entrants will pull a two wheel trailer, approximately 8' wide and 10' to 12' long
2. Senior entrants will pull a four wheel wagon, with knuckle type radius rod steering, approximately 10' length between axles, and an 8' X 14' bed and approximately a 52" stub tongue
3. All tractors and wagons will be provided at the contest

NON-DRIVING OPTION consists of a poster, notebook report, or display board corresponding to the subject matter content found in the manuals (call office to verify subject content for State Fair eligibility). Level A is grades 3 & 4, Level B is grades 5 & 6, Level C is grades 7-9, and Level D is grades 10-12.

Poster Preparation

- All posters will be 22x28 inches and displayed horizontally with the 28 inches across. Vertical posters will be dropped one ribbon placing.
- All 4-H posters must use foam core board. This material can be used as the poster or can have a poster board attached to it.
- Foam core board may be purchased from the Extension Office. If purchased elsewhere, make sure your purchase is 22x28 inches.
- Poster sleeves and salon print sleeves are available for purchase from the Extension Office and recommended. You may cover your poster with other clear plastic that is heavy enough not to wrinkle. Do not use saran wrap.
- All posters must have hook tape secured to the back of the poster along the edges. Hook tape may be purchased from the Extension Office. Please secure the tape 24 hours in advance for best adhesion.
- **All posters, notebooks, and display boards must include a reference list indicating where information was obtained, giving credit to the original author, to complete the 4-H member's exhibit.**

VETERINARY SCIENCE

**Exhibit due Wednesday prior to the fair
This project is eligible for State Fair**

The 4-H Veterinary Science Project provides youth a fun and hands-on learning experience that helps them learn more about the Veterinary Science profession, and opportunities for careers in animal health. Subjects such as general health care, physiology, anatomy and careers are presented in the curricular materials, through workshops such as Science Workshops for Youth, and through hands on experiences with local veterinarians. Youth also have the opportunity to develop responsibility, decision making and communication skills through active participation in the 4-H Veterinary Science Project.

Exhibit Introduction

4-H veterinary science exhibits should be educational in nature covering one (1) or more of the topics presented in the members' manual and/or found in the 4-H Veterinary Science Leaders Guide. An educational exhibit is one that should be able to teach other people about your topic. Chose a topic you think is interesting and apply your imagination. All 4-H members developing veterinary science 4-H fair exhibits should consult with their 4-H Veterinary Science leaders for further details, helpful ideas, and additional sources for reference.

Requirements: Veterinary Science 1, Grades 3-5

Project Completion Recommendations

Exhibit

- 22"x 28" poster related to Chapter 1, 2, or 3.

Requirements: Veterinary Science 2, Grades 6-8

Exhibit

- 22"x 28" poster, display, or quiz board related to chapter 1, 2, or 3. Display or quiz board should be no larger than 36" x 36" x 36".

Requirements: Veterinary Science 3, Grades 9 – 12

Exhibit one of the following:

- Develop and assemble a teaching aid.
- Develop a project in conjunction with a veterinarian. Display the project with a report of the results, recommendations, findings, and conclusions.
- Write a one page outline of a workshop or demonstration you presented

WEATHER AND CLIMATE SCIENCE

Exhibit due Wednesday prior to the fair

This project is eligible for State Fair

Create an exhibit that shows the public what you learned in the weather and climate project this year. Choose one of the options listed below, appropriate for your grade in school. Use an appropriate exhibit title. Be sure to include a label with your name, grade, 4-H club, and county in the lower right hand corner.

Poster Preparation

- All posters will be 22x28 inches and displayed horizontally with the 28 inches across. Vertical posters will be dropped one ribbon placing.
- All 4-H posters must use foam core board. This material can be used as the poster or can have a poster board attached to it.
- Foam core board may be purchased from the Extension Office. If purchased elsewhere, make sure your purchase is 22x28 inches.
- Poster sleeves and salon print sleeves are available for purchase from the Extension Office and recommended. You may cover your poster with other clear plastic that is heavy enough not to wrinkle. Do not use saran wrap.
- All posters must have hook tape secured to the back of the poster along the edges. Hook tape may be purchased from the Extension Office. Please secure the tape 24 hours in advance for best adhesion.
- Project/exhibit labels from the Extension Office must be attached to the lower right hand corner of the poster after covering with plastic. Please allow room for this label when organizing your poster presentation.
- Notebook exhibits must be displayed in a standard three ring binder.
- **All posters, notebooks, and display boards must include a reference list indicating where information was obtained, giving credit to the original author, to complete the 4-H member's exhibit.**

Requirements: Level 1, Grades 3-5

- A poster related to an activity from the level 1 manual
- A poster and/or notebook of a weather or climate related science experiment appropriate for grades 3-5

Requirements: Level 2, Grades 6-8

- A poster related to an activity from the level 2 manual
- A poster and/or notebook of a weather or climate related science experiment appropriate for grades 6-8

Requirements: Level 3, Grades 9-12

- A poster related to an activity from the level 3 manual
- A poster and/or notebook of a weather or climate related science experiment appropriate for grades 9-12
- Independent Study - Learn all you can about a weather and/or climate topic, program, facility, project, etc. and present it on a poster or in a notebook. Include a short manuscript, pictures, graphs, and list the works cited to describe what you did and what you learned. Title your poster or notebook, "Advanced Weather and Climate Science - Independent Study"
- Mentoring - Exhibit a poster or notebook that shows how you mentored a younger 4-H member. Include your planning, the time you spent, the experience might be useful in your life. Photographs and other documentation are Title your poster, "Advanced Weather and Climate Science - Mentor."

WILDLIFE

**Exhibit due Wednesday prior to the fair
This project is eligible for State Fair**

Exhibit Introduction

Create an exhibit that shows the public what you learned in the wildlife project this year. Poster exhibits must be displayed horizontally, sized 22" x 28" foam-core board or poster board mounted on a firm backing, and covered in clear plastic or other transparent material. Notebook exhibits must be displayed in a standard three ring binder. Choose one of the options listed below, appropriate for your grade in school. Use an appropriate exhibit title. Be sure to include a label with your name, grade, 4-H club, and county in the lower right hand corner.

All posters, notebooks, and display boards must include a reference list indicating where information was obtained, giving credit to the original author, to complete the 4-H member's exhibit. This reference list should/might include web site links, people and professionals interviewed, books, magazines, etc. It is recommended this reference list be attached to the back of a poster or display board, be the last page of a notebook, or included as part of the display visible to the public. A judge is not to discredit an exhibit for the manner in which references are listed.

Poster Preparation

- All posters will be 22x28 inches and displayed horizontally with the 28 inches across. Vertical posters will be dropped one ribbon placing.
- All 4-H posters must use foam core board. This material can be used as the poster or can have a poster board attached to it.
- Foam core board may be purchased from the Extension Office. If purchased elsewhere, make sure your purchase is 22x28 inches.
- Poster sleeves and salon print sleeves are available for purchase from the Extension Office and recommended. You may cover your poster with other clear plastic that is heavy enough not to wrinkle. Do not use saran wrap.
- All posters must have hook tape secured to the back of the poster along the edges. Hook tape may be purchased from the Extension Office. Please secure the tape 24 hours in advance for best adhesion.
- Project/exhibit labels from the Extension Office must be attached to the lower right hand corner of the poster after covering with plastic. Please allow room for this label when organizing your poster presentation.

Requirements: Level 1, Grade 3-5

Exhibit

- A poster related to an activity from the level 1 manual
- A poster and/or notebook of a wildlife related science experiment appropriate for grades 3-5

Requirements: Level 2, Grades 6-8

Exhibit

- A poster related to an activity from the level 2 manual
- A poster and/or notebook of a wildlife related science experiment appropriate for grades 6-8

Requirements: Level 3, Grades 9-12

Exhibit

- A poster related to an activity from the level 3 manual
- A poster and/or notebook of a wildlife related science experiment appropriate for grades 9-12
- **Independent Study** -Learn all you can about a wildlife topic, program, facility, project, etc. and present it on a poster or in a notebook. Take care to follow all state and federal guidelines when working with wildlife, with particular care when raising game birds, migratory birds, and endangered species. See the Indiana 4-H Wildlife project website, www.ydae.purdue.edu/natural_resources/4-H,NR,Projects/Projects/wildlife/, for more information. Include a short manuscript, pictures, graphs, and list the works cited to describe what you did and what you learned. Title your poster or notebook, "Advanced Wildlife -Independent Study"
- **Mentoring** -Exhibit a poster or notebook that shows how you mentored a younger 4-H member. Include your planning, the time you spent, the challenges and advantages of mentoring, and how the experience might be useful in your life. Photographs and other documentation are encouraged. Title your poster, "Advanced Wildlife -Mentor."

WOODWORKING

Exhibit due Wednesday prior to the fair

This project is eligible for State Fair

1. A maximum of one (1) article may be exhibited by each member.
2. All of the work on the project must be done by the club member.

Poster Preparation

- All posters will be 22x28 inches and displayed horizontally with the 28 inches across. Vertical posters will be dropped one ribbon placing.
- All 4-H posters must use foam core board. This material can be used as the poster or can have a poster board attached to it.
- Foam core board may be purchased from the Extension Office. If purchased elsewhere, make sure your purchase is 22x28 inches.
- Poster sleeves and salon print sleeves are available for purchase from the Extension Office and recommended. You may cover your poster with other clear plastic that is heavy enough not to wrinkle. Do not use saran wrap.
- All posters must have hook tape secured to the back of the poster along the edges. Hook tape may be purchased from the Extension Office. Please secure the tape 24 hours in advance for best adhesion.
- Project/exhibit labels from the Extension Office must be attached to the lower right hand corner of the poster after covering with plastic. Please allow room for this label when organizing your poster presentation
- **All posters, notebooks, and display boards must include a reference list indicating where information was obtained, giving credit to the original author, to complete the 4-H member's exhibit.**

Requirements: Level A, Grades 3-4

Exhibit one of the following

- Exhibit one article of choice made during the current 4-H program year demonstrating a minimum of five (5) techniques outlined in the Indiana 4-H Woodworking Tools, Techniques and Skills Chart 4-H 6875C-W. Exhibits may also include higher level techniques that have been mastered. Any higher level techniques will not be counted as part of the minimum five, but nevertheless will be evaluated for quality. A woodworking skills sheet is to be submitted with the exhibit for judging.
- Exhibit a poster on any topic covered in the Level 1 manual.

Requirements: Level B, Grades 5-6

Exhibit one of the following

- Exhibit one article of choice made during the current 4-H program year demonstrating a minimum of five (5) techniques outlined in the Indiana 4-H Woodworking Tools, Techniques and Skills Chart, 4-H 6875C-W. Exhibits may also include lower and/or higher level techniques that have been mastered. Any lower/higher level techniques will not be counted as part of the minimum five, but nevertheless will be evaluated for quality. A woodworking skills sheet is to be submitted with the exhibit for judging.
- Exhibit a poster on any topic covered in the Level 2 manual.

Requirements: Level C, Grades 7-9

Exhibit one of the following

- Exhibit one article of choice made during the current 4-H program year demonstrating a minimum of five (5) techniques outlined in the Indiana 4-H Woodworking Tools, Techniques and Skills Chart, 4-H 6875C-W. Exhibits may also include lower and/or higher level techniques that have been mastered. Any lower/higher level techniques will not be counted as part of the minimum five, but nevertheless will be evaluated for quality. A woodworking skills sheet is to be submitted with the exhibit for judging.
- Exhibit a poster on any topic covered in the Level 3 manual.

Requirements: Level D, Grades 10-12

Exhibit one of the following

- Exhibit one article of choice made during the current 4-H program year demonstrating a minimum of five (5) techniques outlined in the Indiana 4-H Woodworking Tools, Techniques and Skills Chart, 4-H 6875C-W. Exhibits may also include lower level techniques that have been mastered. Any lower level techniques will not be counted as part of the minimum five, but nevertheless will be evaluated for quality. A woodworking skills sheet is to be submitted with the exhibit for judging.
- Exhibit a poster on any topic covered in the Level 4 manual.

ZERO-TURN MOWER OPERATOR SKILLS

Non-Driving Option due Wednesday prior to the fair
The Non-Driving option project is eligible for State Fair

Driving Contest will be held before the Area Contest.
The Driving Contest winners are eligible to move on the Area then the State contest.

OPERATOR SKILLS CONTESTS

COUNTY TRACTOR DRIVING CONTEST will be held before the Area contest. Tractor Course information is available at the Extension Office.

COUNTY WORKSHOPS will be held by the leaders usually in March. Members are encouraged to attend at least 50 percent of the meetings.

- 1) There will be two divisions in the Mower Operators Contest. Grade is determined by grade in school during the enrollment period.
 - a) Junior division contestants must be in grades 3-7.
 - b) Senior division contestants must be in grades 8-12.
- 2) All Zero-Turn Mower participants will:
 - a) Take a written examination of 25 questions on small engine operation, care, maintenance and safety
 - b) Identify 25 designated parts of a Zero-Turn Mower. (Note: Pictures will be used.)
 - c) Perform a safety check on a garden tractor
 - d) Operate a Zero-Turn Mower through the prescribed course. Penalty points will be assessed for errors in safety and poor operations.
- 3) Questions for the written examination will be taken from supplement #3, "questions and answers for Zero-Turn Mower operator", dated 2002.
- 4) The driving event will be timed and one (1) point per second of operation will be assessed up to eight (8) minutes. After eight (8) minutes, the driver will be given the option of continuing or quitting and returning to the "start line". A penalty of 400 points will be assessed.
- 5) Terms and conditions will be as outlined in 4-H 84 "conducting 4-H Petroleum Power Operators Contest".

TRACTOR CONTEST GUIDELINES:

- 1) Garden tractors used in the contest should be from 12 to 30 horsepower in size containing a middle-mounted mower deck.
- 2) The mower deck should extend out at least four (4) inches beyond the Zero-Turn Mower's rear tire.
- 3) Zero-turn mowers are to be twin stick control design.
- 4) The Zero-turn mower should contain a right-hand or rear discharge mower deck.
- 5) All tractors will be provided at the contest

SAFETY EDUCATION

NON-DRIVING OPTION consists of a poster, notebook report, or display board corresponding to the subject matter content found in the manuals (call office to verify subject content for State Fair eligibility).

Level A is grades 3 & 4, Level B is grades 5 & 6, Level C is grades 7-9, and Level D is grades 10-12.

Poster Preparation

- All posters will be 22x28 inches and displayed horizontally with the 28 inches across. Vertical posters will be dropped one ribbon placing.
- All 4-H posters must use foam core board. This material can be used as the poster or can have a poster board attached to it.
- Foam core board may be purchased from the Extension Office. If purchased elsewhere, make sure your purchase is 22x28 inches.
- Poster sleeves and salon print sleeves are available for purchase from the Extension Office and recommended. You may cover your poster with other clear plastic that is heavy enough not to wrinkle. Do not use saran wrap.
- All posters must have hook tape secured to the back of the poster along the edges. Hook tape may be purchased from the Extension Office. Please secure the tape 24 hours in advance for best adhesion.
- All posters, notebooks, and display boards must include a reference list indicating where information was obtained, giving credit to the original author, to complete the 4-H member's exhibit.

GENERAL LIVESTOCK RULES & GUIDELINES FOR ANIMAL EXHIBITS

1. Each 4-H member shall own his/her 4-H exhibit. Ownership, personal possession, and regular care of the animal must be in effect on or before the county and state enrollment deadlines and continuously until after the 4-H show at the county and/or state fair.
2. For 4-H breeding animals: family corporations and/or partnerships of 4-H members with one or more parents, siblings, grandparents, aunts, uncles, or legal guardians are acceptable.
3. For 4-H dairy cattle: family corporations and/or partnerships of the 4-H member with unrelated persons or dairy operations are also acceptable.
4. Dairy heifers, horses, ponies and llamas may be leased subject to approval of both the county 4-H dairy, horse and pony, or llama committee and the respective County Extension Educator.
5. 4-H animals exhibited after the animal enrollment deadline (April 1st for steers and May 15th for all other animals), at any show by anyone other than the person whose 4-H enrollment record is connected to the ID of the animal in Indiana 4HOnline will not be eligible to be shown in the 4-H show at the Knox County Fair and Indiana State Fair.
6. This term/condition does not apply to siblings and parents, who may show each other's animals at any show during the year without jeopardizing Knox County Fair and State Fair eligibility, regardless of whether or not the sibling is a 4-H member.
 - a. **Policies on how to handle a violation of ownership:** The individual filing the complaint must provide evidence and a written statement detailing the violation to the Extension Educator as soon as the violation been identified. Once the Extension Educator has received the evidence and the written statement, that Extension Educator will meet with another Extension Educator to form a 3 person unbiased committee (1 representative from each 4-H Council, Livestock Committee, and Extension Board) to review the evidence. If the evidence shows violation of ownership the animal will then be disqualified from the show and showmanship.
7. **NOTE: This term/condition does not apply to the horse & pony program where a parent MAY also show the horse or pony after it has been enrolled in the 4-H Program.**
8. 4-H animals are expected to be in the possession and regular care of the 4-H member who owns/leases them (unless other arrangements have been agreed upon by the county 4-H council) from the animal enrollment deadline until the conclusion of the county and/or state fair.
9. 4-H animals purchased, sold or offered for sale after the enrollment deadline and prior to the Indiana State Fair (**including animals that have gone through a "Premium Only Auction"**), shall not be eligible to show in the 4-H show at the Indiana State Fair.
10. Livestock exhibits should not be handled by anyone except the 4-H'er and/or family members, without permission. In the event of concern for the health and/or welfare of the animal, one should contact a 4-H Livestock Superintendent and/or Extension Educator.
11. **All EXHIBITORS, PARENTS, and SPECTATORS, will conduct themselves as ladies and gentlemen. They are to conduct themselves in such a way as to set a good example for other 4-H exhibitors and spectators at the show. IMPOLITE BEHAVIOR, POOR SPORTSMANSHIP, OR DISRUPTIVE ACTIONS (as deemed by the show management) will result in disqualification and/or removal from the fairgrounds.**
12. **All 4-H Exhibitors exhibiting the following species (Beef, Dairy, Goats, Poultry, Rabbits, Sheep, & Swine) are required to be certified in the YQCA (Youth for the Quality Care of Animals) program before they are allowed to check-in their animals.**
13. The Fair Board veterinarian will determine if animals are sick and need to be sent home.
14. Any animal/s that leave the fairgrounds without prior approval forfeits any 4-H premium money, 4-H auction money, all auction privileges for that year, and will not be allowed to show that specie/s the following year.
15. All animals must conform to State Board of Animal Health requirements.
16. The use of excessive abuse of animals is strictly prohibited.
17. All animals must remain within 100 feet of their respective barn (exception horses).
18. The use of identifiable or unidentifiable foreign substance including: drugs, steroids, or chemicals, greater than those standards established by the USDA or FDA are prohibited.
19. Mini 4-H: any animal over 300 pounds must be held by an adult at all times.
20. 4-H'ers must wear approved helmet whenever mounted on horse at club meetings or 4-H events.
21. Appropriate dress must be worn by all 4-H livestock members during show, auction and livestock pictures. This includes: no sandals, no halter tops, no bare midriffs, no shorts, no T-shirts with inappropriate language.

22. County livestock rules are not an extension of State Fair rules and do not guarantee eligibility at the State Fair.
23. Any 4-H'er tampering with another 4-H'er's project will forfeit any future participation for one year.
24. No bedding is permitted in the barns before Sunday of the fair.
25. Livestock bedding is not to be removed before the animals are released. Failure to do so will result in the loss of auction money.
26. Superintendents have the authority to send unruly animals home for safety reasons.
27. Superintendents and the 4-H Youth Educator as the authority to disqualify any animal and send it home.
28. **Green livestock records for Beef, Dairy, Dairy Goats, Sheep, and Swine must be turned into the Extension office the Monday prior to the fair. Activity books for Cats, Dogs, Horse & Pony, Poultry, and Rabbits must also be turned into the Extension office the Monday prior to the fair.** Failure to do so will result in the 4-H member not earning any premium money.
29. A member may only have 2 entries in any one class of livestock.
30. Pens may be assigned as needed by the superintendent.
31. Breed and eligibility determinations will be made by a committee, appointed by the 4-H Council.
32. Showmanship categories are determined by the grade in school at the end of the last school year.
33. Animals (except horses) may not be kept at a professional fitter's facility.
34. All species: Grooming must be done within 100 feet of respective barn or in case of horses, from horse show arena. 4-H animal exhibitors may receive clipping and grooming assistance only from an immediate family member including, father, mother, step-father/mother, legal guardian, brother, sister, step-brother/sister, grandfather/mother, step-father/mother, aunt, uncle, aunt's/uncle's children, from a current 4-H member, and/or from individual enrolled in the Indiana 4-H Approved Animal Grooming Assistance Program.
35. Mentor showmanship class: 4-H members may show a species they are not enrolled in. Sign up with that respective species' superintendent.
36. 4-H members who participate in showmanship classes may only show their own animals which will be exhibited by them in a regular 4-H class. Showmanship will be judged on the training of the animal and the showmanship ability of the exhibitor. The following showmanship rules are for all species but Horse & Pony.
37. Extension Office will post a list of Showmanship winners.
38. Showmanship Divisions. Grade in school on January 1 of the current year.
 - a) Junior showmanship - all 4-H exhibitors in the 3rd, 4th or 5th grades are eligible. Once a 4-H member is the champion junior showman, they must compete in Intermediate showmanship in subsequent years.
 - b) Intermediate showmanship - all 4-H exhibitors in the 6th, 7th or 8th grades are eligible. Once a 4-H member is the champion intermediate showman, they must compete in senior showmanship in subsequent years.
 - c) Senior showmanship - all 4-H exhibitors in the 9th grade or above are eligible (exception only for previous years' intermediate showmanship winners).
 - d) Champions & Reserve Champions will be awarded for every age division.
39. **Starting 2019 Fair, Each species (Beef, Goats, Sheep, Swine, & Round Robin) will have a meeting at the County Fair and the department will submit a list of 5 names to the Extension Office. Anyone at the meeting can submit a potential judge's name & contact information. Only an active 4-H member from that species may only have one vote per species**
40. All livestock exhibitors must obtain a Premises ID number from the State Board of Animal Health. (To obtain a Premises ID#, please contact the Indiana BOAH at 877-747-3038 ext. 383.)
41. 4-H members showing registered beef, Boer goats, dairy, dairy goats, sheep and swine must present a registration certificate (no photocopies, carbons or fax copies, except a fax directly from the national breed association to the Knox County 4-H Fair) to the 4-H show manager before the specified time for each species, showing that the exhibitor owns the animal being exhibited, as per ownership terms, on or before the May 15 ID deadline and continuously until 4-H show day at the Indiana State Fair. 4-H breeding beef, Boer goats, dairy goats, sheep and swine must be registered in one of the following ownership methods:
 - a) in the 4-H members' name
 - b) John Smith and Sons
 - c) John Smith, Sons and Daughters
 - d) John Smith & Family (family includes sons, daughters, and legal guardian youth only)
 - e) Mark Smith (brother) and Mary Smith (sister)

- f) Family corporations, where the 4-H members' name appears as a holder of stock in the corporation, and proof of same must be supplied on or before the enrollment date
 - g) Family partnership where the 4-H members father, mother, brother, sister, aunt, uncle, grandparent, and/or legal guardian is also in the family partnership and the 4-H member's name appears on the legal, notarized partnership. A copy of the written document must be on file with the Extension Office before the ID deadline.
42. 4-H breeding beef, Boer goats, dairy goats, sheep and swine will NOT be accepted in the Knox County 4-H Show or the State Fair 4-H Show if they are registered in a father's name only, farm name only, or partnerships with unrelated persons (such as "Smith View", "Smith Oak", "John Doe and William Smith (4-H member)", "Long Oak and William Smith (4-H Member)", etc.).
43. The Knox County 4-H & Knox County Fair protects the integrity of the Knox County Fair, 4-H Competitions and the food supply. At no time shall animal exhibits have any substance present, alteration or tissue anomalies that:
- a. Violates standards established by the United States Department of Agriculture (USDA).
 - b. Violates standards established by the Food and Drug Administration (FDA).
 - c. Provides any potential performance enhancing quality or any potential showing advantage including but not limited to tampering, altering, or misrepresenting any exhibit; coloring that alters or misrepresents breed characteristics [except as allowed in 4-H Beef Cattle, 4-H Sheep, and 4-H Meat Type Goats]; pumping air or other substances to alter conformation; methods to induce artificial fill; performing surgical and/or non-surgical procedures to alter the animal's configuration or natural conformation of any part of the animal's body; and unethical fitting. The following generally accepted management practices are allowed: hoof trimming, dehorning, removal of hair, castration, branding, tattooing, ear notching, and docking of tails.

State Fair

Entries and Entries Fees for the Indiana State Fair must be made on-line by the deadline.

Please check State Fair website for deadline dates (<http://www.in.gov/statefair/fair/>).

4-H LIVESTOCK PREMIUM AUCTION

This auction is sponsored by the 4-H Livestock Auction Committee in cooperation with the Knox County Fair Board. Auction will be Friday evening at 5:30 p.m.

1. Guidelines for participating in the Knox County 4-H Livestock Premium Auction:
 - a. Any Exhibitor of the following projects will be allowed to participate in the 4-H Auction: **Beef, Dairy, Goats, Sheep, and Swine.**
 - b. Selected exhibitors in the following projects will be allowed to participate in the 4-H Auction: **Horse & Pony, Llama/ Alpaca, Poultry, and Rabbits.** The following exhibitors will be allowed space in the 4-H Auction:
 1. 10 year member of that species
 2. Grand & Reserve Grand Mare
 3. Grand & Reserve Grand Gelding
 4. Grand & Reserve Grand Pony
 5. Horse & Pony Buckle winners only (not including Round Robin)
 6. Halter Grand & Reserve Grand Llama & Alpaca from both Male & Female
 7. Grand & Reserve Grand Poultry
 8. Reserve Champion of breed of Grand & Res. Grand poultry
 9. Breed Champions and Reserve Champion Poultry
 10. Grand & Reserve Grand rabbits
 11. Reserve Champion of breed of Grand and Res. Grand rabbits
 12. Breed Champions in rabbits
2. Hogs, lambs and calves will be weighed. Hogs will be tagged when they arrive on the fairgrounds.
3. Release of the animals auctioned must be obtained from department superintendent before animals can be removed from the fairgrounds. The 4-H'er is responsible for his animal until it is loaded on the truck.
4. Exhibitors may participate in the auction only one time per year.
5. A service charge of 5% will be will be deducted from all sale checks. (Proceeds will be used to defray expenses of Auction.)
6. The 4-H'er is responsible for thanking the buyer for their support of the auction.
7. It is the 4-H'ers responsibility to identify the species being represented at the auction and turn in the general record sheet and a color picture (size to be determined) of their animal with their name on the back by the due date.
8. 2021 auction order will be:
 - a. **Rabbits, Poultry, Sheep, Horse, Goats, Beef, Dairy, Llama/ Alpaca, & Swine.**
9. The Auction Committee and the Fair Board will expect orderly conduct and compliance with auction rules by the exhibitors and their attendants. Any violations of this rule would warrant withholding of the premiums and could mean banning from future 4-H auction sales.
10. All bids at the sale will be final.
11. Club members must groom their animals for show at the Auction.
12. Club Members **must** be present at the time of the auction to handle their animals in the sale ring. **No substituting will be allowed.** Unless approved by Auction Committee.
13. The Grand Champion will sell first in each specie, followed by the Reserve Grand Champion.
14. 4-H'ers are expected to be ready for the auction at the specified time. If the 4-Her and animal are late they may be moved to the end of the respective specie. Any 4-Her not available by the end of specie sale must scratch.
15. 4-H'er must consign their own animal that they have shown during the fair for the auction. They cannot use a family members.
16. The Auction Committee reserves the right to make any needed adjustments to the above rules deemed necessary to carry out a successful auction. All such adjustments must be cleared by the Youth Educator, 4-H Council President, and the Auction Committee Chairman.

4-H BEEF

Superintendent: Paul Clingerman & Jennifer Steffy

Judging: Wednesday morning after the Dairy Show has completed but not before 9:00 am

Classes pay premiums of: \$10.00 \$7.50 \$5.00 \$3.00 \$2.00

Showmanship premium: \$5.00 sponsored by United Produces Inc.

1. Tags for Beef Cattle:
 1. All Beef Cattle are to have an 840-RFID tag in the ear.
 2. Beef Steer, Commercial, and or Market Heifer need a 5-digit county tag.
 3. Beef Registered Heifer will need tattoo matching registration papers.
2. Beef Cattle going to Indiana State Fair must submit a DNA Hair Samples in envelope by the enrollment deadline date.
3. Steer classes may be divided into light, medium and heavy as determined by superintendents and shown in that order.
4. Breed Order of Show will be posted day of the show.
5. Show Order of Classes will be posted the day of show.
6. A-I sired classes: (Must be declared at tagging) Limit of 2 entries per 4-H'er in each class. Entry to be made in 4-H'ers name at time of weigh in and name of sire and breed of sire must be named upon leading into ring.
 - A. A-I sired Steer class. All ages, all breeds.
 - B. A-I sired Heifer Class. All ages, all breeds.
7. All A-I cattle will be excluded from Knox County Bred class.
8. During the Fair, Cattle must be in the barn from 6 p.m. - 9 p.m. No animals may leave the barn from 6 p.m. - 9 p.m.
9. All grooming equipment must be moved out of the walkways after 5p.m.
10. No Aerosol cans in make arena on top of the hill.
11. All steers and commercial heifers must have been enrolled and identified by April 1st. Registered heifers must be enrolled by May 15th. Purebred heifers must have papers with the ear tattoo identical to the papers. AI and Knox County Bred must be declared by May 15.
12. Showmanship Divisions. Grade in school on January 1 of the current year.
 - a) Junior showmanship - all 4-H exhibitors in the 3rd, 4th or 5th grades are eligible. Once a 4-H member is the champion junior showman, they must compete in Intermediate showmanship in subsequent years.
 - b) Intermediate showmanship - all 4-H exhibitors in the 6th, 7th or 8th grades are eligible. Once a 4-H member is the champion intermediate showman, they must compete in senior showmanship in subsequent years.
 - c) Senior showmanship - all 4-H exhibitors in the 9th grade or above are eligible (exception only for previous years' intermediate showmanship winners).
 - Senior Showmanship the judge needs to place 1-5.
 - d) Champions & Reserve Champions will be awarded for every age division.

Age classes are:

- a. Junior heifer calves born January 1 to March 31, 2021
- b. Winter heifer calves born November 1 to December 31, 2020
- c. Senior heifer calves born September 1 to October 31, 2020
- d. Late summer yearling heifers born July 1 to August 31, 2020
- e. Early summer yearling heifers born May 1 to June 30, 2020
- f. Spring yearling heifers born March 1 to April 30, 2020
- g. Junior yearling heifers born January 1 to February 29, 2020
- h. Senior yearling heifers born September 1 to December 31, 2019

Beef Breed	Heifer	Steer
Angus	100%	100%
Belted Galloway	100%	50%
Charolais	100% Composite: 50% cannot be black	50%
Chianina & Chi-Angus	Registerable	Registerable
Gelbvieh	75%	50%
Hereford	100%	100%
Limousin	75%	Registerable
Maine-Anjou	75%	25%
Maintainer	25%	N/A
Mini Herd	MHBA rules	MHBA rules
Red Angus	100%	87%
Red Poll	100%	100%
Santa Gertrudis	100%	100%
Shorthorn	93.75%	93.75%
Shorthorn Plus	50%	50%
Simmental	76%	50
Sim-Solution	50%	N/A

4-H CAT

Superintendent: Kim King

Judging: Tuesday, 3 p.m.

Ribbons pay: Blue \$2.00, Red \$1.50, White \$1.00

All Divisions -- Exhibit in the 4-H Cat Show.

1. Any boy or girl in 4-H may become a 4-H cat project member. At least 3 activities are to be completed in the cat manual. Turn in manual before fair along with other livestock/animal manuals.
2. A member may show a maximum of 4 animals in the Cat Show if the 4-H member owns the cat, or is a family cat. Records need to be kept on each animal. Only one entry per class.
3. The cat may be either a purebred or a household pet.
4. The cat must be fed and cared for by the 4-H member.
5. Cats do not need to be registered or pedigreed in order to enter the cat project.
6. To be eligible to be shown the cat or kitten must be at least 3 months old and have had its first distemper shot by the day of the show.
7. Cats will be brought to the Fair the day of the show and shall be taken home after the completion of the show. No cats are to be left unattended at any time.
8. The cat will be removed from its cage during judging. The member will stay and watch his or her cat being judged, then return it to its cage. If a cat is not on the judging table at the time the class is judged, the cat will not be judged. The member is not allowed to speak with the judge unless so requested by the judge.
9. Each 4-H member must exhibit his or her own animal at the Cat Show. Each cat shall be under the restraint of the owner.
10. All cats shall come to the show in a carrier and leave in their carrier. The only time the animal should be removed from the cage is when they are showing or for last minute grooming.
11. State Fair Manual states that a collar and leash may be used but is to be removed for judging. County contest will use this rule also.
12. The final placing will be the determination of the judge.
13. It is recommended that all 4-H cats, other than pedigreed breeding stock, be neutered or spayed.
14. 4-H cats must be free of fleas, fungus, ear mites, or other communicable diseases.

Classes are: (Cats can only be entered into one class)

Household Kittens: cats aged 4-8 months on day of show.

- **Purebred:** cats of a recognized breed, kept pure of many generations. If the cat is registered, it must have a current registration number from one of the national cat registries, such as the Cat Fanciers Association.
- **Long Haired:** cats whose coat has long top hairs, with a thick wooly under-coat. The length of the hair on the cat's tail is often used as a determining factor. Hair length is normally 1 ½ "long or more.
- **Short Haired:** cats whose coat has only short hairs, a smooth, textured coat. Cat tail hair is usually less than 1 ½ "in length.

Household Adults: cats 8 months of age or older on show day.

- **Purebred:** cats of a recognized breed, kept pure of many generations. If the cat is registered, it must have a current registration number from one of the national cat registries, such as the Cat Fanciers Association.
- **Long Haired:** cats whose coat has long top hairs, with a thick wooly under-coat. The length of the hair on the cat's tail is often used as a determining factor. Hair length is normally 1 ½ "long or more.
- **Short Haired:** cats whose coat has only short hairs, a smooth, textured coat. Cat tail hair is usually less than 1 ½ "in length.

For purposes of this show, a kitten will be defined as an animal between three (3) to eight (8) months of age. Additional categories for age may be added at the discretion of the judge.

4-H DAIRY

Superintendent: Duke McGiffen

Judging: Wednesday, 8:00 a.m.

Classes pay premiums of: \$10.00 \$7.50 \$5.00 \$2.00

1. All Dairy Cattle are to have an 840-RFID tag in the ear.
2. All 4-H animals will show by breed and age.
3. All animals must be enrolled by May 15th of the current year.
4. Dairy animals do not have to be registered but they must be purebred or of one breed. No crossbred dairy animals will be allowed to show.
5. If your dairy animal is not registered (i.e. registration papers with a matching tattoo number) they must come to the beef weigh-in and tagging to be tagged with a county ear tag.
6. It is recommended that 4-H exhibitors wear white shirts or blouses in the dairy show ring.
7. All dairy feeder steers must be 100% dairy blood but do not have to be registered animals. Crosses of beef and dairy breeds will not be allowed.
8. Dairy feeder steers will be shown according to weight.
9. Feeder steers must weigh from 300 to 750 lbs. at the time of check-in.
10. Yearlings that have been freshened must be shown in the Cow class.
11. Order of Show by breeds: Guernsey, Holstein, Jersey, and other breeds.

Age Group Classes

Junior Calf-Born 3/1/21 or later (at least 4 months old)

Fall Senior Calf- Born--12/1/20—2/29/21

Senior Calf- Born 9/1/20—11/30/20

Summer Junior Yearling--Born 6/1/20—8/31/20

Junior Yearling- Born 3/1/20—5/31/20

Intermediate Senior Yearling—Born 12/1/19—2/29/20

Senior Yearling—Born 9/1/19—11/30/19

Junior Champion & Reserve Junior Champion

Two year old cow not in milk--Born 9/1/18 –8/31/19

Two year old cow in milk— Born 9/1/18 - 8/31/19

Three Year old cow—Born 9/1/17—8/31/18

Four year old cow—Born 9/1/16—8/31/16

Senior Champion & Reserve Senior Champion and Grand Champion & Reserve Grand Champion

Showmanship Divisions. Grade in school on January 1 of the current year.

- a) Junior showmanship - all 4-H exhibitors in the 3rd, 4th or 5th grades are eligible. Once a 4-H member is the champion junior showman, they must compete in Intermediate showmanship in subsequent years.
- b) Intermediate showmanship - all 4-H exhibitors in the 6th, 7th or 8th grades are eligible. Once a 4-H member is the champion intermediate showman, they must compete in senior showmanship in subsequent years.
- c) Senior showmanship - all 4-H exhibitors in the 9th grade or above are eligible (exception only for previous years' intermediate showmanship winners).
 - Senior Showmanship the judge needs to place 1-5.
- d) Champions & Reserve Champions will be awarded for every age division.

4-H DOG

Superintendent: Karin Schmidt and Catena Minnich

Judging: Tuesday, 8:30 a.m.

Ribbons pay: 1st: \$4.00 2nd: \$3.00 3rd: \$2.00 Others: \$1.00

All Divisions must participate in Dog Show at the Knox County Fair.

Rules:

1. A participant can show only one dog.
2. Dogs may be purebred or mixed breed. **No wolf hybrids allowed.**
3. A dog being shown in dog obedience project must belong to exhibitor or to a member of the immediate family on or before May 15, or at time of beginning local project.
4. Dogs must be 6 month old by State Fair to show at the Knox County Fair and at the Indiana State Fair.
5. Dogs participating in the 4-H program must be current on vaccinations. Vaccinations required are a one year or three year Rabies vaccine, a one year or three year DHPP, Lepto every year, and Kennel Cough (Bordetella) every year. Proof of this vaccination must be presented at the first training class. Dogs should also be checked for heartworms. Some veterinarians do not carry the DHLPP vaccine so call them early to assure your dog gets the correct shots.
6. All dogs are to be fed, trained and cared for by the 4-H'er.
7. Members must be equipped with a 6 ft. lead (leather or cotton) and a proper fitting training collar. No pinch/ prong collars.
8. Female dogs in season are not allowed to be shown at the county or state level.
9. All dogs competing in agility and showmanship must also compete in obedience.
10. For their safety, all dogs competing in agility must be one and half year old, of sound structure, and the proper weight for its size. Giant size breeds are excluded from show for safety of dog.
11. Agility work will be done on a flat buckle collar without tags.
12. Members are to complete at least 3 activities from the manual. The manual is then to be turned in before the fair along with other livestock/animal books.
13. Competing in showmanship the youth are required to use a show collar and lead.
14. All dogs must be properly groom and showing no signs on flea to attend a meeting/practice and show.
15. Knox County Dog Show follows Indiana State Fair Dog Show rule and guidelines.

4-H MEAT GOATS

4-H and Fair Board Superintendent: Rich Chatten & Joe Ruppel

Judging: Tuesday, 5:30 p.m.

Premiums: 1st: \$6.00 2nd: \$4.00 3rd: \$3.00 4th: \$2.00 Others: \$1.00

1. All goats must be enrolled by May 15th.
2. Goats are to be in possession of the 4-H'er on or before May 15, current year. For the youngest class of goats the mother must be in the 4-H'er's possession by May 15.
3. All 4-H Boer goats (except wethers) must have a readable tattoo identical to the one recorded on their registration certificate. Meat goat wethers & wether dams must be identified by a 5-digit County tag with this number on 4hOnline. **Meat goat wethers, wether dams, & Boer goats going to the Indiana State Fair must have an 840-RFID Tag (Extension Office has the new 840-RFID tags.) and turn in a DNA Hair Sample by May 15.**
4. Any goat wishing to be shown in the Best Knox County bred class will need to have a scrapie tag starting with IN42.
5. All goats must be in place by 10:00 p.m. Sunday.
6. All goats will be required to have on a collar while they are penned for safety.
7. All animals must meet the official health rules, and have a health certificate. Animals must be free of abscesses, open sores, pinkeye, respiratory diseases, foot rot, sore mouth and external parasites.
8. Registration papers must be shown to qualify for purebred class.
9. No bucks will be allowed.
10. Breed order of show will be posted the day of the show.
11. Muzzles may not be used.

Classes:

Meat Goat Wethers & Wether Does

- 1.) All wethers must be shown with their milk teeth in place.
- 2.) Wether classes will be divided according to the weight of the animals, with a 50 lb. minimum.
- 3.) The number of classes will depend on the number of wethers that arrive for the Knox County fair.

FullBlood Does (94% or greater) & Percentage Does (less than 93.9%)

Junior Show

- 1.) 3 months-old to under 6 months-of-age (born Feb. 6 - May 5, 2021)
- 2.) 6 months-old to under 9 months-of-age (born Nov. 6, 2020 - Feb. 5, 2021)
- 3.) 9 months-old to under 12 months-of-age (born Aug. 6, 2020 - Nov. 5, 2020)

Yearling Show

- 4.) 12 months-old to under 16 months-of-age (born April 6, 2020 - Aug. 5, 2020)
- 5.) 16 months-old to under 20 months-of-age (born Dec. 6, 2019 - April 5, 2020)
- 6.) 20 months-old to under 24 months-of-age (born Aug. 6, 2019- Dec. 5, 2019)

Senior Show

- 7.) 24 months-old to under 36 months-of-age (born Aug. 6, 2018 - Aug. 5, 2019)
- 8.) 36 months-old and older (born Aug. 5, 2018 or before)

Junior Division Does

- 1.) All does under 12 months of age on the day of the show shall compete in the Junior Division.
- 2.) Junior Champions will be selected from the first place class winners in the junior division.
- 3.) Reserve Junior Champion will be selected from the animals remaining in the Junior Champion Class, plus the animal that stood second to the Junior Champion in their individual class.

Yearling Division Does

- 1.) All does that are from 12 months old to fewer than 24 months of age on the day of the show shall compete in the Yearling Division.
- 2.) Yearling Champions will be selected from the first place class winners in the Yearling Division.
- 3.) Reserve Yearling Champions will be selected from the animals remaining in the Yearling Champion class, plus the animal that stood in second to the Yearling Champion in her individual class.

Senior Division Does

- 1.) All does that are at least 24 months of age on the day of the show shall compete in the Senior Division.
- 2.) Senior Champions will be selected from the first place class winners in the senior division.
- 3.) Reserve Senior Champions will be selected from the animals remaining in the senior champion class, plus the animal that stood in second to the Senior Champion in their individual class.

4-H DAIRY GOATS

4-H and Fair Board Superintendent: Rich Chatten & Joe Ruppel

Judging: Tuesday 5:30 P.M.

Premiums: 1st -\$6.00 2nd -\$4.00 3rd -\$3.00 4th -\$2.00 Others-\$1.00

1. All dairy goats must be enrolled by May 15.
2. Goats are to be in possession of the 4-H'er on or before May 15, current year. For the youngest class of goats the mother must be in the 4-H'ers possession by May 15.
3. All Dairy Goats must have a readable tattoo identical to the one recorded on their registration certificate.
4. Dairy Wethers need to have a 5-digit County Tag or Tattoo.
5. Any goat wishing to be shown in the Best Knox County bred class will need to have a scrapie tag starting with IN42.
6. All goats must be in place by 10:00 p.m. Sunday.
7. All goats will be required to have on a collar while they are penned for safety.
8. All animals must meet the official health rules, and have a health certificate. Animals must be free of abscesses, open sores, pinkeye, respiratory diseases, foot rot, sore mouth and external parasites.
9. Registration papers must be shown to qualify for purebred class.
10. No bucks will be allowed.
11. Dairy breeds order of show will be posted day of show.
12. Muzzles may not be used.

Classes:

Senior Division - consists of milking Does one year and older

Doe....one year and under 2 years

Doe....2 years and under 3 years

Doe....3 years and under 5 years

Doe....5 years and over

Senior Champion Doe

Senior Reserve Champion Doe

Junior Division - consists of Does under 2 years of age that are not in milk and have never been freshened

Junior Doe...born on or after April 1, current year

Intermediate – born March 1st to March 31st current year

Senior Doe...born before April 1 and under 1 year

Yearling Doe...one year and under 2 yrs

Junior Champion Doe

Junior Reserve Champion Doe

Grand Champion Doe

Reserve Grand Champion Doe

Wether Class – castrated wethers under 1 year of age

Goat Showmanship information is after Pygmy Goats Information

4-H PYGMY GOATS

4-H and Fair Board Superintendent: Rich Chattin & Joe Ruppel

Judging: Tuesday, 5:30 p.m.

Premiums: 1st: \$6.00 2nd: \$4.00 3

rd: \$3.00 4th: \$2.00 Others: \$1.00

1. All Pygmy goats must be enrolled by May 15th.
2. Goats are to be in possession of 4-H'er on or before May 15, current year. For youngest class of goats the mother must be in the 4-H'ers possession by May 15.
3. All 4-H Pygmy goats must be tattooed or microchipped. If Pygmy goats are microchipped, the 4-H exhibitor must furnish their own chip reader.
4. Any goat wishing to be shown in the Best Knox County bred class will need to have a scrapie tag starting with IN42.
5. All goats must be in place by 10:00 p.m. Sunday.
6. All goats will be required to have on a collar while they are penned for safety.
7. All animals must meet the official health rules, and have a health certificate. Animals must be free of abscesses, open sores, pinkeye, respiratory diseases, foot rot, sore mouth and external parasites.
8. Registration papers must be shown to qualify for purebred class.
9. No bucks will be allowed.
10. Breed order of show will be posted the day of the show.
11. Muzzles may not be used.

Classes:

Junior Pygmy Doe Show – One year old or younger

- 1.) Junior Doe Kids – born on or after April 1, current year
- 2.) Intermediate Doe Kids – born March 1st to March 31st current year
- 3.) Senior Doe Kids – born before April 1 and under 1 year
- 4.) Yearling Doe...one year and under 2 yrs

Senior Pygmy Doe Show – Over one year of age

- 1.) Milking Doe (any age)
- 2.) Jr. Freshened Doe – born Feb. 14 2020 – Aug. 13 2020
- 3.) Senior Freshened Doe – born Aug. 14 2019 – Feb. 14 2020
- 4.) Two Year Old Does – born Aug. 14 2018 – Aug. 13 2019
- 5.) Three Year Old Does – born Aug. 14 2017 – Aug. 13 2018
- 6.) Four Year Old Does – born Aug. 14, 2016 – Aug. 14 2017
- 7.) Does Five Years Old and Over – born Aug. 13 2016 or before

Pygmy Wethers

- 1.) Senior wethers – Year and over
- 2.) Junior wethers – year and under

4-H GOAT SHOWMANSHIP

Showmanship Divisions. Grade in school on January 1 of the current year.

- a) Junior showmanship - all 4-H exhibitors in the 3rd, 4th or 5th grades are eligible. Once a 4-H member is the champion junior showman, they must compete in Intermediate showmanship in subsequent years.
- b) Intermediate showmanship - all 4-H exhibitors in the 6th, 7th or 8th grades are eligible. Once a 4-H member is the champion intermediate showman, they must compete in senior showmanship in subsequent years.
- c) Senior showmanship - all 4-H exhibitors in the 9th grade or above are eligible (exception only for previous years' intermediate showmanship winners).
 - Senior Showmanship the judge needs to place 1-5.
- d) Champions & Reserve Champions will be awarded for every age division.

4-H HORSE AND PONY

Fair Board and 4-H Superintendent: Dianna Hatcher and Robert French

Horse and Pony Premiums:

4H members receive cash for participating in classes at the fair.

This cash comes from the 4-H council funds

Premium money is not paid for Grand Champion Halter or the versatility pleasure Classes

Premium Money will be withheld if required classes are not completed.

1st-\$6, 2nd-\$4, 3rd-\$3, 4th-\$2, all others & Mini \$1

Order of Show: Monday 4 P.M.

1. Speed & Action: Senior
2. Speed & Action: Intermediate
3. Speed & Action: Junior
4. Pony Poles
5. Horse Poles: Senior
6. Horse Poles: Intermediate
7. Horse Poles: Junior
8. Pony Barrels
9. Horse Barrels: Senior
10. Horse Barrels: Intermediate
11. Horse Barrels: Junior
12. Flag Race: Senior
13. Flag Race: Intermediate
14. Flag Race: Junior
15. Closed Figure 8 race: Senior
16. Closed Figure 8 race: Intermediate
17. Closed Figure 8 race: Junior
18. Keyhole Race: Senior
19. Keyhole Race: Intermediate
20. Keyhole Race: Junior
21. Arena Race: Senior
22. Arena Race: Intermediate
23. Arena Race: Junior
24. Catalog Race: Senior
25. Catalog Race: Intermediate
26. Catalog Race: Junior
27. Sack Race: Senior
28. Sack Race: Intermediate
29. Sack Race: Junior

Order of Show: Thursday 9AM

30. Showmanship: Senior
31. Showmanship: Intermediate
32. Showmanship: Junior
33. Showmanship: Mini
34. Showmanship: Mentor
35. Pony Halter: Gelding
36. Pony Halter: Mare
- 37. Grand Pony**
38. Gelding Halter: Division 1
39. Gelding Halter: Division 2
40. Gelding Halter: Division 3
41. Gelding Halter: Division 4
- 42. Grand Champion Gelding**
43. Mini Halter
44. Mare Halter: Division 1
45. Mare Halter: Division 2
46. Mare Halter: Division 3
47. Mare Halter: Division 4

48. Grand Champion Mare

49. Mare & Foal Halter
50. Hunter Showmanship
51. English Halter
52. Hunter Under Saddle
53. Hunter Equitation
54. Hunter Hack
55. Western Riding: Senior
56. Western Riding: Intermediate
57. Western Riding: Junior
58. Horsemanship: Senior
59. Horsemanship: Intermediate
60. Horsemanship: Junior
61. Horsemanship: Mini
62. Versatility Pleasure: Senior
63. Versatility Pleasure: Intermediate
64. Versatility Pleasure: Junior
65. Pleasure Mini
66. Egg & Spoon Mini
67. Trail: Senior
68. Trail: Intermediate
69. Trail: Junior
70. Trail: Mini

Order of Show: Friday 8:00 a.m.

71. Gaited Western Pleasure
72. Pony Pleasure
73. Junior Horse Pleasure (animals 5 year & younger)
74. Pleasure: Senior
75. Pleasure: Intermediate
76. Pleasure: Junior
77. Walk Trot (non-lopers only)
78. Ranch Riding: Senior
79. Ranch Riding: Intermediate
80. Ranch Riding: Junior
81. Novice Pleasure: Senior
82. Novice Pleasure: Intermediate
83. Novice Pleasure: Junior
84. Reining: Senior
85. Reining: Intermediate
86. Reining: Junior
87. Walk/Trot: Senior
88. Walk/Trot: Intermediate
89. Walk/Trot: Junior
90. Egg & Spoon Senior
91. Egg & Spoon Intermediate
92. Egg & Spoon Junior
93. Bareback Pleasure, Senior
94. Bareback Pleasure, Intermediate
95. Bareback Pleasure, Junior

All animals need to be enrolled and identified by May 15, current year.

KNOX COUNTY HORSE & PONY GUIDELINES

COUNTY GUIDELINES:

1. The Knox Co. 4-H Horse and Pony Club uses the Indiana 4-H Horse and Pony Handbook (4-H 661) as a guideline for the program. Any Situation not covered by this book will be handled by the Horse & Pony Superintendents on a case by case basis. It is the responsibility of each family to obtain a copy of this book. Each family **must** have one.
2. The 4-H Horse & Pony project is to be a learning experience and to be FUN!!
3. There will be 4-H'ers there with different levels of experience and abilities, therefore, safety for EVERYONE will be considered TOP PRIORITY. Safety and safe practices fall to the adult leaders. **THEIR DECISIONS WILL BE FINAL**
4. Any violation of the Knox County 4-H rules (by the member or their family) may cause the 4-H'er and their animal to be eliminated from competition at the County level.
5. Digital Pictures will be used for identification on both the County and State levels. *Digital pictures must be submitted on-line with the horse enrollment form. You must supply the leaders with a copy of the enrollment form and a 4x6 copy of one picture of each horse enrolled, showing all four feet and the face in the one picture. This photo must be acceptable proof of identification to the leaders and Purdue.*
6. All enrolled animals must have current vaccines required by Purdue University prior to being trailered to any 4-H event. Vaccine Form should be hand-carry to all 4-H Horse and Pony Events (County, Area, and State Fair). A copy of the Vaccine Form needs to be turn-in to Horse and Pony Superintendents. Vaccines should be administer 30 days before the horse or pony is around other horses and ponies.
7. *Any animal to be shown in the 56" and under classes will be subject to measurement. All borderline animals not previously enrolled must be measured before the county fair.*
8. Each 4-H Member may enroll unlimited number of animals. Mare & Foal is considered one entry Only 2 horses can be shown in any one class. No stallions are allowed to be enrolled nor are they allowed on the grounds.
9. All livestock must be owned and cared for by the 4-H'er. Partnership or other financial arrangements with parents or other adults is acceptable. ****NOTE:** Any horse or pony not owned by the 4-H'er or the immediate family must have an official lease agreement on file by the May 15th deadline.
10. The 4-H exhibitor is responsible for the accuracy and the completeness of the 4-H Horse and Pony enrollment form. If forms are incorrect or incomplete the 4-H member may be disqualified.
11. Appropriate tack, footwear (boots w/ heel), and an ASTM or SEI standard 1163 or above helmet, *and the county livestock dress code(including long pants and shirts with a capped sleeve for riders) will be **REQUIRED** for all events, classes, and practice meetings.* (This is a 4-H Policy)
12. At the official H&P meeting nights at the fairgrounds, only the 4-H members will be allowed in the arena during demonstration and practice times.
13. Horseback Riding at the fairgrounds is limited to the area surrounding the riding arena. Riding in other areas of the fairgrounds (barn areas and south of the access road) is prohibited.
14. Purdue Liability Policy covers only members and approved adult volunteers. All equine professionals, activity sponsors, and spectators, are covered by the Equine Inherent Risk Law as stated by the Burns Indiana Code Ann. S 34-4-44-1 (1995). This law is strongly supported by the American Horse Council.
15. Required record books must be turned in to the Extension Office or appropriate people by the designated day set. This is an appropriate expectation of 4-H.

FAIR WEEK

16. If you are stalling your horse at the fair for the week, you are to lead it to and from the horse arena when you practice.
17. Superintendents reserve the right to notify fair board vet, in case of accident or illness or any other medical concern, for any animal stalled at the fair.
18. As stipulated in "General Livestock Rules" 4-H animal exhibitors may receive grooming assistance from an immediate family member. Trainers are welcome at all horse events however during the week of the fair and on show days ALL trainers (individuals whose known main source of income is from preparing horses for show) are to refrain from assisting (Hands-On) with any procedure that enhances an animal's physical appearance or performance. This includes but not limited to clipping, grooming, lunging, riding, and working at halter. It in no way implies the individual cannot assist in an emergency situation where someone or an animal is at risk.
19. If your horse is stalled at the fair, that animal is not released until 10:00 pm on Friday night. If the Horse Show ends you will be required to stay until the approved release time.
20. Any exhibit removed from the fairgrounds prior to the official release time will be disqualified. Any placings and prizes (including ribbons, money, medals, trophies, etc.) will be forfeited.
21. The barn area, stalls, and tack locations should be kept clean and free from anything that could pose a hazard to other exhibitors or visitors at the fair.
22. All livestock pens MUST be cleaned prior to leaving on Friday night.
23. Superintendents have the authority to send home unruly animals.

HORSE SHOW

24. All EXHIBITORS, PARENTS, and SPECTATORS, will conduct themselves as ladies and gentlemen. They are to conduct themselves in such a way as to set a good example for other 4-H exhibitors and spectators at the show. IMPOLITE BEHAVIOR, POOR SPORTSMANSHIP, OR DISRUPTIVE ACTIONS (as deemed by the show management) will result in disqualification and/or removal from the fairgrounds.
25. JUNIOR EXHIBITORS are 3rd through 5th grade.
INTERMEDIATE EXHIBITORS are 6th through 7th grade.
SENIOR EXHIBITORS are 9th grade and above.
(Child's grade in school is the grade they were in on January 1 of the current year)
26. To be able to compete in other classes on the county level, each 4-H'er is required to compete in one of the showmanship classes.
27. While showing, safety is of utmost concern. Show ring courtesy dictates that all exhibitors maintain a safe distance between animals in both halter and performance classes.
28. It is recommended that each exhibitor/animal combination enrolled in the State Show, compete in the same class, or most similar qualifying class at either the area or county level.
29. All 4-H animal exhibits must be free of drug, steroid, and chemical or foreign substance residue.
30. The top five places in each livestock class, and any suspect animal(s) or those selected at random may be required upon conclusion of the judging, to submit to examination or tests as prescribed by the Fair Board or the 4-H Council. Officials reserve the right to require mandatory drug or steroid testing of animals entered for the show. Entry by an exhibitor expressly grants the right to conduct such tests. REFUSING A TEST WILL BE CAUSE FOR DISQUALIFICATION.
31. The decision of the Judge is FINAL. Any questions concerning placings, participation, or other show related problems should be addressed to the "Show Committee"

ROUND ROBIN PARTICIPANT

32. The Round Robin Participant will be selected by the Judge from the Senior Showmanship class.
 - Senior Showmanship the judge needs to place 1-5.

AUCTION

33. Six individuals will be selected to participate in the 4-H Auction. They are: Grand Champion Mare, Gelding, *and Pony* and Reserve Grand Champion Mare, Gelding, *and Pony*. If these 4-H'ers choose not to sell the horse they will be replaced by the Judge's next choice. Beginning in 2017, the following buckle winners will have an opportunity to sell in the Auction; if they choose not to sell they will NOT be handed down. Contesting, Distinguished 4-H Member, and Versatility for Senior, Intermediate, and Junior. These 4-H'ers will sell in the regular rotation schedule of the Auction.
34. The Auction Committee and the Fair Board expect orderly conduct and compliance with the Auction rules by the exhibitors and their attendants. Any violation of this rule would warrant withholding of the premiums and could have banning from future 4-H Auction Sales.

STATE FAIR

35. Anyone wishing to participate at the State level should obtain a copy of the State Fair Rules in the State Fair Handbook either from the Extension Office or on-line @ <http://www.indianastatefair.com>.
36. Entries and Entries Fees for the Indiana State Fair must be made on-line by the deadline. Please check State Fair website for deadline dates (<http://www.in.gov/statefair/fair/>).
37. All state fair entries must print a copy of their on-line horse enrollment and a copy of the State Fair entry form and take it with them to the show
38. Indiana state fair tickets are required to enter the state fair after the fair has started. These are mailed to you after you have enrolled on-line.

Specialty Awards

Participation Points

The leaders have established a point value for different activities during the year. These points are accumulated from attendance, demonstrations, work days, local open shows, and the tack auction, working in the concession stand, and the parade in Vincennes, and participating at the Indiana State Fair. There will be a participation buckle awarded to the high point winner in ALL 3 DIVISIONS. In addition to receiving the belt buckle individuals will have the opportunity to sell an enrolled horse or pony in the auction.

Attendance—1 point

With horse---1 point

Bringing drinks---1 point ****requires a minimum of a 12 pack of drinks (Gatorade, soft drinks, or water)**

Helping with a demonstration---1 point (assisting another individual with a demonstration)

Doing a demonstration---3 points (researching, lecture, and demonstrating)

Attending the area show ---2 points

Parade – 2 points

Work Days (Horse & Pony or Council)—3 points (Must be present 75%/day)

Registering for the Indiana State Fair – 2 points (provide receipt)

Participating at the Indiana State Fair – 5 points **(points will be awarded for next consecutive year)**

Contesting Points

Using the premium money amounts converted to points **each horse and rider combination** will receive points based on placing and participation in individual classes. To achieve the maximum points the member should select what they believe to be their best animal and enroll it in as many classes as possible. There will be a belt buckle awarded to the high point in each division. In addition to receiving the belt buckle individuals will have the opportunity to sell the horse or pony in the auction.

Versatility Points

Using the premium money amounts converted to points **an individual horse and rider combination selected by the 4H member** will receive points based on placing and participation in the selected classes. To achieve the maximum points the member should select what they believe to be their best animal and enroll it in the designated classes. There will be a belt buckle awarded to the high point in each division. In addition to receiving the belt buckle individuals will have the opportunity to sell the horse or pony in the auction.

These Classes are as follows:

- 1. Poles**
- 2. Barrels**
- 3. Pleasure (individuals must compete in the versatility pleasure all sizes for their age group)**
- 4. Horsemanship**
- 5. Western Riding**
- 6. Trail**

***English Pleasure is an optional class to be used only as a tie breaker.

Round Robin

A belt buckle will be awarded to the individual that competes in the Round Robin.

***The Round Robin takes place in the show barn on Thursday of the fair and is comprised of the SENIOR SHOWMANSHIP WINNERS of the different species. In the event the senior horse showmanship winner forfeits competing (or is already qualified in another species) in the Round Robin, the next eligible individual to compete will receive the buckle

Special Notes

***Each 4H member can ONLY win 1 buckle. Once a member accepts the buckle for an event, no further points will be kept for other buckles. An individual implies such by accepting the award.

*** Any animal sold in the 4-H Auction is ineligible for the Indiana State Fair

***In the event Grand Champion, Reserve Grand Champion Classes decline to sell in the auction it will be passed to the next eligible individual.

*** Buckle winners will not be passed down (Participation Point winners may sell any enrolled animal)

***Any gifts awarded by the club require the completion of the project and the showmanship class for their age group.

4-H Llamas & Alpacas

Fair Board and 4-H Superintendent: Stephanie & Joe Keller

Judging: Thursday 9:00 a.m.

County Guidelines:

1. Llamas/Alpacas must be identified in 4HOnline by May 15 with the upload of 2 pictures. 4HOnline states "State Fair Only" the need for pictures but 2 pictures are required for Knox County exhibition.
2. In showing the animal at all times the Four Quadrants of Show should be demonstrated by the exhibitor:
Four Quadrants of Show: If the Judge views the animal on the front side of animal, the Exhibitor should stand on the opposite side, if the Judge is viewing the animal on the back side, the Exhibitor should be standing on the same side of the Judge.
3. All Exhibitors will be expected to help set-up, clean-up and take down the stalls and the exhibit area.
4. All Exhibitors showing their own animals must provide their own feed, feed pans, water buckets, bedding, halters, and black leads.
5. All Exhibitors are required to care for the animals, clean pens, water, food, and grooming on a daily basis.
6. Llamas & Alpacas will show together.
7. No intact Llama or Alpaca male 24 months of age or older will be permitted to show.
8. Nursing Llama or Alpaca mothers may not be accompanied in the ring by their babies. We recommended not showing nursing llama mothers.
9. No Llama under the age of five (5) months or Alpaca under the age of (6) months may be shown.
10. All Exhibitors will have a number displayed on their chest and back, so Judge can identify. Exhibitors enter ring in clockwise patterns, Judge will provide guidance in how she or he would like Exhibitor to proceed. A Ring Steward will be in the show ring to assist in the show. Ring Steward will advise Judge on how many Exhibitors to place in each class.
11. Each Exhibitor will accumulate points during the course of the show, for each class they participate in and place in.
12. The points will be added up by a scorekeeper, at the end of the show the points will determine the Grand Champion of Show and the Reserve Grand Champion of Show.
13. 4-H Members are limited to one entry in each class.
14. Only show officials and exhibitors are permitted in the show ring.
15. Official show apparel is white button down shirt, with black pants, and closed toe shoes.

Categories

(Classes are subject to change. Classes will be finalized by June 1st.)

A. OBSTACLE CLASS - Exhibitor and animal are judged on their ability to negotiate obstacles.

Five specific obstacles are required:

1. jump
 2. change of pace
 3. backing
 4. bridge/ramp
 5. maneuvering
- Obstacle course will be displayed to Exhibitor prior to the show, a walk through will be performed by the Ring Steward prior to each class, for the benefit of the Judge and Exhibitor. A score card will be assigned for each Exhibitor, If the Exhibitor misses or skips an obstacle, zero points will be given for that obstacle. If the Exhibitor attempts the challenge and animal refuses to follow through, 1 point will be awarded for effort. Exhibitor can make up to two attempts then the Judge will ask them to continue on to the next challenge.
- Classes:
- Level 1 - Grades 3, 4, & 5
 - Level 2 - Grades 6, 7, & 8
 - Level 3 - Grades 9, 10, 11, & 12

B. HALTER CLASS - Animals are judged on their appearance and conformation (head, neck, body, straightness of top line, legs, jaw alignment and way the animal moves). In addition, both animal and exhibitor will be judged on handling and preparation of the animal.

Classes:

- Male and Female Llamas/ Miniature Lamas
- 6 months up to 2 years of age
- Over 2 years of age (Males must be none-breeding)
- Male and Female Alpacas
- 6 months up to 2 years of age
- Over 2 years (Males must be none-breeding)

C. SHOWMANSHIP CLASS - Exhibitors are judged on their knowledge of the animal and ability to show his/her animal to the best of his/her ability.

Judging Areas:

1. Four Quadrants of Show
2. Grooming (both animal and exhibitor)
3. Following directions
4. Presentation of animal
5. Answering questions that pertain to their animal
6. Backing animal
7. Changing position with other exhibitors in the show ring.

Showmanship Divisions. Grade in school on January 1 of the current year.

- a) Junior showmanship - all 4-H exhibitors in the 3rd, 4th or 5th grades are eligible. Once a 4-H member is the champion junior showman, they must compete in Intermediate showmanship in subsequent years.
- b) Intermediate showmanship - all 4-H exhibitors in the 6th, 7th or 8th grades are eligible. Once a 4-H member is the champion intermediate showman, they must compete in senior showmanship in subsequent years.
- c) Senior showmanship - all 4-H exhibitors in the 9th grade or above are eligible (exception only for previous years' intermediate showmanship winners).

4-H POULTRY

Fair Board & 4-H Superintendent: Brent Hislip and _____

Judging: Monday 8:00 a.m.

Poultry Premiums: Blue-\$3.00 Red-\$2.00 White-\$1.00

1. All Poultry must be in place by 10.00 p.m. on Sunday. No animals will be removed without the approval of the Poultry Superintendents.
2. Class champions and class reserve champions may be represented in the auction on Friday.
3. Individual bird identification required for entry. Member is to do at least 3 activities from manual and turn in early with other livestock/animal manuals.
4. The show will be judged by the APA (American Poultry Association) Standards of Perfection and ABA (American Bantam Association) Bantam Standard.
5. If an animal is part of a pen it cannot be shown in any other class.
6. No fighting cocks, geese, guineas, peacocks, or pheasants.
7. All birds must be washed dried, and groomed prior to arriving at the Fair on Sunday.
8. No Poultry may be exhibited showing signs of an infectious or communicable disease or external parasites.
9. All Poultry presented for exhibition must meet one of the following requirements:
 - a. Test negative for pullorum-typhoid within 90 days prior to the date of their exhibition.
 - b. Be hatched from eggs originating from certified NPIP pullorum-typhoid clean flocks.
 - c. Originate from a flock where the entire flock is certified NPIP pullorum-typhoid clean.
 - d. To meet NPIP Requirements a purchase receipt from a hatchery, breeder, or farm store clearly showing the breed, quantity, and purchased date will be required.
10. All birds must be banded and blood tested each year by staff unless NPIP certification is established.
11. Every bird is required to have identification band on the leg of the bird to exhibit at the fair. There will be NO retagging.
12. Poultry Classes will be posted day of the show. Categories will be Large Fowl, Commercial chickens, Bantam chickens, Turkeys, Waterfowl, and Pigeons.
12. Champion ribbons will be awarded for the best blue ribbon exhibit in each division.
13. No additional premiums are given for Championships.
14. A member may have 2 entries in each of the Large Fowl Classes, Bantam Classes, Turkey Classes, Waterfowl Classes, and Pigeon Classes. **A member may only have 1 entry in the Commercial classes.**
15. Dirty birds will be dropped one (1) ribbon place as determined by the judge.
16. Once a 4-H member wins an intermediate showmanship class they will participate in the senior showmanship class at the next year's fair.
17. **It is the responsibility of the 4-H'er to feed and water their animals while at the fair and to keep the cage area under the pen clean.**
18. Poultry are to be in the possession of the 4-H'er on or before May 15th, current year. All Poultry exhibits must be banded.
19. All birds, depending on breed, must be large enough to blood test and band to be determined by the Poultry Superintendents.
20. No items will be placed in the Poultry Barn other than exhibitor tags and 4-H ribbons unless approved by the Poultry Superintendents.
21. Only the Poultry Superintendents can make changes to the exhibitor tags on cages.
22. All birds in the Poultry Building will be removed by midnight on Friday night.
23. The Maximum number of cages per exhibitor is 12.
24. The Maximum number of birds that can be banded per exhibitor is 30.
25. Poultry exhibitors will be required to have a water bottle type water, also called a Fount, for each of the pens which can be purchased from the Superintendent.
26. Superintendents are the only ones who can move birds from cage to cage.

Poultry Classes:

COMMERCIAL CHICKEN CLASSES

EGG TYPE

White Egg Shell pullets (2 birds)
White Egg Shell hens (2 birds)
Brown Egg Shell pullets (2 birds)
Brown Egg Shell hens (2 birds)

MEAT TYPE

Dual Purpose pullets (2 birds)
Dual Purpose hens (2 birds)
Roasters (2 birds)

EGGS

White Shell chicken eggs, hen or pullet (6 eggs)
Brown Shell chicken eggs, hen or pullet (6 eggs)
All Other chicken eggs, hen or pullet (6 eggs)

LARGE FOWL CLASSES

American large fowl
Asiatic large fowl
Continental large fowl
English large fowl
Mediterranean large fowl
All Other Standard Breeds large fowl

BANTAM CHICKEN CLASSES

Modern Game
Old English Game
Single Comb Clean Legged
Rose Comb Clean Legged
All Other Comb Clean Legged
Feather Legged

TURKEYS CLASS

Turkey Any Breed/Any Sex

WATERFOWL CLASSES

Heavy Weight Duck
Medium Weight Duck
Light Weight Duck
Bantam Duck

PIGEON CLASSES

Sporting/Performance
Utility
Fancy

4-H RABBITS

Fair Board & 4-H Superintendent: Jennifer Kramer & Phillip Hedge

Showmanship & Judging: Monday, 9:00 a.m.

Poster judging: Wednesday before the fair

Rabbit Premiums: Blue \$3.00, Red \$2.00, White \$1.00

Note: Judging will begin at 9:00 a.m. with Mini 4-H showing first. Directly after the Mini, the general 4-H Rabbit Show will begin.

1. 4-H members may complete the Rabbit program in more than one way. The ways are:
 - a. Making and turning in a rabbit poster
 - b. Rabbit Showmanship
 - c. Exhibiting rabbits at the fair
2. All members must complete the rabbit manual.
3. 4-H'ers must have rabbits in their ownership and their possession no later than May 15th of the current year.
4. All rabbits must have a legible tattoo in the left ear for identification purposes, and the county tattoo in the right ear. There will be one tagging date for putting these tattoos in the rabbit's ears and will be established for those who have rabbits that need tattooing. This date will be as close to the May 15th possession date as possible. Both tattoos must be in the rabbits ear by May 15th.
5. **All rabbits must be ID on 4HOnline by May 15. The following information is required: the rabbits Tattoo, Birthdate, Sex, & Breed.** This is to be done for ALL rabbits – even if these are the same rabbits that were used last year.
6. **A Member may show a maximum of 12 rabbits with entries from no more than 4 breeds. A member can only have 4 entries per class.**
7. Rabbits are judged as follows:
 - a. Classes are judged for Blue, Red, and White ribbons
 - b. Class blue ribbons are judged for class champion and reserve class champion
 - c. All class champions are judged to get a breed champion and reserve breed champion
 - d. All 4-class breed champions will compete for their 4-class Grand Champion and the Reserve Grand Champion
 - e. All 6-class champions will compete for the 6-class Grand Champion and the Reserve Grand Champion
 - f. The 4-class and the 6-class Grand Champions will compete for the overall Best of Show
8. Champion ribbons and trophies and Reserve Champion ribbons will be awarded in each breed.
9. No additional premiums are given for champions.
10. All rabbit members must indicate the numbers and the breeds of their rabbits that they intend to show during the fair so that cages and trophies can be in place. Forms will be sent to each member who has indicated that they are showing rabbits. These must be returned by JULY 1. Failure to return this form will mean that the 4-H'er will NOT be allowed to show their rabbits.
11. It is the member's responsibility to know the breed, sex, and the class of the rabbit that they are showing.
12. Members need to follow the dress code for showing their rabbits:
 - a. Wear long pants
 - b. Wear either a lab coat or long sleeved shirt
 - c. Shoes should not be open toed or have open heels
 - d. Have longer hair pulled back
 - e. No gum chewing
13. Rabbits entered in the wrong breed or class may be put in the correct breed or class if that breed or class has not already been judged, or it may be put in the cross breed class.
14. It is the responsibility of the 4-H'er to feed and water their animals while at the fair and to keep all litter from beneath their cages. Carriers and food should not be kept in the barn.
15. NO RABBITS MAY BE EXHIBITED SHOWING SIGNS OF AN INFECTIOUS OR COMMUNICABLE DISEASE.
16. Breed Order of Show will be posted at livestock check in and on day of show.
17. NO personal fans in rabbit barn.

RABBIT SHOWMANSHIP

1. Showmanship is showing the judge what you know about your rabbit
2. Members will show their rabbit one at a time in front of the judge
3. Members must follow the dress code set forth in the rules for rabbits.
4. There are 3 levels of showmanship.
 - Level 1 - Junior (grades 3, 4, and 5)
 - Level 2 - Intermediate (grades 6, 7, and 8)
 - Level 3 – Senior (grades 9 and above)

Once a 4-H member wins an intermediate showmanship class they will participate in the senior showmanship class at next year's fair. 2014 intermediate showmanship winners will be advanced to the senior class at 2015 fair.

5. The judge will use a state approved score sheet for his scoring.

RABBIT POSTERS

8. Members have the opportunity to make a poster instead of showing a rabbit, or in addition to showing a rabbit.
9. Posters are to be entered in the 4-H building during the Saturday non-perishable judging.
10. Posters should be informative and from one of the following subjects:
 - a. Breeds and Characteristics
 - b. Feeding and care
 - c. Housing
 - d. Having litters
11. Posters must have a 3x5 file card listing resources used in making the poster attached to the back of the poster in the center.
12. A champion and a reserve champion will be awarded in the poster project. Posters will be judged as blue, red, or white.
13. Posters should follow the regulations for the posters in the general 4-H rules.
14. Rabbit poster premiums are the same as all entries in the 4-H building.

MINI 4-H RABBIT

1. Mini 4-H members may attend rabbit club meetings and participate in rabbit club activities.
2. Mini 4-H members may show 1 rabbit and they need to follow the May 15th ownership and possession date deadline as the other rabbit members.
3. Mini 4-H members must have the same ear tattoos that regular 4-H rabbit members must have in their rabbit's ears.
4. Mini 4-H members may show a rabbit that is going to be shown by a regular 4-H member who is taking the rabbit project.
5. Mini 4-H rabbits DO NOT stay at the fair. The mini 4-H rabbit goes home after it has been judged, unless it is an entry for an older rabbit member.
6. All mini 4-H rabbit members will show their rabbits at the start of the rabbit show. All members will bring their rabbits to the show table at the same time and stand behind their rabbit while being judged.
7. There is no premium money paid for the mini 4-H rabbits.

4-H SHEEP

Fair Board Superintendent: Richelle McGiffen

4-H Superintendent: Rex Decker

Judging: Wednesday 5:30 p.m.

Premiums: 1st-\$6, 2nd-\$4, 3rd-\$3, 4th-\$2 and others \$1

All entries must be made to superintendent by 10:00 p.m. on Sunday

GENERAL SHEEP RULES:

1. Market lambs must use a five (5) digit ear tag. Commercial ewes may be identified by a 5-digit county tag or a farm flock tag. Registered ewes must be identified by the ear tag that corresponds to the tag number listed on the ewe's registration paper. **Any Sheep going to the Indiana State Fair must have an 840-RFID Tag (Extension Office has the new 840-RFID tags.) and turn in a DNA Hair Sample by May 15.**
2. 4-H animal may not be maintained at a professional fitter's facility
3. Direct application of ice, ice water, alcohol, Freon or other refrigerant to the hide of lamb is strictly prohibited.
4. Market lambs must be under 1 year of age on show day and still have their lamb's teeth intact.
5. A ewe lamb may not be shown as both a market and breeding animal in a given year. A ewe lamb can be shown as a market lamb one year and then shown as a yearling breeding ewe the following year.
6. Any lamb showing evidence of testicular tissue is ineligible in the wether class.
7. Purebred market lambs must be born of purebred parents of the same breed and exhibit characteristics consistent with that breed.
8. A pair of lambs in breeding classes must both be of the same sex.
9. Pair class animals must be entered and shown by the same exhibitor
10. Any breeding ewes or rams wishing to be shown in the Best Knox County Bred class must have a scrapie tag starting with IN42.
11. Muzzles may not be used.

BREED ORDER OF SHOW: Will be posted day of show.

BREEDING SHOW ORDER:

Yearling ram (1 yr. and under 2 yr.)
Fall ram lamb (born Sept1-Dec31, last year)
Commercial ram
Ram lamb (born Jan 1 & after, this year)
Champion ram & Reserve Champion ram
Yearling ewes (1 yr. and under 2 yr.)
Pair of yearling ewes
Fall ewe lamb (born Sept 1-Dec 31, last year)
Ewe lambs (born Jan 1 & after, this year)
Pair of ewe lambs
Champion ewe & Reserve Champion ewe
Best 4 head
Ram and 2 ewes
Supreme Champion ram (Selected from Champion rams of each breed)
Supreme Reserve Champion ram
Supreme Champion ewe (Selected from Champion ewes of each breed)
Supreme Reserve Champion ewe
Best Knox County bred ram
Best Knox County bred ewe lamb
Best Knox County bred wether

MARKET SHOW ORDER:

Lightweight market lamb
Medium weight market lamb
Heavy weight market lamb
Pair market lambs
Champion market lamb
Reserve champion market lamb
Champion pair of market lambs
Grand Champion market lamb
Grand Champion Pair of market lambs

Showmanship Divisions. Grade in school on January 1 of the current year.

- a) Junior showmanship - all 4-H exhibitors in the 3rd, 4th or 5th grades are eligible. Once a 4-H member is the champion junior showman, they must compete in Intermediate showmanship in subsequent years.
- b) Intermediate showmanship - all 4-H exhibitors in the 6th, 7th or 8th grades are eligible. Once a 4-H member is the champion intermediate showman, they must compete in senior showmanship in subsequent years.
- c) Senior showmanship - all 4-H exhibitors in the 9th grade or above are eligible (exception only for previous years' intermediate showmanship winners).
 - Senior Showmanship the judge needs to place 1-5.
- d) Champions & Reserve Champions will be awarded for every age division.

4-H SWINE

Fair Board Superintendent: Jared Thomas

4-H Superintendent: Justin Marchino

Judging: Tuesday, 7:30 a.m.

Premiums: 1st--\$6.00 2nd--\$4.00 3rd--\$3.00

4th--\$2.00 Other--\$1.00

1. All Swine are to have an 840-RFID tag in the ear.
2. All entries must be made to Superintendent by 10:00 p.m. on Sunday.
3. All swine will be judged by breeds and crossbred. Purebred stock must have registration papers.
4. All swine must be ear notched & enrolled by May 15th. Questionable ear notches will be subject to review by a screening committee and the animal will be disqualified if the committee deems the ear notch to be more recent than May 15.
5. Bedding for pens will be limited to wood chips only.
6. Only Box fans are to be used during the fair.
7. All market hogs will be weighed in and tagged at time of delivery to fairgrounds. Hogs will only be weighed once.
8. All hogs should be washed prior to arriving at the fair Sunday.
9. No animal can show in both the market and breeding class.
10. Breed order of show: Determined by superintendents.
11. All hogs of each breed will show in one class unless numbers warrant dividing into lightweights and heavy weights. The superintendents will determine the breaking point.
12. The committee in charge will act upon any items not included above.
13. Any hogs not going through the Auction or to market must be off the fairgrounds by 8:30 a.m. Saturday. All animals other than auction are the owner's responsibility to remove at the designated time.
14. All barrows must weigh between 220- 300 pounds to exhibit, in accordance with State Fair rules.
15. Gilts must weigh:
 1. Purebred with registration papers no less than 180 pounds
 2. Crossbred gilts 200 and over
16. No Boars.
17. Limit of 9 head per 4-H'er.
18. Classes:
 - Market Hogs**
 - Light Barrow
 - Heavy Barrow
 - Champion Barrow
 - Reserve Champion Barrow
 - Grand Champion Barrow
 - Res. Grand Champ Barrow
 - Gilts**
 - Champion Gilt
 - Reserve Champion Gilt
 - Res. Grand Champion Gilt
 - Grand Champion Gilt
19. The Swine Superintendents will assign all swine pens.

20. **Slick clipping or body shaving of 4-H barrows and gilts is prohibited. Animal's slick clipped or body shaved less than one half inch (in length) will not be allowed to exhibit. Hair length can be looked at any time by the committee prior to the Swine Show Tuesday morning. Hair will be checked if a complaint is filled. The complaint's animals will also be subject to be checked.**
21. Showmanship Divisions. Grade in school on January 1 of the current year.
- a) Junior showmanship - all 4-H exhibitors in the 3rd, 4th or 5th grades are eligible. Once a 4-H member is the champion Intermediate showman, they must compete in junior showmanship in subsequent years.
 - b) Intermediate showmanship - all 4-H exhibitors in the 6th, 7th or 8th grades are eligible. Once a 4-H member is the champion intermediate showman, they must compete in senior showmanship in subsequent years.
 - c) Senior showmanship - all 4-H exhibitors in the 9th grade or above are eligible (exception only for previous years' intermediate showmanship winners).
 - Senior Showmanship the judge needs to place 1-5.
 - d) Champions & Reserve Champions will be awarded for every age division.

SENIOR ROUND ROBIN SHOWMANSHIP

Judging will be Thursday 7 p.m.

Superintendents: Jason and Heather Misiniec

GUIDELINES:

- Contest should be FUN
- Should be something to strive for as Senior showmen.
- Will be only one (1) winner
- Contestant winners of each species shall not be revealed until contest ends.

Who Participates:

- Senior Showman winners of various livestock classes (beef, dairy, sheep, swine, horse, dairy goat)
- If NO Senior Showman then no representative from that species
- Senior Showmen are eligible to participate in Round Robin Showmanship more than once if they continue to be the winner of the livestock species.
- Previous Round Robin winners are ineligible to participate.

Livestock Used for Show:

- Livestock superintendents of each species contact various exhibitors for permission to use their animal.
 - Animals should be gentle.
 - Owner of selected animals to bring animal and equipment necessary for showing to show arena at time of show (halters, brush, show stick, etc.).
 - Animals should be clean, but no extensive grooming to be done.
- Owners of animals used will stay to insure safety of the animal, equipment and spectators, and to return animal to stall after contest. Owner is NOT to assist contestants.

Animal Selection for Showmanship Participants:

- To be by blind draw
- Each animal given a number and contestants draw for their animal
- Participants will not be allowed to show their own animal, redraw another number

Showman Qualifies In More Than One Livestock Area:

- If showman qualifies in more than one livestock area, the first livestock area qualified in shall be the one they represent.
- Each livestock area will have a runner up to be the alternate.

Ties:

- Judge will place each contestant in each livestock species and assign point value for placing. Lowest point wins; i.e., 1st--1 points, 2nd--2 points, 3rd--3 points, 4th--4 points, 5th--5 points, 6th--6 point.
- In the event of a tie the judge will determine the winner at his discretion.

BEEF: Animal to come to ring in show halter, bring brush, show stick, scotch comb

DAIRY: Heifers to come to ring with show halter

SWINE: Brush and cane, stick or whip

SHEEP: No halter while showing

GOATS: Cup for milking

HORSES: Bring show halter, brush, and comb

ONLY light grooming will be necessary by contestants. Brush visible dirt or straw. Goats may be milked. Horses will be haltered in contest.