Spencer County 4-H Handbook 2025-2026
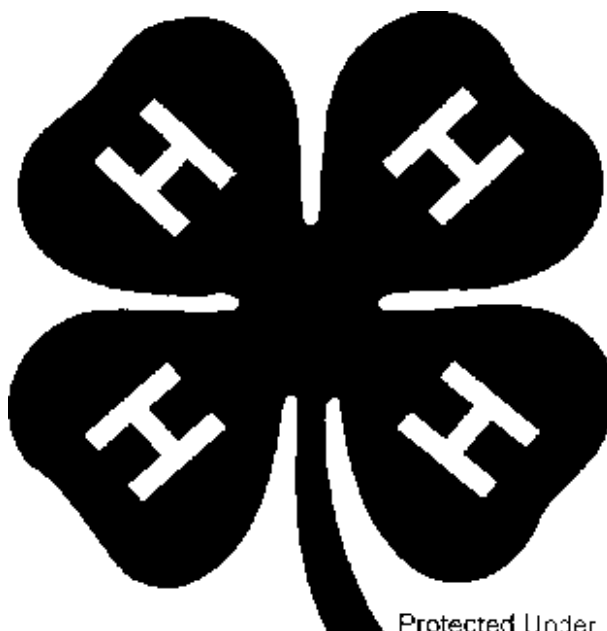

Spencer County 4-H Fair June 26 - June 29, 2026

Purdue Extension Spencer County Office
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https://v2.4honline.com

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WHAT IS 4-H?

The Indiana 4-H Program Philosophy and Expectations: The Indiana 4-H Program serves the youth of Indiana by providing a strong education 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 include 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 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 public 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 public school, 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 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 regardless of 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 school year.

Each member should enroll in the division of a project 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, national origin, 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 4-H club year usually extends from one annual 4-H exhibit to the next. Enrollment is an annual process attained by completing the appropriate county 4-H enrollment form. 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 thru January 15.

MINI 4-H

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.

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

YOUTH NEEDING SPECIAL ACCOMMODATIONG

4-H programs should be designed to consider the needs of participants to create a sense of belonging and feeling of inclusion among all youth. Accommodations may include youth with special needs (e.g., cognitive, learning, physical differences), or there may be other accommodations requested. For accommodations or requests, please contact the Purdue Extension 4-H Youth Educator. Purdue Extension meets all reasonable accommodation requests. A series of Inclusive 4-H resources are available on the Indiana 4-H Website to help staff, volunteers, and families provide the best opportunities possible for all youth regardless of their level of abilities.

RESIDENCE

Indiana youth typically enroll in 4-H 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 4 in a different county than that of their primary residence.

During a single calendar 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) 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, DC, 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.

GUIDELINES FOR EXHIBITION AND COMPLETION

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

Exhibition: Exhibition of 4-H projects in local, county, or state exhibits/fairs is voluntary on the part of the exhibitor. The

exhibition of 4-H projects provides 4-H members an opportunity to display their 4-H projects, 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 project must not be misinterpreted as exhibition of said project at a local, county, or state fair. 4-H members are considered complete in their project work for that year when they have (1) completed an "official" 4-H member enrollment form prior to the established and published date for enrolling; (2) turned in a completed 4-H project record sheet prior to the established and published date; and (3) had an officially recognized 4-H leader/extension educator verify the existence of the completed project or activity. 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.

Note: In a statement from our federal partner in Washington, DC, 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.

POSTER PROJECTS

Unless otherwise stated, ALL POSTERS WILL BE 22"X 28", must be displayed horizontally, with a FIRM BACKING, and COVERED WITH A CLEAR PLASTIC SLEEVE. Please place exhibit tag on outside of clear plastic & on bottom right hand corner. Projects will be lowered one ribbon placing if incorrectly displayed. Poster Supplies are available for purchase through the Extension Office as well.

To aid in returning poster projects to the correct owner, it is recommended that each 4-H member write his or her name on the back of each poster in addition to the exhibit card on the front.

Lettering used on regular 4-H posters can be whatever type the 4-H member chooses.

Photography Exhibits will put exhibit cards under the plastic. All other projects will put the exhibit cards outside the plastic covers.

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.

GENERAL RULES FOR 4-H EXHIBITS

4-H'ers should enroll in 4-H projects with divisions in the division most appropriate to their skill level. One may not enroll in a division lower than they have completed in each project previously. Other projects are divided as follows:

Level I - Grades 3, 4, 5

Level II - Grades 6, 7, 8

Level III - Grades 9,10,11,12

or

Level A - Grades 3 & 4

Level B - Grades 5 & 6

Level C - Grades 7, 8, & 9

Level D - Grades 10,11 &12

4-H members are limited to one exhibit per class except livestock and where otherwise noted. All exhibits must be entered on or before their specified entry time both in Fair Entry and at the fair. All exhibits must be prepared during the current 4-H year. Green folders are to be turned in to the 4-H Office during project check in. The white "My Record of Achievement" card should be placed in the front of the green folder. The current signed green project record sheet should follow in chronological order.

Exhibits will be placed in a blue, red, or white ribbon class, based on quality as determined by the judge. If the exhibit is not completed according to project rules, it will be judged on its own merit and the placing of that exhibit will automatically drop one ribbon.

State Fair stickers will be placed on exhibits that are selected for entry to the State Fair. Judge's decision is final. After exhibits are judged and while the judge is still present, all State Fair and Champion projects will be reviewed for proper exhibit requirements by the Extension Educator –Youth, appointed designee, or project superintendent.

Exhibit tags for all exhibits will be available for exhibitors during check-in. To ensure tags are printed correctly, all projects must be entered by the deadline. Read your project manual carefully for detailed instructions on exhibit preparation. Where a difference exists between the manual and this handbook, always follow the handbook.

Exhibits must be left in place until the time of exhibit release specified by the fair schedule. Exhibits removed before the release time will NOT receive a ribbon. If a 4-H'er removes his/her project exhibit from the fair prior to the published release time, they will not be permitted to exhibit at the Indiana State Fair for the current 4-H year. Every effort will be made to protect exhibits, BUT the Spencer County 4-H Association will NOT be held responsible for any losses or damage which may occur. Please use good judgment when bringing your exhibits to the fair. The Spencer County 4-H Association reserves the right not to display any exhibit that is deemed inappropriate for the fair-going audience.

GENERAL LIVESTOCK RULES

1. Health requirements for exhibition must be observed. The current regulations can be found at http://www.in.gov/boah/

2. Any animal not properly fitted and exhibited may be judged unworthy for an award by the judge.

3. Each exhibitor will have to furnish his own feed and bedding. Each exhibitor will have to feed and care for his own stock until animal is released.

4. Each exhibitor will be required to keep his own pen or stall clean. Pens and stalls will be inspected daily.

5. False switches will not be permitted.

6. Any Indiana site associated with the sale, purchase or exhibition of cattle, hogs, sheep, goats and captive cervids must register their premise with the Indiana Board of Animal Health and obtain a premise ID from the Board of Animal Health. This includes 4-H members housing 4-H animals. For more information contact the Extension office.

7. All exhibitors and parents will conduct themselves in such a manner as to set a good example for other 4-H exhibitors and spectators at 4-H shows. Inhumane treatment of animals, impolite behavior, poor sportsmanship, or disruptive behavior, as deemed by show management, will result in disqualification and/or removal from the

grounds.

8. All animals will be inspected before unloading by the superintendent or designee. All swine exhibited will go to slaughter unless the project superintendent is notified.

9. No animal that has knowingly been tranquilized will be eligible for showmanship contests.

10. All livestock members must complete state enrollment forms by the deadline in order to exhibit project animals at the 4-H Fair.

11. *NO* intact male goats, sheep, swine, cattle or horses are allowed to exhibit at 4-H Fair.

12. *NO* horned animals, except goats and sheep, are to be exhibited at the 4-H Fair.

13. Each 4-H member shall own his/her own exhibit. If 4-H members' project animals (those to be shown at the fair) are raised anywhere else other than the members' property, members must inform the 4-H Association Board in writing where they will be raised on or before May 1 of the current year. Those members must also keep a time log of times and dates they worked with project animals. The log should be turned in with the green members' record book at the 4-H Fair.

14. All beef animals except feeder calves must be in the 4-H member's possession by February 1. Other animals must be in possession by date specified in project requirements. Possession date for breeding heifers and rabbits is May 15.

15. Members enrolled in horse and livestock projects are expected to help with set-up day prior to the 4-H Fair and with clean-up day at the conclusion of the fair. ALL livestock members will pay, to the barn superintendent, a stall deposit of $10 per barn by check (horse members pay $25 by check) which will be refunded if the member helps with clean- up. (Any stall deposits not refunded will be added to fairgrounds building maintenance fund). Members must pay the stall deposit to be eligible to participate in the livestock auction.

16. If any animals become sick during the fair, livestock committee members and Extension staff will meet with the animal's owners. Mutually a decision will be made to either call a vet for the animal or send the animal home. If a vet is called, the vet will decide if the animal should remain on the fairgrounds and that decision will be final. The vet's bill will be the responsibility of the animal's owners.

17. Poultry must originate from a NPIP certified Pullorum-Typhoid Clean flock or have had a negative Pullorum-Typhoid test within ninety (90) days preceding the 4-H Fair. Dogs being shown at the fair must be accompanied by a certificate of vaccination signed by a licensed and accredited veterinarian which indicates the vaccinations each animal has been given. Cats must also be accompanied by certification signed by a licensed and accredited veterinarian and which indicates the vaccinations each animal has received. Sheep and goats must be ear tagged or tattooed as part of the scrapie eradication program. Horses: see project requirements for more specific information.

18. All youth wishing to participate in a livestock exhibit will be required to take the YQCA course offered through the Extension Office.

19. If a 4-Her is unable to exhibit their animal, approval will be needed from the Livestock Superintendent for a suitable replacement to be found. At minimum, this will need to be an active 3rd-12th grade 4-Her that is familiar with the species being shown.

20. Tie-Out Policy: Tie out times will be listed in the barn for cattle tie-out. If animals are not moved during these times, 4-Hers will forfeit the opportunity to move their animal. This is for the safety of animals, exhibitor, and guests on the fairgrounds.

LIVESTOCK AUCTION

The purpose of the livestock auction is to provide an educational experience that should not only provide responsibilities to the 4-H'ers, but should provide them with skills in financial management available to them.

AUCTION GUIDELINES:

1. Each 4-H'er exhibiting in Beef, Dairy, Goat, Sheep, Swine, rabbit meat pen or commercial rabbit, commercial poultry exhibit may sell ONE ANIMAL in the 4-H Livestock Auction.

2. An animal being sold may be handled by another 4-H'er during the auction.

3. A $20 livestock fee will be withheld for each animal going through the auction. Those wishing to participate in the auction must register by the deadline. Auction cards must be turned in to Livestock Superintendents or at the designated location prior to deadline. No exceptions will be made.

4. Commodity check-off fees, insurance, trucking fee and shrinkage may be deducted from animals marketed.

5. 4-H members selling an animal through the auction must have exhibited that animal during the current years Spencer County 4-H fair.

6. Each 4-H member may enter only one animal in the livestock auction. The 4-H livestock auction will be a premium-only sale. After the auction, a 4-H member has options of sending animal to a local livestock market, selling animal to an individual, or taking animal home (exception-swine will not be taken home). If animal is taken home, 4-H exhibitor retains ownership of the animal but may not show it at any other 4-H Fairs in year shown. 4-H animals that have gone through the premium auction at county are not eligible to participate in 4-H show at the State Fair.

7. AUCTION DRESS GUIDELINES: Please remember that you are representing and promoting the Spencer County 4-H program during the auction. Clothes worn at this time should be similar to those worn while showing. Please wear clothes that are neither too loose nor too tight and are clean and professional in appearance. Shorts are not appropriate for the auction.

8. In order to participate in the livestock auction, members must have completed project requirements, including having their animals judged in one of the 4-H species shows. Only species that are grown for end market use (beef, dairy, meat goats, dairy goats, meat sheep, wool sheep, swine, commercial rabbits and poultry) are allowed to sell in the auction. Those that are sold cannot show at the state fair as well it cannot compete for the same ribbon that it competed for the year it was sold.

9. Once the premium checks are sent to the 4-H member, if the check needs to be reissued due to not cashing within 90 days or loss. There will be a replacement charge of $40.00.

HERDSMAN AWARD CRITERIA

1. The Herdsman Award is given to one 4-H'er in each animal project.

2. Animals should be tame and prepared for exhibit.
3. The 4-H exhibitor should be present at the fair daily to feed, water and care for their animals.

4. Animals should be groomed daily.

5. The exhibitor should show good sportsmanship and be willing to help others throughout the fair week.

6. All specie exhibition guidelines should be followed.

7. In addition to the above criteria, superintendents can utilize member and adult voting in the selection of the herdsman award.

LIVESTOCK SHOWMANSHIP

There are four (4) divisions of Showmanship: Junior (grades 3-5); Intermediate (grades 6-8); Senior (grades 9-12) and Master. The contest sequence for all species at 4-H livestock shows will be Senior, Intermediate, Junior and then Master Showmanship. The Senior Showmanship winner will advance to Master the same year he/she wins, but the Junior and Intermediate division winners will not advance to the next level of Showmanship until the following year. Master Showmanship winners may continue to compete at the Master level through the end of their 4-H career.

Members who wish to participate in showmanship contests must sign up at the announcer's table in the livestock arena before the species show begins.

RULES FOR OVERNIGHT STAYS AT THE 4-H FAIR

Horse trailers must park in an orderly fashion and be within the roped area. All parking of horse trailers and campers is subject to approval by the Horse and Pony Club leaders.

A $50.00 hook-up fee will be charged for campers and trailers using electricity at the fair and collected by a YCC Board Member.

Exhibits must be checked out before leaving the 4-H Fair. All livestock and horse exhibits will be released one hour after livestock auction.

No alcoholic beverages may be sold or consumed on the fairgrounds during any 4-H activity. Spencer County 4-H Association is not responsible for lost, stolen, or damaged exhibits. Spencer County 4-H Association is not responsible for accidents that occur during the 4-H Fair.

REQUIRED ANIMAL ID PER SPECIES

The below table lists the different individual types of animals and their respective form of identification that is required in which to be eligible for 4-H animal shows at the Indiana State Fair. It is these ID types that are required to be in Indiana 4-H Online by the respective deadline. Any of these IDs that are missing, incomplete or incorrect will result in state fair ineligibility.

Beef and dairy beef steers	840-RFID tag **and** 5-digit county tag and DNA Hair Sample
Commercial heifers	840-RFID tag **and** 5-digit county tag and DNA Hair Sample
Registered heifers	840-RFID tag **and** tattoo and DNA Hair Sample
Market lambs	840-RFID tag and 5-digit county tag and DNA Hair Sample
Commercial ewes	840-RFID tag and 5-digit county tag/or official scrapies tag and DNA Hair sample
Registered ewes	840-RFID tag and ID that matched registration Papers and DNA Hair Sample
Swine	840-RFID tag and ear notch **and** DNA hair sample
Dairy cattle	840-RFID tag and animal's registered name and registration number (or dam's registration number) and DNA Hair Sample
Meat goat wethers	840-RFID Tag and 5-digit County Tag and DNA Hair Sample
Market goat does	5-digit county tag **or** tattoo
Boer goat females	Tattoo
Dairy goat females	Tattoo
Dairy goat wethers	5-digit county tag **or** tattoo
Pygmy goats	Tattoo **or** microchip **or** 5-digit county tag **or** scrapies tag
Horse and pony	Color picture
Llama and alpaca	Color picture

4-H LIVESTOCK COMMITTEE

Joel Weber   Tim Sigler
Kelly Kuchenbrod   Morgan Hale
Logan Leibering   Wendy Taylor

4-H CLUBS AND LEADERS

Chrisney Clovers
Joel Weber

South Spencer 4-H Club
Margie Benton
Jessica Bolen

Dale Boys & Girls Club
Ashley Tempel

Dog Club/Richland East
Brad Tempel
 Wendy Taylor
Dawn Mix

Rabbit Club
Courtney Shover
Jenna Halder
Kelly Bratcher

Evanston Community Clovers
Jenny Keller
Michelle Foertsch

Fulda 4-H Club
Vickie Snyder
Jill Ebert-Lasher
Crystal Kemper

Mariah Hill 4-H Club
Dionne Hanselman
Michelle Dilger
Brian Pund

Richland West
April Defur
Kelly Kuchenbrod

Embers Homeschool 4-H Club
Courtney Shover
Jenna Halder
Kelly Bratcher

Spencer Co Junior Leaders
Jodi Fetter
Tammy Keller

Trailblazers Horse & Pony Club
Morgan Hale
Scott & Christine Broster

CHARTER 4-H CLUBS

All 4-H Clubs in Spencer County may try to achieve the standards set up for a Charter Club.   The Secretary's handbook and Leader's Charter Club checklist should be turned in to the Extension Office following the 4-H Fair. Clubs meeting ALL the standards for Charter Club will receive $300, clubs meeting 15 standards will receive $75; those meeting 14 standards will receive $50.

1. Have one or more active Junior Leaders.

2. Leaders should attend at least one adult leader meeting/training session.

3. Participate in the county 4-H Speech and Demonstration Contest and/or Share the Fun Contest – minimum of one participant from your club.

4. Hold at least 10 regular club meetings.

5. Each club member must present a demonstration on one of his/her current 4-H projects.

6. Have 90% completion of members.

7. Have an average attendance of 60% at all regular club meetings.

8. Have a lesson on health and safety OR music and recreation at each meeting.

9. Take part in a community service project.

10. 20% of club membership must participate in one fair clean-up session:

    a.   either pre-fair clean-up day (before the 4-H Fair) or post fair clean-up (morning after the 4-H Fair ends)

11. Your club must have a booth at the 4-H Fair or a representative from club must co-chair a scheduled 4-H Fair event.

12. Your 4-H Club assists with trash duty for half a day during fair week.

13. Your 4-H club donates $25 or more to the Indiana 4-H Foundation.
    Please make your check payable to the Indiana 4-H Foundation, and return check to Extension Office so a record is kept of your donation.

14. At least 10% of club's members should attend 4-H Camp**.**

15. Your 4-H clubs must send representatives to assist with county 4-H fundraisers— these events benefit the entire 4-H program and all the members of Spencer County 4-H.

16. Your club must have at least one member apply for a 4-H trip. (excludes the Southern Indiana Power-Washington D.C. trip)

2025 – 2026 4-H Exhibit Guideline Revisions

All revisions will be highlighted in the description of each project. Please reach out to the Extension Office or Club Leader if you have questions.

Aerospace

Animal Education

ATV Safety & Operator Skills

Beekeeping

Bicycle

Child Development

Computer Science

Electric

Entomology

Floriculture

Foods, Baked & Preserved

Forestry

Garden

Geology

Health

Home Environment

Lawn & Garden Tractor Safety & Operator Skills

Leadership

Photography

Shooting Sports

Small Engine

Soil & Water Science

Sportfishing

Tractor Safety & Operator Skills

Veterinary Science

Weather & Climate Science

Wildlife

Woodworking

Zero Turn Mower Safety & Operator Skills
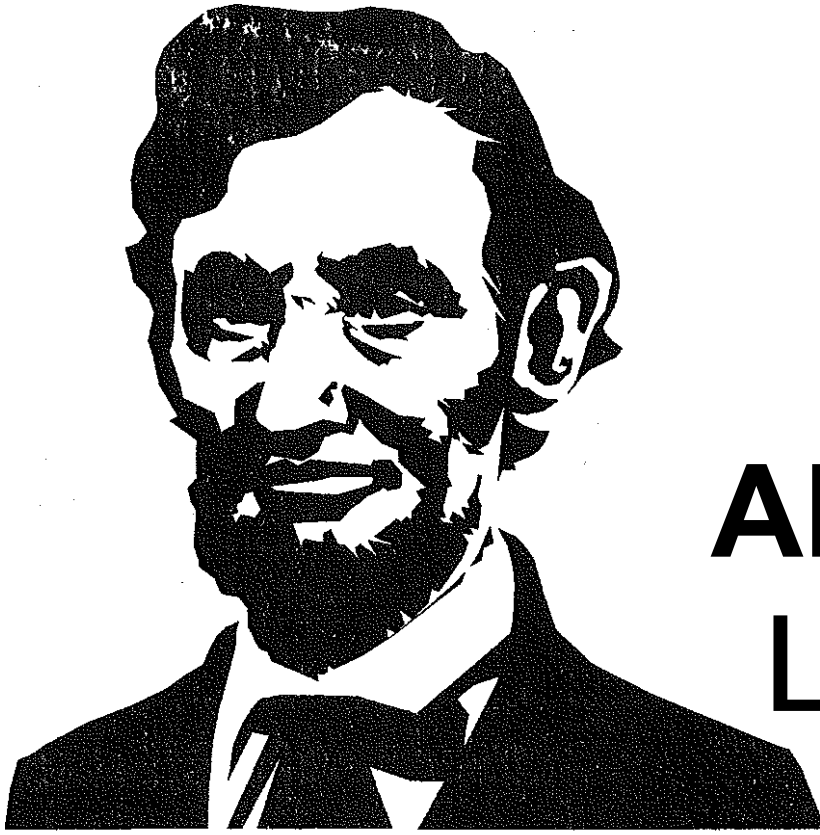
Abraham Lincoln

"There I Grew Up"

An Indiana 4-H Project
commemorating
the bicentennial
of the birth of
Abraham Lincoln

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"There I Grew Up"
Abraham Lincoln

"We reached our new home about the time the State came into the Union," wrote Abraham Lincoln .in describing his moye to Indiana in 1816. His father "removed from Kentucky to what is now Spencer County, Indiana, in my eighth year. It was a wild region, with many bears and other wild animals still in the woods. **There I grew up."**

1. Roy P. Basler, editor, *Collected Works of Abraham Lincoln, Letter from Abraham Lincoln to Schuyler Colfax,* July 6, 1859, Volume 111, p. 390-391.

Abraham Lincoln's formative years (ages 7-21)
were spent in Indiana from 1816-1830.

It is our sincere desire for 4-H members
to explore the great life
of one of Indiana's most notable residents.

4-H Project curriculum authors,
Marcia Werne and Kendall Martin

Abraham Lincoln Bicentennial 4-H Project

General Guidelines
Any 4-H member regardless of grade level may complete a fair exhibit from **any** of the activities listed.

Members are encouraged to follow personal interests and modify projects to make them age appropriate.

Each project exhibit *must* include some sort of documentation and support material such as notebooks, journals, scrapbooks, etc. This documentation may be presented in any combination of written form, photographs, oral recorded form, and/or recorded musical form on video or audio tape.

Projects will be judged by the following grade levels:
Mini 4-H / Exploring 4-H: Grades K-2 Level
A: Grades 3-5
Level B: Grades 6-8
Level C: Grades 9 and above
A Champion and Reserve Champion will be awarded in each level
A Grand and Reserve Grand Champion will be awarded to the top two overall projects.
    (Exception: Mini 4-H l Exploring 4-H are not considered for champion or above.)

Suggested Exhibits:
(Members may do as many activities as they wish, but, must complete an exhibitfor the fair from only **2!!!** activity listed below.)

1. Rail-Splitter's Homestead: Build a model of a log cabin or create a replica of the Lincoln Homestead. Be creative when selecting building materials for cabins, fences, barns, etc. Remember Lincoln had a nick-name "rail-splitter". Members may also choose to paint or draw a scene depicting a pioneer homestead.

2. Gee, Haw, Whimmy Diddle: Make a toy that would be like a toy from the Lincoln era. Toys like Jacob's Ladder, Jacks, Jumping Jims, Checkers, Whimmy Diddles, Button and string "Buzz Saws", Cup and Ball and other handmade toys were popular during this time period.

3. Fourscore and Seven Years Ago: Explore one of Lincoln's speeches. Interpret what he meant, explore the historical significance and the political climate in which the speech was first presented. Explain why the speech is an important part of our history. Perhaps some members would like to memorize and record one of Lincoln's speeches on video or audio.

4. The Lands of Lincoln: Discover the geographical impact Lincoln made. Pay close attention and highlight those that relate to Lincoln's time in Indiana. Maybe members can plan a trip to visit the Lincoln Boyhood Home National Historical Site or Lincoln State Park. Perhaps members might want to hunt for other sites visited by Lincoln. Members who like to take photographs may choose to make a collage of actual Lincoln historical sites.

5. Tailor **Made:** Research clothing, shoes, hats and accessories made and worn in Lincoln's time period. Members may choose to design an outfit and explain the occasion, event or work for which it was designed. These items may be displayed on dolls, mannequins or dress forms, etc. Members may also choose to create a clothing item that may be modeled in the county style show.

6. Honest Abe: Lincoln exhibited outstanding personal character traits. One of those characteristics earned him the nickname "Honest Abe". Members could explore the personal traits he developed that contributed to his success and Presidency.   Some exhibit ideas could be: a poster explaining those traits, a character summary in essay form or a research project that explores his popularity and rise to prominence among the citizens of the United States.

7. Tools Made Life Better: Pioneer life required many tools for daily survival. The majority of these tools were handmade for specific purposes. Members could explore the tools that interest them. Members might choose to make a poster or photo collection of such tools or perhaps make a reproduction(s) and explain its intended use(s). Avoid potentially harmful tools (such as an ax with a real head). Make a safe reproduction of the tool from wood or other materials.

8. Homespun Charm: Pioneer families often used folk crafts as recreation and gift-giving. Members could enjoy making similar folk crafts to exhibit. Such crafts might include (but, are not limited to): patchwork quilting, embroidery samplers, doll-making, weaving, knitting, whittling, etc.

9. Settler Cooking: Pioneer homesteads produced much of their own food. Members might try churning butter, baking homemade bread or cornbread, or cooking homegrown vegetables, etc. Food exhibit items should include recipes that would use ingredients that pioneer families would have available to them. Members might choose to prepare a meal for their family that would resemble a pioneer family meal. Photos of the event could show family enjoying the meal in pioneer family costumes. Perhaps other members may be interested in food preservation techniques then and now and explain how they are the same or how they differ.

10. From Here to There: Transportation was not an easy task for settlers. Members might explore which modes of transportation were used in Lincoln's day. A poster displaying the types or transportation or a model of a locomotive train, carriage, wagon or ferry would be some ideas for members to try.

11. Not All Fun and Games: Pioneer families often played games which allowed them to have fun, but, also helped them be prepared for the demands of their survival. Wrestling, foot races, climbing trees, jumping rope, etc. would have been fun, yet strengthen their bodies at the same time. How might people of today use this method to be healthier?

12. Book Learning By Candlelight: Lincoln loved education and was an avid book reader. Books played an important role in his education and development. Members might choose to read a book that would have been available during Lincoln's time and report on its contents and how it might have played a part in Lincoln's education. Other members might like to explore what a pioneer schoolhouse was like and how it is different and / or similar to schools today.

13. Myth Buster: Many myths and legends surround Abraham Lincoln. Members could explore popular conceptions/ misconceptions for historical accuracy. It could be fun and educational to collect short descriptions and play "myth buster" to determine which are true and which are not. Did Lincoln really receive a letter from a young girl that suggested he would look better with a beard? Did Austin Gollaher save him from drowning when he was a small boy?

14. Working for a Living: Pioneer families tended to live in communities that had the things they needed. It might be interesting to explore what careers and occupations were necessary during pioneer days. Which occupations performed vital services and products to early settlers? Which jobs did Lincoln have that helped him grow into adulthood?

15. For the History Buff: Topics such as the Civil War, The Emancipation Proclamation, Lincoln's Presidency, his duel with James Shields, the Lincoln-Douglas debates, his early political career, the contents of his pockets when he was assassinated and many other such topics would be great research projects or poster ideas. There are many biographies of Lincoln. Some members might like to read and summarize one such book.

16: Anything Lincoln: This category allows members to explore other Lincoln related topics that interest them. Some idea starters might be: storytelling, "The Parallel in History" connection and similarities between Abraham Lincoln and John F. Kennedy, burial sites of Lincoln family members, Genealogy of the Lincoln family, toy construction using pennies, Lincoln coin collection, etc.

Sample of Judge Score Sheet:

Judging Criteria	Excellent	Good	Fair	Needs Work
Relevance to Abraham Lincoln				
Historical Accuracy				
Educational Value				
Creativity / Interesting Presentation				
Completeness of Documentation				
Neatness / Project Mechanics				
Explanation of Project community judging conversation)				
Bonus: Highlights Lincoln in Indiana				

Judge Comments: _____

_____

Ribbon Placing _____

Some Abraham Lincoln Historic Sites

Birthplace

Abraham Lincoln Birthplace National Historic Site
2995 Lincoln Farm Road
Hodgenville, KY 4274.8
Phone: 270-358-3137
Fax: 270-358-3874

Boyhood

Knob Creek Farm: Hodgenville, Kentucky
You'll find this boyhood home of Abraham Lincoln in a beautiful setting several miles from his birthplace. When the Lincoln family lived here the road by the cabin was the main route from Louisville to Nashville.

The Lincolns moved to the property in 1811, attracted by the fertile land. The 230-acre farm featured a creek running through rich bottomland bordered by steep hills that resembled knobs. In an 1860 letter Lincoln said, "The place on Knob Creek ... I remember very well; but I was not born there..... My earliest recollection, however, is of the Knob Creek place."

Lincoln was two years old when his family arrived at Knob Creek. His sister Sarah was four, and his brother Thomas was born the following year (he died a few days later and was buried on the property). In 1860, Lincoln recalled that during their stay, "he and his sister were sent, for short periods, to ABC schools, the first kept by Zachariah Riney, and the second by Caleb Hazel." These were "blab" schools, where students learned by repeating their lessons aloud, over and over. Years later, Lincoln annoyed his law partner by reading the newspaper aloud in their office, but explained that he learned better by using two senses.

The Lincoln family moved from Knob Creek to Indiana in 1816 and their house was torn down in 1870. The cabin was reconstructed on the original site in 1931, possibly including logs from Austin Gollaher's home (Lincoln's schoolmate who rescued him from drowning in the creek). Some of the furnishings are period antiques donated by descendants of early settlers.

This historic site is open daily from April through October. The National Park Service took over the property from a private owner late in 2001. For more information call 270/358-3137 or write: Lincoln's Boyhood Home, 7120 Bardstown Road, Hodgenville, Kentucky 42748.

Lincoln Boyhood National Memorial: Lincoln City, Indiana
Lincoln Boyhood National Memorial preserves the site of the farm where Abraham Lincoln spent 14 formative years of his life, from the ages of 7 to 21. He and his family moved to Indiana in 1816 and stayed until 1830 when they moved on to Illinois.

This splendid National Park is the site where Abraham Lincoln grew up. Here you can learn about the lives of Abraham Lincoln and his family, who lived here in a pioneer community from 1816 to1830.

Visitor Center: The Memorial Visitor Center features two Memorial Halls, a museum with a variety of exhibits and a 15-minute orientation film entitled Forging Greatness - Lincoln in Indiana. Books, postcards and other educational materials are offered for sale in the bookstore.

Walking Tour: Take a peaceful walk up the wooded Lincoln Boyhood Trail to the gravesite of Abraham Lincoln's mother, Nancy Hanks Lincoln, and to the Cabin Site Memorial.

Living History: The Lincoln Living Historical Farm is a working pioneer homestead with a cabin, outbuildings, split rail fences, animals, gardens, and field crops. Rangers in period clothing perform a variety of activities typical of the 1820s. Grounds are open year-round. The farm is staffed from mid-April through September. Located on Highway 162 across from Lincoln State Park in Lincoln City.

Lincoln State *Park, Lincoln City, IN*
Lincoln State Park is located among the rolling hills and shady forests of Southern Indiana in Lincoln City. This is the area where Abraham Lincoln grew up as a boy.

Boating is permitted with electric trolling motors only and a boat launch ramp is available. Visitors may rent canoes, paddleboats and rowboats. Fishing, hiking, picnicking, and swimming are forms of recreation the park offers. Other park features include a beach, a nature center, seasonal naturalist services, and various cultural arts programs.

Campers may stay at one of the 150 class A camping sites or at one of the 120 Class C camping sites. Class A sites feature electrical hookups, picnic tables, fire rings, parking spurs, restrooms, showers, and drinking water supplies. Class C sites offer pit toilets, picnic tables, fire rings, parking spurs, and drinking water supplies. Campers may access a general store and dumping station as well. There are also 10 family cabins available for overnight guests.

The Lincoln Boyhood National Monument is adjacent to the park and features a Memorial Visitor Center with museum, a working pioneer farm, the Lincoln cabin site, gravesite of Lincoln's mother, and the historic Trail of Twelve Stones. The working pioneer farm is open May 1st through September 3oth and the Trail of Twelve Stones is open daily except for Thanksgiving, Christmas and New Year's Day.

Later in Life

Lincoln spent his early adulthood in the village of New Salem, Illinois. It is located outside of Petersburg about 19 miles northwest of Springfield. Here, he held a number of different jobs including storekeeper, postmaster, politician, surveyor, and general handyman. He studied law and left New Salem to become a lawyer in Springfield on April 15, 1837. Visitors can see his grocery store and all of the rebuilt structures that existed when Lincoln walked the streets of New Salem.

The Old State Capitol is localed in downtown Springfield. It was built in 1839 and served as the hub of state government until 1876 when the current State House was completed. Lincoln used the law library, argued cases before the Supreme Court, gave his famous "House Divided" speech in the Hall of Representatives, and used the Governor's reception area for several months as president-elect. After his assassination, Lincoln's body lay in stale in the Hall of Representatives.

The Lincoln-Herndon Law Office contains several offices Lincoln rented with partners Stephen Trigg Logan and later, William Henry Herndon. This building also contains rooms that served as the Federal Court and the Springfield post office. The Lincoln boys enjoyed visiting their father's office. They would throw books about, turn over ink bottles, and chase each other around the rooms.

The Executive Mansion was built in 1855. A year later, William Bissell, a friend of Abraham Lincoln and the first Republican governor, moved into the building. Lincoln was a frequent visitor and attended a number of parties in this building.

The Lincoln Home was purchased in 1844 by Abraham and Mary Lincoln. Most of the decisions concerning the operation and decorating of this building were made by Mary Lincoln. Abraham Lincoln spent a great deal of time away from home attending to his legal practice and political career.

The Great Western Station is where Lincoln left Springfield on his way to Washington, D.C. to become President. He gave his famous "Farewell Address" from the platform of the train.

The Lincoln Tomb is where the Lincoln family is buried. President Lincoln's body was placed in a temporary tomb until enough money could be raised to complete the Lincoln Tomb in 1874. Robbers tried to steal his body in 1876 but were unsuccessful.

Some Helpful Resources

Some *Suggested Websites*

http://www.nps.gov/libo

http://www.nps.gov/state/in

http://showcase.netins.net/web/creative/lincoln.html

http://www.lookingforlincoln.com

http://showcase.netins.net/web/creative/lincoln/sites/sites.htm

http:iiwwvv.abrahamlincolnsclassioom.org/Ubrary/newsletter.asp

Some *Suggested Books*

Davenport, Don. In Lincoln's Footsteps: A Historical Guide to the Lincoln Sites in Illinois, Indiana, and Kentucky. Revised edition, Trails Books, 2002.

Gary, Ralph. Following in Lincoln's Footsteps: A Historical Reference to Hundreds of Sites Visited by Abraham Lincoln. Carroll & Graf, 2001.

Project Title: Aerospace

Description:

The 4-H aerospace program provides youth with educational information and experiences about aerodynamics, flight and rocketry.

State Fair Entries:

3 rockets, drones, remote control aircraft, posters, notebooks or display boards per county; one per level.

Exhibit Guidelines:

Artificial Intelligence (AI) may be used, with parent permission, when creating this exhibit and is to be documented as a reference. A majority of the work to create this exhibit is to be the 4-H member's original work. 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 way references are listed.

Posters are to be 22"x28" and displayed horizontally and placed in a clear plastic sleeve or covered with clear plastic to protect contents. The poster must be mounted on a firm backing to add stiffness to the exhibit, for example: a foam core board. Display boards should be designed to sit on a table using no more than 36" of tabletop space. Space should be left in the lower right hand corner to place an exhibit tag provided by Purdue Extension staff.

Judges evaluating exhibits should recognize individual differences and creativity, therefore using information in this document as a guide rather than a requirement.

"Ready to Fly" and E2X rockets are not permitted. 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. Remote control aircraft or drones may be constructed from a kit or purchased ready-to-fly. The power source (rocket engine, battery pack, etc.) is to be removed before being placed in public exhibition.

Rockets will not be launched and remote control aircraft or drones will not be flown at state fair. Launching rockets and flying aircraft or drones at the county level is optional based on adult supervision experience.

Exhibit Class Guidelines:

Beginner (grades 3-5 suggested)

Construct a rocket of your choice designed for a new model rocket enthusiast with a difficulty level that is appropriate for the suggested grade level, or a poster or display board on any topic in the manual. Similar topics not included in the manual are permissible. Rockets cannot be ready-to-fly (RTF) or have plastic fins. 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. Other topics could include how a quadcopter operates, controls used to fly a quadcopter, UAV regulations administered by Federal Aviation Administration, commercial and emergency uses of UAVs, and more.

Intermediate (grades 6-8 suggested)

Construct a rocket of your choice designed for a model rocket enthusiast with some experience and with a difficulty level that is appropriate for the suggested grade level, or a poster or display board on any topic in the manual. Similar topics not included in the manual are permissible. Rockets cannot be ready-to-fly (RTF) or have plastic fins. 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. Other topics could include interviewing a certified UAV pilot who works in law enforcement, EMS, fire, Purdue Extension, commercial or other application. Other options could include creating a flight plan or interfacing with other computer software

Advanced (grades 9-12 suggested)

Construct a rocket of your choice designed for an experienced model rocket enthusiast and with a difficulty level that is appropriate for the suggested grade level, or a poster or display board on any topic in the manual. Similar topics not included in the manual are permissible. Rockets cannot be ready-to-fly (RTF) or have plastic fins. Cluster engine rockets and rockets that take an engine G 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. Other topics could include using "stitching" software to produce an orthomosaic map for a research purpose, identifying Department of Transportation Aeronautical Chart features and explain how these are important to a drone pilot, how to obtain a drone pilot license, or more. If 16 years of age or older the member could obtain a license by completing and passing the official FAA Part 107 UAV licensing test.

Project Title: Animal Education

Description:

Youth can learn about livestock and companion animals through a variety of experiences.

State Fair Entries:

1 Beef entry per county.

3 Cat entries per county; one per level.

1 Dairy Cattle entry per county.

3 Dog entries per county; one per level.

1 Goat entry per county.

1 Horse entry per county.

3 Llama entries per county; one per level.

3 Poultry entries per county; one per level.

3 Rabbit entries per county; one per level.

1 Sheep entry per county.

1 Swine entry per county.

Exhibit Guidelines:

Owning or showing an animal is not required. Members enrolled in any 4-H animal or livestock project can exhibit in this project and are to contact their county 4-H educator to learn if they are to also be enrolled in animal education.
Artificial Intelligence (AI) may be used, with parent permission, when creating this exhibit and is to be documented as a reference. A majority of the work to create this exhibit is to be the 4-H member's original work. 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 way references are listed.

Posters are to be 22"x28" and displayed horizontally and placed in a clear plastic sleeve or covered with clear plastic to protect contents. The poster must be mounted on a firm backing to add stiffness to the exhibit, for example: a foam core board. Display boards should be designed to sit on a table using no more than 36" of tabletop space. Space should be left in the lower right hand corner to place an exhibit tag provided by Purdue Extension staff.

Judges evaluating exhibits should recognize individual differences and creativity, therefore using information in this document as a guide rather than a requirement.

Exhibit Class Guidelines:

Beginner (grades 3-5 suggested)

Create an educational poster, notebook or display about any manual activity or on any specie related topic of choice that is age/grade appropriate. Check with the Purdue Extension office in your county to determine if enrollment is required in the species project you want to learn about. Owning or possessing an animal is not required.

Intermediate (grades 6-8 suggested)

Create an educational poster, notebook or display about any manual activity or on any specie related topic of choice that is age/grade appropriate. Check with the Purdue Extension office in your county to determine if enrollment is required in the species project you want to learn about. Owning or possessing an animal is not required.

Advanced (grades 9-12 suggested)

Create an educational poster, notebook or display about any manual activity or on any specie related topic of choice that is age/grade appropriate. Check with the Purdue Extension office in your county to determine if enrollment is required in the species project you want to learn about. Owning or possessing an animal is not required.

Project Title: ATV Safety and Operator Skills

Description:

The ATV safety and operator skills project provides an opportunity for youth to learn safe riding habits and vehicle maintenance.

State Fair Entries:

3 posters, notebooks or display boards per county.

Exhibit Guidelines:

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Judges evaluating exhibits should recognize individual differences and creativity, therefore using information in this document as a guide rather than a requirement.

Exhibit Class Guidelines:

Beginner (grades 3-5 suggested)

Create an age/grade appropriate poster, notebook or display about ATV safety or maintenance.

Intermediate (grades 6-8 suggested)

Create an age/grade appropriate poster, notebook or display about ATV safety or maintenance.

Advanced (grades 9-12 suggested)

Create an age/grade appropriate poster, notebook or display about ATV safety or maintenance.

Riding Skills Option (grades 3-12)

An optional group ride and riding skills obstacle course is available at the county level if supervised by a certified ATV safety adult volunteer.

Project Title: Arts and Crafts

Description:

Allows youth to learn life skills and grow in project knowledge while expressing creativity in a variety of mediums.

State Fair Entries:

5 entries per county as determined by the county 4-H educator and fair officials.

Exhibit Guidelines:

Youth may exhibit any art or craft that does not meet exhibit requirements in Fine Arts, Needle Craft, Model Craft or Construction and Architectural Replica.

Exhibitors should be considerate of space. Exhibits too large to safely move or requiring lots of space should be exhibited using photographs and a description of work in a notebook.

All arts and craft exhibits must include a 4-H Craft Information Card, 4-H 618A. This information card is to describe work completed so the judge can more accurately evaluate the exhibit. Craft information cards are for judging purposes only and will not be returned to the exhibitor.

If multiple pieces make up the exhibit, a photograph of the complete exhibit should be attached to the exhibit so the total exhibit can properly be displayed. For safety purposes any craft exhibit that resembles a sword, knife, or look-a-like weapon will be judged but will not be displayed.

Judges evaluating exhibits should recognize individual differences and creativity, therefore using information in this document as a guide rather than a requirement.

Exhibit Class Guidelines:

Beginner (grades 3-5 suggested)

Create and exhibit one age/grade appropriate artwork.

Intermediate (grades 6-8 suggested)

Create and exhibit one age/grade appropriate artwork.

Advanced (grades 9-12 suggested)

Create and exhibit one age/grade appropriate artwork.

Project Title: Barbecue

Description: For all levels the 4-H Barbecue Project member will select one type of meat (enough to feed four people) and barbecue at the time specified in the 4-H Fair schedule. _Complete food item should be plated attractively when presented for judging. The project will be judged on the basis of food quality and plating only._

State Fair Entries: Not a State Fair Project

Exhibit Guidelines:

Judges evaluating exhibits should recognize individual differences and creativity, therefore using information in this document as a guide rather than a requirement.

Exhibit Class Guidelines:

Beginner (grades 3-5 suggested)

1. Barbecue at least two (2) times for the family.
2. Compete in county barbecue contest at the 4-H Fair

Intermediate (grades 6-8 suggested)

1. Barbecue at lease three (3) times for the family.
2. Compete in county barbecue contest at the 4-H Fair.

Advanced (grades 9-12 suggested)

1. Barbecue at least four times.
2. Demonstrate barbecuing to your 4-H club or to some other group of 10 or more individuals.
3. Assist with a barbecue for 100 or more persons, i.e., Lions Club, Fire Department, Jaycees, etc.
4. Compete in county barbecue at the 4-H Fair.

Project Title: Beekeeping

Description:

This project will help youth learn beekeeping, the types of bees, the honey and wax they produce, the plants that attract bees, and the equipment a beekeeper needs.

State Fair Entries:

1 educational exhibit per county.

1 honey exhibit per member, unlimited number of county entries.

Exhibit Guidelines:

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Judges evaluating exhibits should recognize individual differences and creativity, therefore using information in this document as a guide rather than a requirement.

Special Notes:

- There are no age/grade specifications for beekeeping exhibits. No bee hives may be brought to the 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.

Exhibit Class Guidelines:

Educational Poster or Display (grades 3-12)

Create an educational poster, notebook or display about any manual activity or on any beekeeping topic of choice that is age/grade appropriate. Youth can also design and complete an independent study activity.

Extracted Honey (grades 3-12)

Exhibit 2 one-pound jars, shown in glass or clear plastic, screw-top jars holding 1 pound of honey each. Each container is to have the 4-H member's name and county written using permanent marker.

Chunk Honey (grades 3-12)

Exhibit 2 one-pound jars (wide-mouth glass or clear plastic) with a comb in each jar. Each container is to have the 4-H member's name and county written using permanent marker.

Cut-comb Honey (grades 3-12)

Exhibit 2 one-pound boxes. Boxes are usually 4 1/2" x 4 ½" in size. Each box is to have the 4-H member's name and country written using permanent marker.

Two Honey Product

Exhibit 4 containers total of two different honey products using extracted honey, chunk honey or cut-comb honey as described in each product above.

Project Title: Bicycle

Description:

The 4-H bicycle project teaches safe riding habits.

State Fair Entries:

No state fair entries.

Exhibit Guidelines:

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Judges evaluating exhibits should recognize individual differences and creativity, therefore using information in this document as a guide rather than a requirement.

Exhibit Class Guidelines:
Educational Exhibits
Beginner (grades 3-5 suggested)

Create an educational poster, notebook or display about a bicycle topic of choice that is age/grade appropriate.

Intermediate (grades 6-8 suggested)

Create an educational poster, notebook or display about a bicycle topic of choice that is age/grade appropriate.

Advanced (grades 9-12 suggested)

Create an educational poster, notebook or display about a bicycle topic of choice that is age/grade appropriate.

Riding Skills Option (grades 3-12)

Some county 4-H programs offer group rides and/or an obstacle course to develop safe riding habits and skills. Check with your county 4-H educator to learn more.

Beef Cattle:

Description:

YQCA certification is required for all members in order to show at the fair.

All beef animals, except feeder calves, should be in member's possession by **February 1**

Beef members must send cattle to be tagged on county date and complete/turn in the state enrollment form to participate in the beef project and exhibit beef animals at the 4-H Fair.

State Fair Entries:

All county age requirements for the heifer project are in direct reflection of state guidelines outlined on the back of your enrollment sheet.

Indiana State Fair – To participate 4-H member must complete IN 4-H Beef Cattle & Dairy Steer enrollment form and follow instructions by required dates on form.

See also livestock regulations, in the front of this handbook.

Exhibit Guidelines:

NO health certificates will be needed for 4-H animals; but premise id numbers are required. **NOTE:** You will learn more about this project if you work with someone else. Choose an adult leader, project leader, family member, or friend who can talk about ideas with you, watch your demonstrations, and make learning more fun.

Beginning - Level 1 BITE INTO BEEF   (Grades 3 - 5)
--Complete at least seven (7) activities (including those required) in the Level 1 manual of the Beef Achievement Program each project year. When at least 21 of the activities are completed within three years and you have reached grade 6, you advance to Level 2.
--Participate in a minimum of three of the learning experiences listed on the Planning Guide, page 3, each year.
Intermediate - Level 2   ON THE MOOOVE (Grades 6 - 8)
--Complete at least seven (7) activities (including those required) in the Level 2 manual of the Beef Achievement Program each project year. When at least 21 of the activities are completed within three years and you have reached grade 9, you advance to Level 3.
--Participate in a minimum of five of the learning experiences listed on the Planning Guide, page 3, each year.
Advanced - Level 3   LEADING THE CHARGE   (Grades 9-12)
--Complete at least seven (7) activities (including those required) in the Level 3 manual of the Beef Achievement Program each project year. At least 21 of the activities must be completed within three years.
--Participate in a minimum of five of the learning experiences listed on the Planning Guide, page 3, each year.

Exhibit Requirements:

To complete the project members must either exhibit an animal, make a poster, or an action demonstration.

All members, regardless of level, must turn in manuals reflecting activities completed. All beef manuals are to be turned in at the fair when you check in your animal. Members who do not turn in a completed manual may not exhibit at the fair.

Classes:

Beef Market - for steers, spayed or freemartin heifers. Divided by breeds and weight. Scales on grounds. Sire & Dam of same breed will determine breed classifications. Cattle shown in market classes that do not weigh at least 950 pounds will receive a red ribbon.

Beef Market Heifers – Heifers to be judged like the market steer classes. These heifers will be judged on being finished, soundness and cut ability. Heifers shown in this class will not be show against steers for grand champion and cannot be shown in the breeding heifer class.

Beef Breeding Heifers - Divided by breeds and age classification.

For members showing a heifer in a particular breed – the animal must be registered with a National Breed Association in that breed <u>and</u> the member's name must appear on the registration papers along with one or more parents, siblings, aunts, uncles, grandparents or legal guardians. Registration papers must be attached to the cattle enrollment form and both submitted before the published enrollment deadline. Heifers without appropriate registration papers will be shown in the commercial heifer class.

Senior Yearling Heifer Class- Calved between September 1 to December 31, two years prior to 4-H Fair.

Junior Yearling Heifer Class- Calved between January 1 to April 30, the year prior to 4-H Fair.

Summer Yearling Heifer Class- Calved between May 1 to August 31, the year prior to 4-H Fair.

Senior Calf Class Calved between September 1 to December 31, the year prior to 4-H Fair.

Cow/Calf- Calf must be born the same year as the show. Cow must have previously been shown as a 4-H project heifer at the Spencer County 4-H Fair. The cow must be a first calf heifer which was shown as a breeding heifer in one of the two previous years. The calf is also eligible to show in the starter calf class.

Starter Calf Class- Must be born January 1 of current year. Will be shown on structure, soundness, and fee ability.

Feeder Calf Class- Any beef animal from 100 to 650 lbs. Must be born in September 1 thru December 31 of prior year of show. Will be shown on structure, soundness and feed ability.

Rate of Gain Contest - 4-H members must have steers weighed the day cattle are tagged. Award goes to steer with best rate per day of gain. **To be eligible for rate of gain your steer must weigh 950 lbs. or more at fair.**

Champion Female Production Contest - Cow with calf that has best weight per day of age wins this contest. Cows do not vie for supreme heifer champion class.

Members with animal exhibits MUST feed, water, bed, and care for their exhibit. Pens, stalls and exhibit area will be inspected daily.

No animal that has knowingly been tranquilized will be eligible to be used in a showmanship contest.

Some livestock medication, such as tranquilizers and antibiotics, has a withdrawal period of so many days before slaughter. Any loss of sale of meat from a contaminated animal will be borne by the 4-H member and his/her parents.

*Animals going through the auction may be sent to market, sold to an individual, or may be taken home. If the animal is taken home, the 4-H exhibitor retains ownership of the animal but may not show it at any other 4-H Fairs in the current calendar year. Any animal going through auction MAY NOT show at the Indiana State Fair 4-H Shows.

During the 4-H Fair Beef Show, for safety reasons, only the 4-H exhibitors, people helping the exhibitors, and those helping with the show are allowed to be in the Beef barn.

All 4-H members having an animal in the livestock auction will be charged a $20 fee to help pay for livestock buyers' meal and thank you ads**.** Members must register for the auction with the superintendent of the species you would like to sell by the deadline the day of the auction. If the deadline is missed, the member will not participate in the auction.

Project Title: Cake Decorating

Description:

The cake decorating project allows youth to utilize their artistic ability and expressions as they learn decorating techniques and skills. Anyone wanting to learn baking skills should refer to the 4-H foods project.

State Fair Entries:

3 entries per county; one per level.

Exhibit Guidelines:

The cake decorating project 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. Skills sheets are for judging purposes only and will not be returned to the exhibitor.

Judges evaluating exhibits should recognize individual differences and creativity, therefore using information in this document as a guide rather than a requirement.

Exhibit Class Guidelines:

Beginner (grades 3-5 suggested)

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. Cakes must be on a cake board strong enough to support the cake (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".

Intermediate (grades 6-8 suggested)

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. Cakes must be on a cake board strong enough to support the cake (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".

Advanced (grades 9-12 suggested)

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. Cakes must be on a cake board strong enough to support the cake (approximately ½" 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".

Cat:

Description:

To complete the project: members must either exhibit an animal, make a poster, or complete an action demonstration.

State Fair Entries:

Exhibit Guidelines:

Beginning - Level 1   PURRR-FECT PALS   (Grades 3-5)

Complete at least 7 activities (including those required) in the Cat Project Activity Guide Level 1 manual each project year. When at least 20 of the activities are completed within three years, and you have reached grade 6, you are ready for Level 2.

Participate in a minimum of three (3) of the learning experiences listed on the Planning Guide, page 3, each year.

Intermediate - Level 2   CLIMBING UP! (Grades 6-8)

Complete at least 7 activities (including those required) in the Cat Project Activity Guide Level 2 manual each project year. When at least 20 of the activities are completed within three years, and you have reached grade 9, you are ready for Level 3.

Participate in a minimum of five (5) of the learning experiences listed on the Planning Guide, page 3, each year.

Advanced - Level 3   CAT CONNECTIONS (Grade 9 and above)

Complete at least 7 activities (including those required) in the Cat Project Activity Guide Level 3 manual each project. Complete at least 20 of the activities in the manual within three years.

Participate in a minimum of five (5) of the learning experiences listed on the Planning Guide, page 3, each year.

All members, regardless of level, must turn in manuals reflecting activities completed.

All cat manuals are to be turned in at the cat show to the project superintendent. Members who do not turn in completed manuals may no participate in the cat show at fair.

At each level, 4-H members may exhibit one or more cats in the cat show. Classes are as follows (one exhibit per class):

COMMON	PUREBRED
Kitten (4-8 months) short hair	Kitten (4-8 months) short hair
Kitten (4-8 months) long hair	Kitten (4-8 months) long hair
Adult short hair	Adult short hair
Adult long hair	Adult long hair

A showmanship/knowledge program is part of the 4-H Cat Show. Educational cat posters may also be exhibited. Talented trick competition may be offered but is not a State Fair class.

To be eligible to show, cat must be at least 4 months of age. Cats must have shots required by the Indiana State Board of Animal Health. Cats must also be tested negative and vaccinated for Feline Leukemia within one year of the fair in addition to previous vaccination requirements.

A   completed certificate of vaccination (4-H 777-W) must be brought to the Cat Show at the 4-H Fair. Cats should be brought to the fair in some type of carrier and be taken home following the show. Sick cats will be sent home at the discretion of the Cat judge.

Project Title: Chess

Description:

Compete in chess tournament at the 4-H Fair.

State Fair Entries: Not a State Fair Project

Exhibit Guidelines:

Attend regular club meetings.

Give a demonstration or talk about Chess

Complete record sheet

Must take another 4-H project before able to take this project.

Compete in chess tournament at the 4-H Fair.

Judges evaluating exhibits should recognize individual differences and creativity, therefore using information in this document as a guide rather than a requirement.

Exhibit Class Guidelines:

Competition will be scheduled according to the following groups:

Level A (grades 3-4 suggested)

Level B (grades 5-6 suggested)

Level C (grades 7, 8 and 9 suggested)

Level D (grades 10, 11 and above suggested)

Project Title: Child Development

Description:

Youth will learn about developmental stages of infants, toddlers and young children.

State Fair Entries:

4 entries per county; one per level.

Exhibit Guidelines:

Artificial Intelligence (AI) may be used, with parent permission, when creating this exhibit and is to be documented as a reference. A majority of the work to create this exhibit is to be the 4-H member's original work. 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 way references are listed.

Posters are to be 22"x28" and displayed horizontally and placed in a clear plastic sleeve or covered with clear plastic to protect contents. Display boards should be designed to sit on a table using no more than 36" of tabletop space. The Poster must be mounted on a firm backing to add stiffness to the exhibit, for example: a foam core board. Space should be left in the lower right hand corner to place an exhibit tag provided by Purdue Extension staff.

Activities may be designed to be displayed on the floor, but please be considerate of space availability. Each item is to be labeled with the 4-H member's name, county and club so fair staff can keep all components together if it needs to be moved after judging is complete.

Notebooks are to include the following:

- Identifications on the front showing 4-H member's name, county, club, grade and year in project.
- Title page naming the activity.
- Pages explaining how activity was developed and is to be used.
- Photographs showing how the activity was used along with assembly.
- Explanation of skills learned and any additional information to share with the reader.

Judges evaluating exhibits should recognize individual differences and creativity, therefore using information in this document as a guide rather than a requirement.

Exhibit Class Guidelines:

Level A (grades 3-4 suggested)

Exhibit a poster, display, or notebook about a manual activity. Other similar activities are permissible.

Level B (grades 5-6 suggested)

Exhibit a poster, display, or notebook about a manual activity. Other similar activities are permissible.

Level C (grades 7-9 suggested)

Exhibit a poster, display, or notebook about a manual activity. Other similar activities designed to help develop physical, emotional or cognitive skills are permissible.

Level D (grades 10-12 suggested)

Exhibit a poster, display, or notebook about a manual activity. Other similar activities designed to help develop physical, emotional or cognitive skills are permissible.

Project Title: 4-H Clogging

Description:

State Fair Entries: Not a State Fair project

Exhibit Guidelines:

The Clogging project is open to members of any age. May 1 is the deadline for signing up for the Clogging project; members will be too far behind if they start any later.

4-H members must take at lease one other project in addition to Clogging.

Judges evaluating exhibits should recognize individual differences and creativity, therefore using information in this document as a guide rather than a requirement.

Exhibit Class Guidelines:

Beginner (grades 3-5 suggested)

Learn and perform basic clogging steps

Intermediate (grades 6-8 suggested)

Continue to learn additional clogging steps and routines and perform them

Advanced (grades 9-12 suggested)

Perform a routine individually or with other members of their division

Project Title: Collections
Description:

Many people have a hobby of collecting all kinds of fascinating items. 4-H can help you start or continue a collection of items that is interesting to you. The choice is yours. You may choose any type of article you desire. The list below give some suggestions, but your choice is NOT limited to these.

Leaves	Glass	Antiques
Flowers (pressed)	Rocks	Dishes
Salt Shakers	Stamps	Bottles
Models	Coins	Dolls
Pitchers	Spoons	Buttons
Match Books	Cups and Saucers	Arrow Heads
Caps	Sport Cards	Pencils

State Fair Entries: Not a State Fair Project
Exhibit Guidelines:

In the 4-H Collection project you will:

1. Choose a suitable collection for your age and division in this project.
2. Select a place in your home to store and display your collection.
3. Show and explain your collections to at least two friends.
4. Exhibit part of your collection at the 4-H Fair:

Select a representative sample of your collection and exhibit it attractively and neatly in a box (not to exceed 18 inches x 24 inches) **OR** on a poster (22 inches x 28 inches) **OR** in a notebook. A representative sample would need to fit on or in the box, poster or notebook. Your total collection is not needed for the exhibit. ***Bring valuable collections to the 4-H Fair at your own risk!!***

Be sure to attach labels to the items you display explaining them to people who see your collection.

Example: Matchbook cover given to me by a friend of my father
Example: Rock shaped like an apple
Example: Button from my mother's wedding dress

No live items are acceptable.

Exhibit Class Guidelines:

Competition will be scheduled according to the following groups:

Level 1(grades 3-5 suggested)

Level 2 (grades 6-8 suggested)

Level 3 (grades 9-12 suggested)

Judge's Criteria of the 4-H Collection Project

The following are the points for you to consider when preparing your exhibit-for they are the same one the judge will discuss with you and use to decide the ribbon placings.

Explanation of collection	45 points
Historic/scientific value, etc.	40 points
Artistic arrangement for exhibit	15 points
Total	100 points

Project Title: Communications

Description: The communications project teaches verbal and non-verbal communication and presentation skills.

State Fair Entries:

Demonstration – 3 junior individuals, 3 senior individuals, 3 junior teams and 3 senior teams per county.

Informative 4-H Presentation – 3 junior individuals, 3 senior individuals.

Professional Persuasive Presentation – 3 junior, 3 senior, 3 junior teams and 3 senior teams per county per county.

Public Speaking – 3 junior and 3 senior per county.

Creative Writing – 3 exhibits per county, one per level.

Exhibit Guidelines:

Effective communications drives all aspects of day-to-day life. Youth are to learn about the process of communication, to learn about different modes of communication and to strengthen their own communication skills. As you explore the world of communication 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. Suggested activities to develop communication skills include:
• 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.

Judges evaluating exhibits should recognize individual differences and creativity, therefore using information in this document as a guide rather than a requirement.

Exhibit Class Guidelines:

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. The demonstration, informative presentation, professional persuasive presentation and public speaking are competitive events at Indiana State Fair.

The following apply to all state fair communication events:

- 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. Artificial Intelligence (AI) may be used, with parent permission, when creating this exhibit and is to be documented as a reference. A majority of the work to create this exhibit is to be the 4-H member's original work.
- 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 HDMI 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 at state fair.
- Live animals are not permitted at state fair.
- There is no interaction with the audience.
- Questions may be asked of the contestants by the judges following the presentation.
- Events that have a team category, it is for two (2) people and will be determined by the highest grade level of any member of that team. (Removed sentence about trip.)

The top three senior individuals, top junior individual, top senior team, and top junior team will be recognized in Indiana State Fair Celebration of Champions. 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.

Demonstration
- All 4-H members are encouraged to present a demonstration at their club or county level.
- 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.
- Junior members (grades 3-8) have 5-7 minutes to present their demonstration, while senior members (grades 9-12) will present their demonstration in 5-10 minutes.
- Categories will be Junior Individual, Senior Individual, Junior Team, and Senior Team.

Informative 4-H Presentation
- 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, 4-H Academy, 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.
- Junior members (grades 3-8) have 5-7 minutes to present their informative presentation, while senior members (grades 9-12) will present their informative presentation in 5-10 minutes.
- Categories will be Junior Individual and Senior Individual.
-

Professional Persuasive Presentation

- 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 two (2) 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.
- Junior members (grades 3-8) will present in 5-7 minutes and senior members (grades 9-12) will present their professional presentation in 5-10 minutes.
- Categories will be Junior Individual, Senior Individual, Junior Team and Senior Team.

Public Speaking

- This contest allows the 4-H member to give their prepared speech to an audience from a stage or stage-like setting.
- Props, signs, and PowerPoint presentations are not permitted.
- The topic can be of the 4-H member's choice.
- Junior members (grades 3-8) have 3-5 minutes to give their speech while senior members (grades 9-12) will give their speech in 5-7 minutes.
- Categories will be Junior Individual and Senior Individual.

Creative Writing

- This exhibit allows youth to express creativity while developing writing skills. Examples include a story, autobiography, biography, , journal entry, poetry, children's story, skit or play, fiction in verse, alternative history, song lyrics, movie script, creative nonfiction and more. Writing must be authored by the 4-H member and can be fiction or non-fiction.
- Exhibits are to be displayed in a notebook or binder appropriately labeled on the front with the title, 4-H member's name, grade in school, club and county. The notebook or binder is to include a title page and authored work. While most creative writing exhibits will not require research, a bibliography giving credit to sources is to be included with any research article.
- Work can be handwritten or typewritten.
- Illustrations or photos may be included to enhance the writing.
- Writing should not include excessive blood, gore, violence or sexual themes and must be appropriate for all ages to read.

Creative Writing Exhibit Class Guidelines:

Beginner (grades 3-5 suggested)
> Create and exhibit one age/grade appropriate item. While length or word count is not required, one-page or 250 words is appropriate for most beginners.

Intermediate (grades 6-8 suggested)
Create and exhibit one age/grade appropriate item. While length or word count is not required, two-page or 500 words is appropriate for most intermediate members.

Advanced (grades 9-12 suggested)
Create and exhibit one age/grade appropriate item. While length or word count is not required,

more than three pages or more than 750 words is appropriate for most advanced members.

Project Title: Computer Science

Description:

The 4-H computer science project is designed for youth to engage in an interactive project to learn all levels of familiarity with computers.

State Fair Entries:

3 per county; one per level.

Exhibit Guidelines:

There are three exhibit grade level divisions; Grades 3-5, Beginner; Grades 6-8, Intermediate; and 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 may choose to create an exhibit demonstrating skills learned during the year.

Artificial Intelligence (AI) may be used, with parent permission, when creating this exhibit and is to be documented as a reference. A majority of the work to create this exhibit is to be the 4-H member's original work. 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, screenshots showing the development and final project, etc. as the exhibitor will not be able to discuss their work with a judge. Poster and display board exhibits are permissible. Posters are to be 22"x28" and displayed horizontally and placed in a clear plastic sleeve or covered with clear plastic to protect contents. The Poster must be mounted on a firm backing to add stiffness to the exhibit, for example: a foam core board. Display boards should be designed to sit on a table using no more than 36" of tabletop space. & have a protective sleeve. Space should be left in the lower right hand corner to place an exhibit tag provided by Purdue Extension staff. 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:

- Programming, Block- and Text-based Programming
- Web Design and Computer Entrepreneurship
- Computer Forensics
- Hardware and Networking Design/Install/Repair
- Graphic Design Computer Art, 3-D Printing
- Robotics
- Videography

Software submitted to be reviewed by a judge 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.

Judges evaluating exhibits should recognize individual differences and creativity, therefore using information in this document as a guide rather than a requirement.

Exhibit Class Guidelines:

Programming, Block- and Text-based Programming:

Youth can submit programming projects in a language of their choosing. Some popular choices include, but are not limited to:

- Block-based: Scratch, Code Studio, Alice, etc.
- Text-based: Python, JavaScript, C/C++, C#, ASP.net, R, Go, Java, PHP, Perl, Ruby, etc.

Beginner – Grades 3-5 – Create a program using 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 program using 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
- Commenting
- Correct syntax
- Lists
- Functions
- Algorithms
- Modularization
- Lists
- Any other similar skill

Advanced Grades 9-12 – Create a program using 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
- Interact with databases

- Classes
- Objects
- Methods
- Inheritance
- Integrate multiple languages into one program
- Demonstrate utilization of a version control system
- Any other similar skill

Web Design and Computer Entrepreneurship

All Divisions: A notebook detailing your steps / process is highly recommended.

Beginner Web Design and Computer Entrepreneurship – Grades 3-5 - 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 Web Design and Computer Entrepreneurship – Grades 6-8 - 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 Web Design and Computer Entrepreneurship – Grades 9-12 - 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)

All Divisions: A notebook detailing your steps / process is highly recommended.

Beginner Computer Forensics – Grades 3-5 – 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 Computer Forensics – Grades 6-8 – 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 Computer Forensics – Grades 9-12 – 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

Computer Hardware and Networking Design/Install/Repair

All Divisions: A notebook detailing your steps / process is highly recommended.

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 ad 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

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. 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 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.

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 artistry. Youth may design and create their own work in totality or can use a pre-made template or design to create their own finished product, provided the majority of the created exhibit is completed by the 4-H member. The name of the software and version is to be included with the exhibit. Exhibits are to be age/grade appropriate. A notebook detailing your steps/process is highly recommended.

3-D Printing

Beginner (Grades 3-5)

• Youth can use premade designs with minor modifications. Youth should document the modifications, and cite any sources used for the project.

Intermediate (Grades 6-8)

• Youth can use premade designs with modifications. Youth should document the modifications, and cite any sources used for the project.

Advanced (Grades 9-12).

• Youth are to use a software program to create or design an item printed using a 3-D printer. Youth are encouraged to design and create their own work in totality.

• If youth use a pre-made template, modify enough so that the majority of the design is completed by the 4-H member. Youth must cite any sources used for the project.

All divisions should include:

o The name of the software and version

o Printer make and model

o Notebook detailing steps as well as the files you printed

o Exhibits are to be age/grade appropriate

Robotics

      Suggested exhibits include, but are not limited to, a notebook including a printout of code with requirements marked, a flowchart showing how the robot works, images of the robot being built and the final robot in action, a video, a live demonstration, or other applicable exhibits. A notebook detailing yours steps/process is highly recommended.

      Beginner – Grades 3-5

- Create a flowchart
- Build a robot
  - Use block- or text-based program to operate
    - Sequential programs

- Events at beginning
o Use at least one basic sensor
Model and demonstrate robot behaviors using a simulation environment (e.g. VEXcode VR [https://vr.vex.com])

Intermediate – Grades 6-8

- Create a flowchart with sub-routines
- Include at least two sensors in robot
- Use at least three events in code
- Create at least 2 loops in code
- Operation of robot should be smooth

Advanced – Grades 9-12 - Above guidelines plus:

- Use text-based language
- Use advanced logic including
    o Multiple (three or more) events
    o Multiple (three or more) loops
    o At least three sub routines
    o Special consideration if robot is not a kit

Videography
Suggested exhibits include A completed video project (e.g., documentary, commercial, short story, instructional, or innovation video are a few suggestions), A notebook or portfolio detailing the process, which should include:
• Planning steps
• Storyboarding
• Script
• Equipment/software used
• Editing steps
• Reference list (sources, interviews, websites, etc.)

Beginner (Grades 3-5)
• Create a flowchart of the video process
• Build a simple video project using basic editing tools
• Use block- or text-based programs for any automation or effects
• Demonstrate sequential planning and basic events (e.g., opening credits, transitions)
• Use at least one basic effect or technique (e.g., fade-in, title screen)

Intermediate (Grades 6-8)
• Create a flowchart with sub-routines (e.g., scenes, chapters)
• Include at least two advanced effects or editing techniques
• Use at least three events in the video (e.g., transitions, overlays, audio cues)
• Create at least two loops or repeated elements (e.g., recurring theme music)
• Ensure smooth operation and flow of the video

Advanced (Grades 9-12) - Above guidelines plus:

• Use text-based editing or scripting tools for advanced logic
• Incorporate multiple (three or more) events and loops
• Include at least three sub-routines (e.g., intro, body, conclusion)
• Special consideration for original work (not using templates or kits)

Additional Notes:
• All divisions should encourage creativity and originality.
• Exhibits must be age/grade appropriate.
• Judges should use these guidelines as a reference, not a strict requirement, and recognize individual differences and creativity.

Project Title: Consumer Clothing

Description:

This project is designed to teach clothing selection, wardrobe planning, care of clothing and personal grooming.

State Fair Entries:

3 Notebooks per county, no clothing; one per level.

Exhibit Guidelines:

Artificial Intelligence (AI) may be used, with parent permission, when creating this exhibit and is to be documented as a reference. A majority of the work to create this exhibit is to be the 4-H member's original work. 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 way references are listed.

The notebook is to include the following items and information:

• Outside front cover – 4-H member name, county, club and level.

• Photo of 4-H member wearing their purchased outfit.

• Narrative describing decision making process when purchasing this outfit and accessories, and how they complement your existing wardrobe.

• One page or section outlining each of the five manual activities completed. Information is to include a description of the activity, skills learned, challenges completing the activity and how you worked to overcome each challenge, problems that occurred and how that problem was solved, how this activity will help you later in life and any other information.

• Any additional information or documentation such as place of purchase, other vendors explored, how an adult mentor assisted and any other information. Receipts are not required, but if included be sure personally identifiable information such as mailing address, phone number, etc. are altered and not visible.

• The notebook exhibit is not to include prior year(s) information

Youth may choose to model their purchased outfit and accessories at the county level. Modeling at state fair is limited to only the advanced level and will be judged separate from the notebook.

Judges evaluating exhibits should recognize individual differences and creativity, therefore using information in this document as a guide rather than a requirement.

Exhibit Class Guidelines:

Beginner (grades 3-5 suggested)

Complete five activities in the manual and share your results or answers in a notebook using exhibit guidelines above, labeling each activity. With help from a parent or mentor, purchase and accessorize an outfit of your choice. Accessories may be purchased or selected from what you currently have.

Intermediate (grades 6-8 suggested)

Complete five activities in the manual and share your results or answers in a notebook using exhibit guidelines above, labeling each activity. With help from a parent or mentor, purchase and accessorize an outfit of your choice. Accessories may be purchased or selected from what you currently have.

Advanced (grades 9-12 suggested)

Complete five activities in the manual and share your results or answers in a notebook using exhibit guidelines above, labeling each activity. With help from a parent or mentor, purchase and accessorize an outfit of your choice. Accessories may be purchased or selected from what you currently have.

Project Title: Construction and Architectural Replica

Description:

Allows youth to learn life skills and grow in project knowledge while expressing creativity when designing replicas.

State Fair Entries:

1 entry per county as determined by the county 4-H educator and fair officials.

Exhibit Guidelines:

Exhibits can include farm scenes, town models, building replicas, or similar items and can be constructed from building blocks (Lego), erector sets, or other materials. The product should be constructed to scale as much as possible. Consider adding a clear cover to protect the exhibit while being displayed to the public. This exhibit can be no longer than a standard 8' long table. A county 4-H program may implememnt a smaller size limit if available facility space merits.

Exhibitors should be considerate of space. Exhibits too large to safely move or requiring lots of space should be exhibited using photographs and a description of work in a notebook.

All arts and craft exhibits must include a 4-H Craft Information Card, 4-H 618A. This information card is to describe work completed so the judge can more accurately evaluate the exhibit. Craft information cards are for judging purposes only and will not be returned to the exhibitor.

If an exhibitor is concerned about their creation being damaged while on display, they should consider constructing a clear plastic cover to encase the exhibit.

Judges evaluating exhibits should recognize individual differences and creativity, therefore using information in this document as a guide rather than a requirement.

Exhibit Class Guidelines:

Beginner (grades 3-5 suggested)

Create and exhibit one age/grade appropriate artistic scene or replica.

Intermediate (grades 6-8 suggested)

Create and exhibit one age/grade appropriate artistic scene or replica.

Advanced (grades 9-12 suggested)

Create and exhibit one age/grade appropriate artistic scene or replica.

Spencer County 4-H Create-a-Mix:

Description:

This project is designed to allow the use of a purchased box mix as one of the ingredients in a recipe. The finished project cannot be the result of making the product from the box instructions. The box mix has to be used with other ingredients to create a new product. You may create your own recipe or use suggestions from a box mix, cookbooks, etc.

State Fair Entries: none

Exhibit Guidelines:

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 way references are listed.

Posters are to be 22"x28" and displayed horizontally and placed in a clear plastic sleeve or covered with clear plastic to protect contents. Display boards should be designed to sit on a table using no more than 36" of tabletop space. Space should be left in the lower right hand corner to place an exhibit tag provided by Purdue Extension staff.

Judges evaluating exhibits should recognize individual differences and creativity, therefore using information in this document as a guide rather than a requirement.

Exhibit Class Guidelines:

Beginner (grades 3-5 suggested)

Using a mix, create your own six (6) baked cookies or six (6) baked brownies (non-perishable). Use at least two (2) other ingredients in addition to those called for in the mix. Start a recipe file box with at least three (3) different dated recipes on any size card. Each year you will add at least three (3) more dated recipes.

Intermediate (grades 6-8 suggested)

Using a mix, create a non-perishable product. Use at least two (2) other ingredients in addition to those called for in the mix. Start a recipe file box with at least three (3) recipes to the box from the previous year. Note: Originality and uniqueness of receipt will also be taken in consideration when judged in the advanced division.

Advanced (grades 9-12 suggested)

Using a mix, create a non-perishable product. Use at least two (2) other ingredients in additional to those called for in the mix. Start a recipe file box with at least three (3) dated recipes or add at least three (3) recipes to the box from the previous year. Note: Originality and uniqueness of recipe will also be taken into consideration when judged in the advanced division.

ALL DIVISIONS: **A recipe card should accompany each baked item exhibited. Underline the two (2) or more ingredients you added to the box instructions. Include brand name of the box mix used. You will also exhibit your recipe box.**

Dairy Cattle:

Description:

YQCA certification is required for all members in order to show at the fair.

All Dairy cattle possession date April 15.

To complete the project; member must either exhibit an animal, make a poster, or participate in an action demonstration

All members, regardless of level, must turn in manuals reflecting activities completed.

All Dairy manuals are to be turned in when you check your animals in at the fair. Members who do not turn in completed manuals may not exhibit at the fair.

State Fair Entries:

All county age requirements for the heifer project are in direct reflection of state guidelines outlined on the back of your enrollment sheet.

Indiana State Fair – To participate 4-H member must complete IN 4-H Beef Cattle & Dairy Steer enrollment form and follow instructions by required dates on form.

See also livestock regulations, in the front of this handbook.

Exhibit Guidelines:

NO health certificates will be needed for 4-H animals; but premise id numbers are required.

Beginning - Level 1   DIG INTO DAIRY   (Grades 3-5)

Complete at least seven (7) activities (including those required) in the Dairy Achievement Program Level 1 manual each project year. When at least 20 of the activities are completed within three years and you have reached grade 6, you are ready for the Level 2 manual.

Participate in a minimum of three (3) of the learning experiences listed on the Planning Guide, page 3, each year.

Intermediate - Level 2   MOOOVING AHEAD   (Grades 6-8)

Complete at least seven (7) activities (including those required) in the Dairy
Achievement Program Level 2 manual each project year. When at least 20 of the activities are completed within three years and you have reached grade 9, you are ready for the Level 3 manual.

Participate in a minimum of five (5) of the learning experiences listed on the Planning Guide,   page 3, each year.

Advanced - Level 3   LEADING THE WAY (Grades 9-12)

Complete at least seven (7) activities (including those required) in the Dairy Achievement Program Level 3 manual each project year. Complete at least 20 of the activities within three years.

Participate in a minimum of five (5) of the learning experiences listed on the Planning Guide,   page 3, each year. All members, regardless of level, must turn in manuals reflecting activities completed. All dairy cattle manuals are to be turned in at the fair when you check in your animal. Members who do not turn in a completed manual may not exhibit at the fair.

Classes:

At each level, 4-H members exhibit one of more animals in the following classes:
- Dairy Steer-steer of dairy breeds. Refer to Beef Cattle Project section
- Mature Cow Class- Born prior to 8/31 four years prior to 4-H Fair
- 3 Yr Old Cow- Born 9/1 four years prior- 8/31 three years prior to 4-H Fair
- 2 Yr Old Cow- Born 9/1 three years prior- 8/31 two years prior at 4-H Fair
- Senior Yearling Class- Born 9/1 two years prior-2/28 of prior years at 4-H Fair
- Junior Yearling Class- Born 3/1-5/31 of prior year at 4-H Fair
- Summer Jr. Yearling Class- Born 6/1-8/31 of prior year at 4-H Fair
- Senior Calf Class- Born 9/1-11/30 of prior year at 4-H Fair
- Fall Sr. Calf Class- Born 12/1 of prior year-2/29 of the year at 4-H Fair
- Junior Calf Class- Born 3/1 of the year at 4-H Fair (at least 4 months old)

Members with animal exhibits MUST feed, water, bed, and care for their exhibit. Pens, stalls and exhibit area will be inspected daily.

No animal that has knowingly been tranquilized will be eligible to be used in a showmanship contest.

Some livestock medication, such as tranquilizers and antibiotics, has a withdrawal period of so many days before slaughter. Any loss of sale of meat from a contaminated animal will be borne by the 4-H member and his/her parents.

*Animals going through the auction may be sent to market, sold to an individual, or may be taken home. If the animal is taken home, the 4-H exhibitor retains ownership of the animal but may not show it at any other 4-H Fairs in the current calendar year. Any animal going through auction MAY NOT show at the Indiana State Fair 4-H Shows.

During the 4-H Fair Beef Show, for safety reasons, only the 4-H exhibitors, people helping the exhibitors, and those helping with the show are allowed to be in the Beef barn.

All 4-H members having an animal in the livestock auction will be charged a $20 fee to help pay for livestock buyers' meal and thank you ads**.** Members must register for the auction with the superintendent of the species you would like to sell by the deadline the day of the auction. If the deadline is missed, the member will not participate in the auction.

Dog:

Description:

To complete the project; member must either exhibit an animal, make a poster, or participate in an action demonstration

All members, regardless of level, must turn in manuals reflecting activities completed.

State Fair Entries:

All county age requirements for the heifer project are in direct reflection of state guidelines outlined on the back of your enrollment sheet.

Indiana State Fair – To participate 4-H member must complete IN 4-H Dog enrollment form and follow instructions by required dates on form.

See also livestock regulations, in the front of this handbook.

Exhibit Guidelines:

Beginning - Level 1 WIGGLES 'N' WAGS (Grades 3-5)

Complete at least seven (7) activities (including those required) in the Dog
Project Activity Guide Level 1 each project year. When at least 20 of the activities are completed within three years and you have reached grade 6, you are ready for Level 2.

Participate in a minimum of three (3) of the learning experiences listed on the Planning Guide, page 3, each year.

Intermediate - Level 2 BOUNDING AHEAD (Grades 6-8)

Complete at least seven (7) activities (including those required) in the Dog Project Activity Guide Level 2 each project year. When at least 20 of the activities are completed within three years and you have reached grade 9, you are ready for Level 3.

Participate in a minimum of five (5) of the learning experiences listed on the Planning Guide, page 3, each year.

Advanced - Level 3 POINTING THE WAY (Grades 9-12)

Complete at least seven (7) activities (including those required) in the Dog Project Activity Guide Level 3 each project year. Complete at least 20 of the activities within three years.

Participate in a minimum of five (5) of the learning experiences listed on the Planning Guide, page 3, each year.

EXHIBIT REQUIREMENTS FOR THE DOG PROJECT:

- To complete the project; member must either exhibit an animal, make a poster, or an action demonstration
- All members, regardless of level, must turn in manuals reflecting activities completed
- All dog manuals are to be turned in at the dog show. Members who do not turn in completed manuals may not participate in the dog show at the fair.
- All Divisions - Exhibit dog with a choke chain collar and lead with training leash. Must be weaned pup or mature animal. Judged on grooming, training and obedience.
- A Dog Educational poster may also be exhibited.
- Must be inoculated according to State Board of Animal Health requirements within 12 months of exhibit, and Certificate of Vaccination, 4-H 671, available. Dogs must now be vaccinated for Bordella (kennel cough) with one (1) year of the fair in addition to previous vaccination requirements.
- Certain required vaccinations have not been proven effective in wolf-hybrids; therefore, because wolf-hybrids cannot meet the requirements of the Indiana Board of Animal Health, wolf-hybrid dogs cannot be shown in the 4-H Dog program.
- May be registered, purebred, or grade.

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Project Title: Electric

Description:

The 4-H electricity and electronics program provides youth with educational information about electricity and how it can be used to benefit the human race.

State Fair Entries:

5 electric exhibits per county, one per level

1 electronic exhibit per county, level 5

Exhibit Guidelines:

Artificial Intelligence (AI) may be used, with parent permission, when creating this exhibit and is to be documented as a reference. A majority of the work to create this exhibit is to be the 4-H member's original work. 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 way references are listed.

Posters are to be 22"x28" and displayed horizontally and placed in a clear plastic sleeve or covered with clear plastic to protect contents. The poster must be mounted on a firm backing to add stiffness to the exhibit, for example: a foam core project. Display boards should be designed to sit on a table using no more than 36" of tabletop space. Space should be left in the lower right hand corner to place an exhibit tag provided by Purdue Extension staff.

Youth are encouraged to complete the activities as instructed in the manual or found on the [4-H electric web page](#).

Judges evaluating exhibits should recognize individual differences and creativity, therefore using information in this document as a guide rather than a requirement.

Exhibit Class Guidelines:

Electric Level 1 (1st year in Electric)

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. Skills sheets are for judging purposes only and will not be returned to the exhibitor.

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. Refer to the Written Report Scorecard, 4-H 824, to determine expected items to be included.

Electric Level 2 (2nd year in Electric)

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. Skills sheets are for judging purposes only and will not be returned to the exhibitor.

Exhibit Suggestions:
- Magnetic Powered Shake Flashlight – with optional 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. Refer to the Written Report Scorecard, 4-H 824, to determine expected items to be included.

Electric Level 3 (3rd year in Electric)

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. Skills sheets are for judging purposes only and will not be returned to the exhibitor.

Exhibit Suggestions:
- Wiring Project – (ie. extension cord, trouble light, wire sizes and uses, plug configurations, test equipment, replace cord/cord end on a tool or piece of 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. Refer to the Written Report Scorecard, 4-H 824, to determine expected items to be included.

Electric Level 4 (4th year in Electric)

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. Skills sheets are for judging purposes only and will not be returned to the exhibitor.

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. Refer to the Written Report Scorecard, 4-H 824, to determine expected items to be included.

Electric Level 5 (5th year or more in Electric)

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. Skills sheets are for judging purposes only and will not be returned to the exhibitor.

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. Refer to the Written Report Scorecard, 4-H 824, to determine expected items to be included.
- 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.

Project Title: Entomology

Description:

This project will help you study insects and their relationship with people. You can also learn how to collect, preserve, and identify insects.

State Fair Entries:

3 collection exhibits per county, one per level

3 educational exhibits per county, one per level

Exhibit Guidelines:

Artificial Intelligence (AI) may be used, with parent permission, when creating this exhibit and is to be documented as a reference. A majority of the work to create this exhibit is to be the 4-H member's original work. 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 way references are listed.

Posters are to be 22"x28" and displayed horizontally and placed in a clear plastic sleeve or covered with clear plastic to protect contents. Display boards should be designed to sit on a table using no more than 36" of tabletop space & have a protective sleeve. The poster must be mounted on a firm backing to add stiffness to the exhibit, for example: a foam core project. Space should be left in the lower right hand corner to place an exhibit tag provided by Purdue Extension staff.

Collection Exhibit Guidelines:

Specimens may be displayed in a collection box no larger than 24"x 18"x 3", displayed horizontally. Collections are to include the following:

- Title as Insect Collection Grade x (x is to be replaced with grade in school)
- Order – refer to ID-401, page 57.
- Display – mounted insects are to have been legally and personally collected in the United States and displayed in an 18"x24" collection box displayed horizontally. Collections including multiple boxes are to be numbered 1 of 3, etc. ID 401 A-F cards (for grades 3-8) and 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).

Judges evaluating exhibits should recognize individual differences and creativity, therefore using information in this document as a guide rather than a requirement.

Exhibit Class Guidelines:

Beginner (1st-3rd Year in Entomology)

Create a poster or display board about any manual or similar activity, or prepare an insect collection for your grade level.

Year in Entomology	Collection Information	Total Boxes
1st year	10 insects, identified and pinned on cards (ID 401A)	1
2nd year	20 insects, mounted (pins or vials). Identify all insects by common name and identify five (5) to order. Include card ID 401B.	1
3rd year	30 insects, mounted (pins or vials). Identify all insects by common name and identify 15 to order. Include ID 401C.	1

Intermediate (4th-6th Year in Entomology)

Create a poster or display board about any manual or similar activity, or prepare an insect collection for your grade level.

Year in Entomology	Collection Information	Total Boxes
4th year	40 insects, exhibit a minimum of 6 orders, mounted (pins or vials). Identify all insects by common name and order. Include ID 401D.	2
5th year	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
6th year	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

Advanced (7th-10th Year in Entomology)

Create a poster or display board about any manual or similar activity, or an independent study project, or prepare an insect collection for your grade level. Advanced level insect collections are to also include an education box, for a total of four boxes.

Year in Entomology	Collection Information	Total Boxes

7th year	70 insects, exhibit a minimum of 12 orders, mounted (pins or vials). Identify all insects by common name, order, and family. One	3

	educational box, theme: insect behavior. Include card ID 401I.(1-3 collection boxes plus 1 educational box*). Place ID 401I in first collection box only. Card ID 401I download	
8th year	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 401I. (1-3 collection boxes plus 1 educational box*). Place ID 401I in first collection box only. Card ID 401I download	3
9th year	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 401I. ((1-3 collection boxes plus 1 educational box*). Place ID 401I in first collection box only. Card ID 401I download	3
10th year	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 401I. (1-3 collection boxes plus 1 educational box*). Place ID 401I in first collection box only. Card ID 401I download	3

Spencer County Farm Scene Project

Description:

This project provides the opportunity for 4-H members to make realistic toy dioramas from custom-built or manufactured farm toys. In all divisions of the Farm Scene project, the member must use the same scale throughout the display. The 4-Her can use 1/64, 1/32 or 1/16 scale toys.

State Fair Entries: Not a State Fair project

Exhibit Guidelines:

Space should be left in the lower right hand corner to place an exhibit tag provided by Purdue Extension staff.

Judges evaluating exhibits should recognize individual differences and creativity, therefore using information in this document as a guide rather than a requirement.

Exhibit Class Guidelines:

Level A (grades 3-4 suggested)

Exhibit a farm scene display 24 inches by 36 inches. Display must be built on rigid wood (plywood). This level will be limited to field tiling (toy plows, disks or planting equipment). Roads, lanes, trees, fence rows and backdrop may be used. Prepare a different exhibit each year.

Level B (grades 5-6 suggested)

Exhibit a farm scene display 24 inches by 48 inches. Display must be built on rigid wood (plywood). This level will be limited to any type of field work (tilling or crop harvesting). Roads, lanes, streams, trees, fence rows, railroads, animals or backdrop may be used. Prepare a different exhibit each year.

Level C (grades 7-9 suggested)

Exhibit a farm scene display 48 inches by 48 inches. Display must be built on rigid wood (plywood). This level is open to any type of farmstead and includes buildings, livestock, grain handling equipment, field work, harvesting and optional backdrop. Prepare a different exhibit each year.

Level D (grades 10-12 suggested)

Exhibit an agriculture display of things other than a farmstead or farm tillage. Displays are to be minimum of 24 inches by 24 inches to a maximum of 48 inches by 48 inches and must be built on rigid wood (plywood). Examples: livestock auction, farm equipment dealership, agriculture educational event, agriculture field day or other display of your imagination. Prepare a different exhibit each year.

Project Title: Consumer Clothing Fashion Revue

Description:
This project teaches youth skills to present themselves in a professional manner by providing an opportunity for youth to model the outfit purchased in the 4-H consumer clothing project.

State Fair Entries:
3 entries per county, one per level.

Exhibit Guidelines:
All garments and outfits modeled in Consumer Clothing Fashion Revue must have been purchased by the 4-H member modeling that same garment or outfit.

DEFINITION OF AN OUTFIT: An outfit is a garment or garments that when put together make a complete look.

Judges evaluating exhibits should recognize individual differences and creativity, therefore using information in this document as a guide rather than a requirement.

Exhibit Class Guidelines:

Beginner (grades 3-5 suggested)
Model the garment or outfit purchased for the consumer clothing project. Accessories may be purchased or selected from what you currently have.

Intermediate (grades 6-8 suggested)
Model the garment or outfit purchased for the consumer clothing project. Accessories may be purchased or selected from what you currently have.

Advanced (grades 9-12 suggested)
Model the garment or outfit purchased for the consumer clothing project. Accessories may be purchased or selected from what you currently have.

Project Title: **Sewing** Fashion Revue

Description:

This project teaches youth skills to present themselves in a professional manner by providing an opportunity for youth to model the outfit constructed in the 4-H sewing project.

State Fair Entries:

6 senior exhibits per county with no more than two exhibits per category. An exhibitor may participate in only one senior fashion revue category at state fair.

Note – State fair fashion revue grand champion will be selected from the six senior sewing category champions modeling their sewn garment or outfit.

Exhibit Guidelines:

All garments and outfits modeled in Fashion Revue, except consumer clothing entries, must have been constructed by the 4-H member modeling that same garment or outfit. Youth qualifying to exhibit the same garment or outfit in Indiana State Fair Sewing and Sewing 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.

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.

Judges evaluating exhibits should recognize individual differences and creativity, therefore using information in this document as a guide rather than a requirement.

Exhibit Class Guidelines:

Junior (grades 3-7 suggested)

Model the garment or outfit constructed for the sewing project. Accessories may be purchased or selected from what you currently have. There is no junior class at state fair.

Senior Categories (grades 8-12 suggested)

Informal or Casual Wear: A complete outfit of 1 or 2 pieces suitable for school, weekend, or casual, informal activities. In this category, a complete outfit is defined as 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 combination, such as pants, vest, blouse or shirt.

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. A complete outfit is defined as 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. Individual garment 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. In this category, a complete outfit is defined as a garment or garments that when put together make a complete look - a three piece combination, such as pants, vest, and blouse or shirt. 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.

Project Title: Fine Arts

Description:

Allows youth to learn life skills and grow in project knowledge while expressing creativity through painting and drawing.

State Fair Entries:

2 entries per county as determined by the county 4-H educator and fair officials.

Exhibit Guidelines:

All arts and craft exhibits must include a [4-H Craft Information Card, 4-H 618A](#). This information card is to describe work completed so the judge can more accurately evaluate the exhibit. Craft information cards are for judging purposes only and will not be returned to the exhibitor.

Oil, charcoal, pastels, pencil, ink, acrylic, watercolor or similar artistic work can be displayed on canvas, canvas board, or paper. All work must be 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.

Judges evaluating exhibits should recognize individual differences and creativity, therefore using information in this document as a guide rather than a requirement.

Exhibit Class Guidelines:

Beginner (grades 3-5 suggested)

Create and exhibit one age/grade appropriate artwork.

Intermediate (grades 6-8 suggested)

Create and exhibit one age/grade appropriate artwork.

Advanced (grades 9-12 suggested)

Create and exhibit one age/grade appropriate artwork.

Project Title: Floriculture

Description:

Youth will learn basic information and skills needed to grow healthy plants and flowers as well as floral design techniques.

State Fair Entries:

8 floral exhibits per county, 2 per level

4 educational exhibits per county, 1 per level

Exhibit Guidelines:

Artificial Intelligence (AI) may be used, with parent permission, when creating this exhibit and is to be documented as a reference. A majority of the work to create this exhibit is to be the 4-H member's original work. 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 way references are listed.

Posters are to be 22"x28" and displayed horizontally and placed in a clear plastic sleeve or covered with clear plastic to protect contents. Display boards should be designed to sit on a table using no more than 36" of tabletop space. The poster must be mounted on a firm backing to add stiffness to the exhibit, for example: a foam core project. Space should be left in the lower right hand corner to place an exhibit tag provided by Purdue Extension staff.

Floral arrangements can be constructed using fresh flowers and greenery grown yourself or purchased, flowers and greenery dried yourself or purchased, or artificial flowers or greenery.

Judges evaluating exhibits should recognize individual differences and creativity, therefore using information in this document as a guide rather than a requirement.

Exhibit Class Guidelines:

Level A (grades 3-4 suggested)

Floral Option - Create a simple bud vase (1-3 stems of main flower plus appropriate filler and/or greenery) or simple round arrangement (small, compact round cluster of flowers plus appropriate filler and/or greenery).

Educational Display Option – Create a poster, notebook or display about one of the following:

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.

6. Explore and explain how to care for a 'sick' plant.

7. Report on interview with a floriculture professional (what do they do, types of jobs, type of training, hours worked, etc.)

8. Describe an experiment you did and the results.

9. Describe a community service project you did related to your flowers project.

10. Another similar activity.

Level B (grades 5-6 suggested)

Floral Option – Create a mixed planter that includes 3 or more kinds of plants, make an item from dried plants, or display a house plant (flowering or non-flowering) you've grown.

Educational Display Option – Create a poster, notebook or display about one of the following:

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.

13. Another similar activity.

Level C (grades 7-9 suggested)

Floral Option – Create a terrarium, combination or European planter (3 or more kinds of plants), corsage, boutonniere, or specialty arrangement in a container (using dried flowers, roses, or lilies as the primary content).

Educational Display Option – Create a poster, notebook or display about one of the following:

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 considers, 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.
12. Another similar activity.

Level D (grades 10-12 suggested)

Floral Option – Create a seasonal arrangement, modern or contemporary arrangement, bridal bouquet, special occasion centerpiece, or plant you have propagated and grown yourself.

Educational Display Option – Create a poster, notebook or display about one of the following:

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.
12. Another similar activity.

Project Title: Foods, Baked

Description:

The foods project teaches basic baking, preservation and nutrition education skills.

State Fair Entries:

2 Level A entries per county.

2 Level B entries per county.

3 Level C entries per county.

3 Level D entries per county.

Exhibit Guidelines:

Artificial Intelligence (AI) may be used, with parent permission, when creating this exhibit and is to be documented as a reference. A majority of the work to create this exhibit is to be the 4-H member's original work. 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 way references are listed.

Posters are to be 22"x28" and displayed horizontally and placed in a clear plastic sleeve or covered with clear plastic to protect contents. Display boards should be designed to sit on a table using no more than 36" of tabletop space. The poster must be mounted on a firm backing to add stiffness to the exhibit, for example: a foam core project. Space should be left in the lower right hand corner to place an exhibit tag provided by Purdue Extension staff.

Purdue Extension Food Safety Policy (revised 10/2022):

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 160^0F (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.*

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. *Potential food allergens include, but are not limited to, milk, eggs, peanuts, tree nuts, fish, crustacean shellfish, wheat, soy and sesame. Each food product must be labeled with the following information:*

- *Name*

- *Date the food product was made*

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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 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.

Baked food products may be from a boxed mix following the instructions, a boxed mix with added ingredients, or ingredients combined from scratch. Youth are to place their name, county and club on the bottom side of their plate, pan or other container and the official entry tag provided will be placed with the exhibit.

A completed recipe card is to be submitted with each exhibit. Recipe cards are for judging purposes only and will not be returned to the exhibitor. Laminating, wrapping the recipe card in plastic, or placing it in a clear plastic bag is optional. 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.

Baked food products should be covered during transport and displayed on a paper or foam plate, or another type of disposable container. Pies, casseroles and other similar items are to be baked in a disposable pan. Cakes and sticky items may be displayed on a cardboard strong enough to support the item and covered in foil, plastic, wax paper, or similar substance.

Judges evaluating exhibits should recognize individual differences and creativity, therefore using information in this document as a guide rather than a requirement.

Perishable baked exhibits entered for state fair competition will not be displayed and instead will be donated to a central Indiana homeless shelter.

Exhibit Class Guidelines:

Level A (grades 3-4 suggested)

Choose one or more of the baked products below, or a similar baked product of choice. It is suggested a participant choose a different option each year, but this is not a requirement. Exhibits entered at state fair will be donated to local homeless shelters after being judged and not displayed.

- Three uniced snack sized cookies.
- Three standard sized unlined muffins.

- Three standard sized unlined muffins containing an ingredient that is a source of Vitamin A or C.
- Three snack sized granola bars.
- Three snack sized brownies or blondies.
- An educational poster, notebook or display about a food or nutrition topic of choice that is age/grade appropriate.
- Any other similar baked item.

Level B (grades 5-6 suggested)

Choose one or more of the baked products below, or a similar baked product of choice. It is suggested a participant choose a different option each year, but this is not a requirement. Exhibits entered at state fair will be donated to local homeless shelters after being judged and not displayed.

- A single layer cake without frosting.
- A single 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.
- A standard loaf-sized quick bread.
- A standard loaf-sized quick bread containing an ingredient that is a source of Vitamin A or C.
- A coffee-cake.
- A coffee-cake containing an ingredient that is a source of Vitamin A or C.
- Three biscuits or scones that are plain, sweet or savory.
- Three biscuits or scones that are plain, sweet or savory using a whole grain flour mixture.
- Three biscuits or scones that are plain, sweet or savory containing an ingredient that is a source of Vitamin A or C.
- Three no-yeast, any shape pretzels (shaped, stick or nugget).
- Three no-yeast, any shape pretzel with a whole grain flour mixture (shaped, stick or nugget).
- Three no-yeast breadsticks.
- Three no-yeast cinnamon rolls or other flavored roll without icing or glaze.
- A no-yeast sweet bread without icing or glaze.
- An educational poster, notebook or display about a food or nutrition topic of choice that is age/grade appropriate.
- Any other similar baked item.

Level C (grades 7-9 suggested)

Choose one or more of the baked products below, or a similar baked product of choice. It is suggested a participant choose a different option each year, but this is not a requirement. Exhibits entered at state fair will be donated to local homeless shelters after being judged and not displayed.
- Three yeast bread sticks or yeast rolls (any shape, medium size – not a sweet roll)
- Three (3) yeast bread sticks or yeast rolls (any shape, medium size - not a sweet roll), using a whole grain flour mixture. 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 loaf or braid. 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 breadmaker.
- A yeast bread (can be loaf, braid) using a whole grain flour mixture such as whole wheat, rye, oat bran, etc. 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 breadmaker.
- Homemade pizza using a yeast dough. Judges are not expecting this item to be presented hot

out of the oven.

- One package of an, invented healthy snack (such as a granola bar, popcornsnack, 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.
- Prepare an entrée casserole that meets three MyPlate requirements for a meal. Use care when transporting to prevent spoilage. Judges are not expecting this casserole to be presented hot out of the oven.
- An educational poster, notebook or display about a food or nutrition topic of choice that is age/grade appropriate.
- Any similar baked item.

Level D (grades 10-12 suggested)

Choose one or more of the baked products below, or a similar baked product of choice. It is suggested a participant choose a different option each year, but this is not a requirement. Exhibits entered at state fair will be donated to local homeless shelters after being judged and not displayed.

- A single or double crust baked fruit pie (no graham cracker crust). (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 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.
- Select a condition in which people have to specifically modify their eating habits (diabetes, heart disease, Celiac disease, food allergies, etc.) Prepare a 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.
- Prepare an entrée casserole that meets four MyPlate requirements for a meal. Use care when transporting to prevent spoilage. Judges are not expecting this casserole to be presented hot out of the oven.
- An international or ethnic food of choice. This may be a cold or hot product. Use care when transporting to prevent spoilage. Judges are not expecting this product to be presented hot out of the oven.
- A specialty pastry.
- Create a baking mix and provide a sample of the baked product. Include an index card with instructions, wet ingredients needed, and baking instructions.
- An educational poster, notebook or display about a food or nutrition topic of choice that is age/grade appropriate.
- Any other similar baked item.

Project Title: Foods, Preserved

Description:

The foods project teaches basic baking, preservation and nutrition education skills.

State Fair Entries:

2 Level A entries per county.

2 Level B entries per county.

3 Level C entries per county.

3 Level D entries per county.

Exhibit Guidelines:

Artificial Intelligence (AI) may be used, with parent permission, when creating this exhibit and is to be documented as a reference. A majority of the work to create this exhibit is to be the 4-H member's original work 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 way references are listed.

Posters are to be 22"x28" and displayed horizontally and placed in a clear plastic sleeve or covered with clear plastic to protect contents. Display boards should be designed to sit on a table using no more than 36" of tabletop space. The poster must be mounted on a firm backing to add stiffness to the exhibit, for example: a foam core project.   Space should be left in the lower right hand corner to place an exhibit tag provided by Purdue Extension staff.

Refer to the [Purdue Extension Food Preservation](#) web site for resources and Purdue Extension educators trained to answer food preservation questions.

Purdue Extension Food Safety Policy (revised 10/2022):

*For Food Competitions: Fillings, frostings, glazes, and meringues <u>are not permitted</u> 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 <u>IF</u> 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^OF (i.e. pasteurized <u>**or**</u> included as part of a batter and baked) are acceptable. No <u>home- canned</u> fruits, vegetables, or meats are permitted as ingredients in food products.*

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 <u>must be provided</u> that identifies all ingredients that were used in each part of the product. <u>Any ingredient that could be a potential allergen must be clearly identified.</u> Potential food allergens include, but

are not limited to, milk, eggs, peanuts, tree nuts, fish, crustacean shellfish, wheat, soy and sesame. Each food product must be labeled with the following information:

- *Name*
- *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 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.*

A completed recipe card is to be submitted with each exhibit. Recipe cards are for judging purposes only and will not be returned to the exhibitor. Laminating, wrapping the recipe card in plastic, or placing it in a clear plastic bag is optional. 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.

Preserved food products should be displayed in an appropriate container, preferably disposable. Containers will not be returned to the exhibitor.

Judges evaluating exhibits should recognize individual differences and creativity, therefore using information in this document as a guide rather than a requirement.

Frozen exhibits entered for state fair competition will not be displayed and instead will be donated to a central Indiana homeless shelter. Home-canned exhibits will be displayed but will be disposed at the state fair's conclusion.

Exhibit Class Guidelines:

Level A (grades 3-4 suggested)

Choose one or more of the preserved products below, or a similar preserved product of choice. It is suggested a participant choose a different option each year, but this is not a requirement. Exhibits entered at state fair will be donated to local homeless shelters and not displayed.

- A package of 3 baked or unbaked, 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 or baking. Label with name of product, quantity, and date frozen.
- 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.

- One package of dehydrated fruit or vegetable. Display in an appropriate bag or container. Include index card with recipe and instructions for cooking or defrosting. Label with name of product, quantity, and date dehydrated.
- An educational poster, notebook or display about a food or nutrition topic of choice that is age/grade appropriate.
- Any other similar preserved item.

Level B (grades 5-6 suggested)

Choose one or more of the preserved products below, or a similar preserved product of choice. It is suggested a participant choose a different option each year, but this is not a requirement. Exhibits entered at state fair will be donated to local homeless shelters and not displayed.

- 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.
- 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.
- One container of frozen fruit or vegetable juice. Include index card with instructions for defrosting and cooking. Label with name of product, quantity, and date frozen.
- One container of frozen soup. Include index card with recipe and instructions for defrosting and cooking. Label with name of product, quantity, and date frozen.
- A frozen ready-to-eat breakfast sandwich, burrito or similar item. 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.
- An educational poster, notebook or display about a food or nutrition topic of choice that is age/grade appropriate.
- Any other similar preserved item.

Level C (grades 7-9 suggested)

Choose one or more of the preserved products below, or a similar preserved product of choice. It is suggested a participant choose a different option each year, but this is not a requirement. Exhibits entered at state fair will be donated to local homeless shelters and not displayed.

- 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. Canned products must have the ring on the jar top to protect the seal. ***Note: Only food preservation products made using USDA approved recipes and techniques 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. Canned products must have the ring on the

jar top to protect the seal. ***Note: Only food preservation products made using USDA approved recipes and techniques are acceptable.***
- Frozen yeast dough (bread loaf, roll balls, sticks, pizza, etc.). Include index card with recipe and instructions for defrosting and cooking. Label with name of product, quantity, and date frozen.
- An educational poster, notebook or display about a food or nutrition topic of choice that is age/grade appropriate.
- Any similar preserved item.

Level D (grades 10-12 suggested)

Choose one or more of the preserved products below, or a similar preserved product of choice. It is suggested a participant choose a different option each year, but this is not a requirement. Exhibits entered at state fair will be donated to local homeless shelters and not displayed.
- 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. Canned products must have the ring on the jar top to protect the seal. ***Note: Only food preservation products made using USDA approved recipes and techniques 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. ***Note: Only food preservation products made using USDA approved recipes and techniques are acceptable.***
- One container of a thaw and eat frozen prepared appetizer. Include index card with recipe and instructions for defrosting. Label with name of product, quantity, and date frozen.
- One container of a thaw and eat frozen prepared dessert. Include index card with recipe and instructions for defrosting. Label with name of product, quantity, and date frozen.
- An educational poster, notebook or display about a food or nutrition topic of choice that is age/grade appropriate.
- Any other similar preserved item.

4-H Food Recipe Card

Name: _____ **County:**_____

Project Level ____A __B__C__D   ____Baked ___Preserved Exhibit

Name of Recipe:_____ **Recipe Source:**_____

Date Product was Made_____

Prep Time: _____ minutes

Cook Time: _____ minutes

Recipe Yield: _____ Serving size: _____

This should include all of the ingredients and their measurements, as well as the full instructions of how to make the dish. Directions should include detailed preparation method: mix, bake, preserve, and safe storage instructions.

Ingredients and Amount:

List any ingredients that could potentially cause an allergic reaction (eggs, wheat flour, dairy products, etc.):

Directions: Prep, mix, bake or preserve, and safe storage. Number, in order, steps to prepare.

For a preserved exhibit, list directions required to ~~consume~~ prepare **this product** for consumption. **Number, in order, steps to prepare.** *(Use backside if additional space is needed.)*

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Use backside if additional space is needed.

Project Title: Forestry

Description:

This project teaches youth natural resources and forestry related skills.

State Fair Entries:

3 per county; one per level

Exhibit Guidelines:

Artificial Intelligence (AI) may be used, with parent permission, when creating this exhibit and is to be documented as a reference. A majority of the work to create this exhibit is to be the 4-H member's original work 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 way references are listed.

Posters are to be 22"x28" and displayed horizontally and placed in a clear plastic sleeve or covered with clear plastic to protect contents. Display boards should be designed to sit on a table using no more than 36" of tabletop space The poster must be mounted on a firm backing to add stiffness to the exhibit, for example: a foam core project. Space should be left in the lower right hand corner to place an exhibit tag provided by Purdue Extension staff.

Judges evaluating exhibits should recognize individual differences and creativity, therefore using information in this document as a guide rather than a requirement.

Exhibit Class Guidelines:

Beginner (grades 3-5 suggested)

Create an educational poster, notebook or display about any manual activity or on any forestry topic of choice that is age/grade appropriate.

Intermediate (grades 6-8 suggested)

Create an educational poster, notebook or display about any manual activity or on any forestry topic of choice that is age/grade appropriate.

Advanced (grades 9-12 suggested)

Create an educational poster, notebook or display about any manual activity or on any forestry topic of choice that is age/grade appropriate, prepare a herbarium collection that contains at least 25 native Indiana forest leaves, or prepare a herbarium collection that contains at least 25 native Indiana forest shrubs. Youth can also design and complete an independent study activity.

Herbarium Collections - 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, the Internet, books, and forest specialists when collecting and identifying specimens. The herbarium collection must be accessible to the judges. Do not cover it under the plastic that covers your poster. Youth may want to attach a folder or other holder over your poster to hold the mounted, covered specimens.

Project Title: Garden

Description:

Youth will learn about plant growth, soil nutrition, and management of insects and diseases related to fresh vegetable and herb production.

State Fair Entries:

1 collection per member, unlimited number of county entries.

5 single vegetable entries per member, unlimited number of county entries.

3 herb entries per member, unlimited number of county entries.

1 potato tray entry per member, unlimited number of county entries.

1 tomato plate entry per member, unlimited number of county entries.

1 educational exhibit entry per county.

Exhibit Guidelines:

Artificial Intelligence (AI) may be used, with parent permission, when creating this exhibit and is to be documented as a reference. A majority of the work to create this exhibit is to be the 4-H member's original work. 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 way references are listed.

Posters are to be 22"x28" and displayed horizontally and placed in a clear plastic sleeve or covered with clear plastic to protect contents. Display boards should be designed to sit on a table using no more than 36" of tabletop space. The poster must be mounted on a firm backing to add stiffness to the exhibit, for example: a foam core project. Space should be left in the lower right hand corner to place an exhibit tag provided by Purdue Extension staff.

Refer to Suggested 4-H Garden Exhibits, 4-H 970-w, to learn about size, weight, and other suggested specifications.

Judges evaluating exhibits should recognize individual differences and creativity, therefore using information in this document as a guide rather than a requirement.

Vegetable exhibits entered for state fair competition will not be displayed and instead will be donated to a central Indiana food bank

Exhibit Class Guidelines:

Level A (grades 3-4 suggested)

Choose one or more options outlined below. All vegetable and herb exhibits must include

common name and variety. Vegetable exhibits entered at state fair will be donated to local food banks and homeless shelters after being judged and not displayed.

Level B (grades 5-6 suggested)

Choose one or more options outlined below. All vegetable and herb exhibits must include common name and variety. Vegetable exhibits entered at state fair will be donated to local food banks and homeless shelters after being judged and not displayed.

Level C (grades 7-9 suggested)

Choose one or more options outlined below. All vegetable and herb exhibits must include common name and variety. Vegetable exhibits entered at state fair will be donated to local food banks and homeless shelters after being judged and not displayed.

Level D (grades 10-12 suggested)

Choose one or more options outlined below. All vegetable and herb exhibits must include common name and variety. Vegetable exhibits entered at state fair will be donated to local food banks and homeless shelters after being judged and not displayed.

Garden Collection Option

Create a 3-plate, 4-plate, or 5-plate collection display of vegetables you have grown and cared for from the single vegetable list. Display each vegetable on a disposable plate. Inclusion of flowers is optional.

Single Vegetable Option

Display from the list below vegetables you have grown and cared for on a disposable plate.

Vegetable	Plated Display Description
Asparagus	Asparagus, 5 spears
Beans	Cowpea, black-eyed pea, southern pea, etc., 10 pods or ½ cup shelled
Beans	Snap, Green or Wax, 10 pods
Beans	Lima-large or small - 10 pods or ½ cup shelled
Beans	Navy, kidney, shell out, etc.-1/2 cup shelled
Beets	Round, flat, and long types, 3
Broccoli	Broccoli, 1 head
Broccoli raab	Broccoli raab, 3 heads
Brussels sprouts	Brussels sprouts, 5 heads
Cabbage	Chinese type (bok choy or pak choi), 1 head
Cabbage	Chinese type (napa cabbage), 1 head
Cabbage	Round, Flat or Pointed type, 1 head
Carrots	Carrots, 3
Cauliflower	Cauliflower, 1 head
Celery	Celery, 1 bunch
Chard	Chard, 10 bundled leaves
Collards	Collards, 10 bundled leaves
Corn	Sweet-yellow, white or bicolor, 3 ears
Cucumbers	Dill, Pickling, 3
Cucumbers	English or hothouse, 1
Cucumbers	Slicing with seeds, 3
Eggplant	Eggplant, 1

Kale	Kale, 10 bundled leaves
Kohlrabi	Kohlrabi, 3
Muskmelon	Muskmelon (cantaloupe), 1
Okra	Okra, 3 pods
Onions	Green, 5 onions in a bunch
Onions	Red, Yellow or White, 3
Parsnip	Parsnips, tops off, 3
Peas	Peas, edible pod such as snow peas ,10 pods
Peas	Peas, unshelled, 10 pods
Peppers	Bell type, 3
Peppers	Chili type, 3
Peppers	Serrano type, 3
Peppers	Banana/Long/Wax/Hungarian type, 3
Peppers	Pimiento type (red), 3
Peppers	Cayenne type, 3
Peppers	Jalapeno type, 3
Peppers	Cherry type, 3
Peppers	New Mexican, long green, Anaheim type, 3
Peppers	Ancho type, 3
Peppers	Tabasco type, 3
Peppers	Habanero type, 3
Potato	Potatoes, any color, 3
Pumpkin	Pumpkin, (other), 1
Pumpkin	Table, Canning, or Ornamental, 1
Radishes	Radishes, 5
Rhubarb	Rhubarb, 3 stalks bundled
Rutabaga	Rutabaga, 3
Spinach	Spinach, 10 bundled leaves
Squash	Banana, or other large winter squash type, 1
Squash	Buttercups, Turbans, 1
Squash	Butternut, 1
Squash	Cushaw, 1
Squash	Hubbards – blue, green or golden, 1
Squash	Scallops/Patty Pans, 1
Squash	Straight or crookneck – i.e. summer squash, 1
Squash	Acorn, 1
Squash	Zucchini or cocozelle, 1
Sweet Potato	Sweet potatoes, 3
Tomatillos	Tomatillos, 3
Turnips	Turnips, 3
Watermelon	Watermelon, 1
Any Other Vegetable	Any vegetable not listed above, include 1-3 speciemens

Herb Option

Display from the list below a single herb plant you have grown and cared for in an appropriate size pot that has a saucer bottom.

Herb Name and Description
Basil (Ocimum basilicum) "all edible types"
Catnip (Nepeta cataria) "all edible types"
Chamomile (Chamaemelum nobile) "all edible types"
Chives (Allium schoenoprasum) "all edible types"
Coriander or Cilantro (Coriandrum sativum) "all edible types"
Dill (Anethum graveolens)
French tarragon (Artemisia dracunculus)
Lavender (Lavendula sp.) "all edible types"
Mint (Mentha sp.) "all edible types"
Oregano (Origanum vulgare)
Parsley (Petroselinum crispum) "all edible types"
Rosemary (Rosemarinus officinalis)
Sage (Salvia officinalis)
Sweet Marjoram (Origanum majorana)
Thyme (Thymus vulgaris) "all edible types"
Any Other Herb

Potato Tray Option

Display from the list below approximately 30 potatoes you have grown and cared for in a 12 ½" x18" tray. A tray will be provided when checking-in potato exhibits at state fair.

Potato Description
Red (Norland, Triumph), etc.
Russett (Haig, Norgold, Superior), etc.
White, long type (Kennebec), etc.
White, oval type (Irish Cobbler), etc.
White, round type (Katahdin), etc.
Other (yellow, blue, etc.)

Tomato Plate Option

Display from the list below tomatoes you have grown and cared for on a disposable plate.

Tomato Description
Pink or purple, 3
Red (for canning), 3
Red (for market), 3
Roma or paste type, 3
Intermediate type, 10
Small Cherry or Pear, 10
Yellow or orange, 3

Educational Exhibit Option

Create an educational poster, notebook or display about any manual activity or on any gardening topic of choice that is age/grade appropriate. Youth can also design and complete an independent study activity.

Project Title: Genealogy

Description:

This project helps young people know where their ancestors resided, traveled, and developed some family tradition.

State Fair Entries:

5 entries per county; one per division.

Exhibit Guidelines:

Artificial Intelligence (AI) may be used, with parent permission, when creating this exhibit and is to be documented as a reference. A majority of the work to create this exhibit is to be the 4-H member's original work.

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 – Appropriate size notebook or binder, contains introduction sheet, pedigree charts and family group sheets

- Book #2 – Appropriate size notebook or binder, contains additional information worksheets and diary of work

- Book #3 – Appropriate size notebook or binder, contains supporting documents, pictures, etc.

- Book #4 – Appropriate size notebook or 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.

Note – Youth may consolidate information in order to have fewer notebooks. In this case indicate on the cover the notebook numbers included and use dividers to separate information by notebook number as well as contents as indicated below.

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
Notebook tabs AND acid free dividers (several tabs will be needed, be consistent with style used, should not appear past edge of notebook)
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

Lots of creativity to make the exhibit your own while still following the exhibit guidelines.

Judges evaluating exhibits should recognize individual differences and creativity, therefore using information in this document as a guide rather than a requirement.

Exhibit Class Guidelines

Division 1 (1ˢᵗ year in project suggested)

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.

Division 2 (2ⁿᵈ year in project suggested)

- 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.

Exhibit Book #1, Book #2, and Book #3. Books 2 and 3 should only include Division 2 ancestors 8-15 and related information.

Division 3 (3rd year in project suggested)

- 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.

Exhibit Book #1, Book #2, and Book #3. Books 2 and 3 should only include Division 3 ancestors 16- 31 and related information.

Division 4 (4th year in project suggested)

- 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.

    Exhibit Book #1, Book #2, and Book #3. Books 2 and 3 should only include Division 4 ancestors 32- 63 and related information.

Advanced (5th year and above in project suggested)

- 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.

    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.)

    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.

K. Any other genealogy related activity of choice.

Project Title: Geology

Description:

Geology involves studying the earth's crust, its layers, and their history. Youth learn to identify Indiana rocks, minerals, and fossils.

State Fair Entries:

3 per county; one per level

Exhibit Guidelines:

Artificial Intelligence (AI) may be used, with parent permission, when creating this exhibit and is to be documented as a reference. A majority of the work to create this exhibit is to be the 4-H member's original work. 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 way references are listed.

Posters are to be 22"x28" and displayed horizontally and placed in a clear plastic sleeve or covered with clear plastic to protect contents. Display boards should be designed to sit on a table using no more than 36" of tabletop space. The poster must be mounted on a firm backing to add stiffness to the exhibit, for example: a foam core project. Space should be left in the lower right hand corner to place an exhibit tag provided by Purdue Extension staff.

Specimens may also be displayed in a collection box no larger than 24"x 18"x 3", displayed horizontally.

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. Subject matter experts 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 (recently cracked or broken 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.

Judges evaluating exhibits should recognize individual differences and creativity, therefore using information in this document as a guide rather than a requirement.

Exhibit Class Guidelines:

Beginner (grades 3-5 suggested)

Create an educational poster, notebook or display about any manual activity or on any geology topic of choice that is age/grade appropriate.

Intermediate (grades 6-8 suggested)

Create an educational poster, notebook or display about any manual activity or on any geology topic of choice that is age/grade appropriate, or collection of 8-16 minerals and/or fossils.

Advanced (grades 9-12 suggested)

Create an educational poster, notebook or display about any manual activity or on any geology topic of choice that is age/grade appropriate, or collection of 15-25 minerals and/or fossils and/or jewel stones. Youth can also design and complete an independent study activity.

![Purdue University Extension - 4-H Youth Development logo]

Goat - Meat:

Description:

YQCA certification is required for all members in order to show at the fair.

Exhibit Requirement for Boer Goat Project:

To complete the project member must either exhibit an animal, make a poster or complete an action demonstration

All members, regardless of level, must turn in manuals reflecting activities completed

All goat manuals are to be turned in when you check your animal in at the fair. Members who do not turn in completed manuals do not exhibit at the fair.

At each level, 4-H members exhibit one or more animals

Boer Goat members must send animals to be tagged on county date (if you plan to exhibit at the State fair). All members must complete/turn in the state enrollment form by the deadline to participate in the Boer Goat project and exhibit Boer Goats at the 4-H Fair. See also livestock regulations, in the front of this handbook.

All members, regardless of level, must turn in manuals reflecting activities completed.

Classes:

- **Market Class**- single market female or castrated male (wether) shown by weight. All market animals must be under 1 year of age.
- **Breeding Class** will be available for the following divisions: Purebred Boer, Percentage Boer, All Other Breeds (including Angora, Kiko, Myatonic, Savanna, and Spanish), and Crossbred with no Boer breeding. No champion ribbon will be awarded to classes with fewer than 2 entries. Age classes with fewer than 2 entries may be combined.
- **Junior Does**
    - 0-6 months
    - 7-12 months
- **Yearling Does**
    - 12-18 months
    - 19-24 months
- **Senior Does** ** Must have kidded at least once**
    - 24-36 months
    - 37+ months

State Fair Entries:

Indiana State Fair – State entry must be in by May 15th. If 4-H member wishes to enter, contact the Extension Office for details before May 1.

Exhibit Guidelines:

Beginning - Level 1   JUST BROWSING   (Grades 3-5)
--Complete at least seven (7) activities (including those required) in the Meat Goat
Achievement Program Level 1 manual each project year. When at least 21 of
the activities are completed within three years and you have reached grade 6,
you are ready for the Level 2 manual.
--Participate in a minimum of three (3) of the learning experiences listed on the
Planning Guide, page 3, each year.

Intermediate - Level 2   GROWING WITH MEAT GOATS   (Grades 6-8)
--Complete at least seven (7) activities (including those required) in the Meat Goat Achievement
Program Level 2 manual each project year. When at least 21 of the activities are completed within
three years and you have reached grade 9, you are ready for the Level 3 manual.
--Participate in a minimum of five (5) of the learning experiences listed on the Planning Guide,
page 3, each year.

Advanced - Level 3   MEATING THE FUTURE   (Grade 9-12)
--Complete at least seven (7) activities (including those required) in the Meat Goat Achievement
Program Level 3 manual each project year. Complete at least 21 of the activities within three
years.
--Participate in a minimum of five (5) of the learning experiences listed on the Planning Guide,
page 3, each year.

Members with animal exhibits MUST feed, water, bed and care for their exhibit. Pens, stalls, and exhibit
areas will be inspected daily.

No animal that has knowingly been tranquilized will be eligible to be used in a showmanship contest.

All 4-H members having an animal in the livestock auction will be charged a $20.00 auction fee.
Members are to register with the livestock superintendent by the registration deadline to participate in
the auction. Those not meeting the deadline will not participate in the auction. Animals going through
the auction MAY NOT be shown at the Indiana State Fair 4-H Shows.

Goat - Dairy:

Description:

YQCA certification is required for all members in order to show at the fair.

Exhibit Requirement for Dairy Goat Project:

To complete the project member must either exhibit an animal, make a poster or complete an action demonstration

All members, regardless of level, must turn in manuals reflecting activities completed

All goat manuals are to be turned in when you check your animal in at the fair. Members who do not turn in completed manuals do not exhibit at the fair.

At each level, 4-H members exhibit one or more animals

Dairy Goat members must send goats to be tagged on the county date (if you plan to exhibit at the State Fair). All members must complete/turn in the state enrollment form, by/before the deadline, to participate in the dairy goat project and exhibit project animals at the 4-H Fair.

*See also livestock regulations, in the front of this handbook.

All members, regardless of level, must turn in manuals reflecting activities completed.

No health certificates will be needed for 4-H animals; but premise ID numbers are required.

State Fair Entries:

Indiana State Fair – State entry must be in by May 15th. If 4-H member wishes to enter, contact the Extension Office for details before May 1.

Exhibit Guidelines:

Beginning - Level 1   GETTING YOUR GOAT   (Grades 3-5)
--Complete at least seven (7) activities (including those required) in the Goat Achievement Program Level 1 manual each project year. When at least 21 of the activities are completed within three years and
you have reached grade 6, you are ready for the Level 2 manual.
--Participate in a minimum of three (3) of the learning experiences listed on the Planning Guide, page 3, each year.

Intermediate - Level 2   STEPPING OUT   (Grades 6-8)
--Complete at least seven (7) activities (including those required) in the Goat Achievement Program Level 2 manual each project year. When at least 21 of the activities are completed within three years and you have reached grade 9, you are ready for the Level 3 manual.
--Participate in a minimum of five (5) of the learning experiences listed on the Planning Guide, page 3, each year.

Advanced - Level 3   SHOWING THE WAY   (Grades 9-12)
--Complete at least seven (7) activities (including those required) in the Goat Achievement Program Level 3 manual each project year. Complete at least 21 of the activities within three years.
--Participate in a minimum of five (5) of the learning experiences listed on the Planning Guide, page 3, each year.

Members with animal exhibits MUST feed, water, bed and care for their exhibit. Pens, stalls, and exhibit areas will be inspected daily.

No animal that has knowingly been tranquilized will be eligible to be used in a showmanship contest.

All 4-H members having an animal in the livestock auction will be charged a $20.00 auction fee. Members are to register with the livestock superintendent by the registration deadline to participate in the auction. Those not meeting the deadline will not participate in the auction. Animals going through the auction MAY NOT be shown at the Indiana State Fair 4-H Shows.

Classes: Members may exhibit in no more than three classes. No horned animals.
- Junior Kids: Born on or after April 1, current year.
- Senior Kids: Born January 1-March 31, current year
- Junior Yearlings: Under 1 year and born before January 1 of the current year.
- Senior Yearlings: One year and under two years, dry.
- Doe: 1 year and under 2 years
- Doe: 2 years and under 3 years
- Doe: 3 years and under 5
- Dairy Goat Wethers:
    - Dairy Goat Wethers will include dairy breeds and crosses exhibiting dairy characteristics
    - Dairy Goat Wethers must be under 1 year of age
    - Dairy Goat Wethers will be shown by weight with classes sorted after weigh-in

As part of the national scrapie (a neurological disorder) eradication program, goats are required to have USDA plastic ID tags unless they are:
- Registered goats that have a tattoo (in their ear or under their tail) as long as the animal is accompanied by an original registration certificate and a health paper
- Tattooed with the Indiana prefix "IN" preceding their tattoo number

Goat owners in both of the above situations must notify the Board of Animal Health to obtain a flock or herd ID number.

Goat - Pygmy:

Description:

YQCA certification is required for all members in order to show at the fair.

Exhibit Requirement for Pygmy Goat Project:

To complete the project member must either exhibit an animal, make a poster or complete an action demonstration

All members, regardless of level, must turn in manuals reflecting activities completed

All goat manuals are to be turned in when you check your animal in at the fair. Members who do not turn in completed manuals do not exhibit at the fair.

Pygmy goats must be in member's possession by May 15. Exhibit one or more of the animals fed and cared for by the 4-H member. Pygmy goats will be exhibited as Exotic Animals.

At each level, 4-H members exhibit one or more animals

Pygmy goat members must send pygmy goats to be tagged (if you plan to exhibit at the State Fair) on county date. All members must complete/turn in the state enrollment form to participate in the pygmy goat project and exhibit project animals at the 4-H. Fair. See also livestock regulations, in the front of this handbook.

*See also livestock regulations, in the front of this handbook.

All members, regardless of level, must turn in manuals reflecting activities completed.

No health certificates will be needed for 4-H animals; but premise ID numbers are required.

State Fair Entries:

Indiana State Fair – State entry must be in by May 15th. If 4-H member wishes to enter, contact the Extension Office for details before May 1.

Exhibit Guidelines:

Beginning - Level 1   JUST BROWSING   (Grades 3-5)
--Complete at least seven (7) activities (including those required) in the Meat Goat
Achievement Program Level 1 manual each project year. When at least 21 of
the activities are completed within three years and you have reached grade 6,
you are ready for the Level 2 manual.
--Participate in a minimum of three (3) of the learning experiences listed on the
Planning Guide, page 3, each year.

Intermediate - Level 2   GROWING WITH MEAT GOATS   (Grades 6-8)
--Complete at least seven (7) activities (including those required) in the Meat Goat Achievement
Program Level 2 manual each project year. When at least 21 of the activities are completed within
three years and you have reached grade 9, you are ready for the Level 3 manual.
--Participate in a minimum of five (5) of the learning experiences listed on the Planning Guide,
page 3, each year.

Advanced - Level 3 MEATING THE FUTURE (Grade 9-12)
  --Complete at least seven (7) activities (including those required) in the Meat Goat Achievement
  Program Level 3 manual each project year. Complete at least 21 of the activities within three
  years.
  --Participate in a minimum of five (5) of the learning experiences listed on the Planning Guide,
  page 3, each year.

Members with animal exhibits MUST feed, water, bed and care for their exhibit. Pens, stalls, and exhibit
areas will be inspected daily.

No animal that has knowingly been tranquilized will be eligible to be used in a showmanship contest.

All 4-H members having an animal in the livestock auction will be charged a $20.00 auction fee.
Members are to register with the livestock superintendent by the registration deadline to participate in
the auction. Those not meeting the deadline will not participate in the auction. Animals going through
the auction MAY NOT be shown at the Indiana State Fair 4-H Shows.

PYGMY GOAT CLASSES:
- Junior Kids: Born on or after April 1, current year
- Senior Kids: Born before April 1 and under one year of age
- Junior Yearlings: Under 1 year and born before January 1 current year
- Senior Yearlings: Over one year and two years of age
- Doe: Over two years and under three years of age
- Doe: Three years and older
- Dam/Daughter Class
- Wether Class: Broke by weight of the animal

As part of the national scrapie (a neurological disorder) eradication program, goats are required to have
USDA plastic ID tags unless they are:
- Registered goats that have a tattoo (in their ear or under their tail) as long as the animal is
  accompanied by an original registration certificate and a health paper
- Tattooed with the Indiana prefix "IN" preceding their tattoo number

Goat owners in both of the above situations must notify the Board of Animal Health to obtain a flock or
herd ID number.

Project Title: Hay

Description:

To use hay test information to balance rations for your livestock. Samples will be taken to determine nutrient values.

State Fair Entries: **County project only.

Exhibit Guidelines:

A judge is not to discredit an exhibit for the way references are listed.

Judges evaluating exhibits should recognize individual differences and creativity, therefore using information in this document as a guide rather than a requirement.

- Have your soil test done of the fields where your hay crop will be grown to determine fertility needs.
- Select a suitable variety of grass or legume for your soil conditions.
- Prepare the soil for seeding or planting.
- Select appropriate time for planting or seeding your crop.
- Be sure to harvest your hay at its proper maturity to insure the best quality crop.
- Dry and bale hay in a timely manner to maintain high quality.
- Store your baled hay in a dry, well-ventilated location.
- Samples will be taken of your baled hay (5-6 bales) to determine nutrient values. This sampling is done approximately a month before the 4-H Fair, and you will be notified of the scheduled date.
- Use hay test information to balance rations for your livestock.
- Exhibit a sample of your hay at the 4-H Fair.

Exhibit Class Guidelines:

Samples will be taken of your baled hay (5-6 bales) to determine nutrient values. This sampling is done approximately a month before the 4-H Fair, and you will be notified of the scheduled date.

Exhibit a sample of your hay at the 4-H Fair.

Project Title: Health

Description:

The 4-H Health project is designed for youth interested in basic first aid and healthy well-being, as well as those interested in pursuing a medical profession career.

State Fair Entries:

3 exhibits per county; one per level.

Exhibit Guidelines:

Artificial Intelligence (AI) may be used, with parent permission, when creating this exhibit and is to be documented as a reference. A majority of the work to create this exhibit is to be the 4-H member's original work. 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 way references are listed.

Posters are to be 22"x28" and displayed horizontally and placed in a clear plastic sleeve or covered with clear plastic to protect contents. Display boards should be designed to sit on a table using no more than 36" of tabletop space. The poster must be mounted on a firm backing to add stiffness to the exhibit, for example: a foam core project. Space should be left in the lower right hand corner to place an exhibit tag provided by Purdue Extension staff.

Judges evaluating exhibits should recognize individual differences and creativity, therefore using information in this document as a guide rather than a requirement.

Exhibit Class Guidelines:

Beginner (grades 3-5 suggested)

Create an educational poster, notebook or display about any manual activity or on any health topic of choice that is age/grade appropriate. Another option is to create a family first aid kit, emergency kit, an emergency kit to take on a hiking, biking, skiing or similar trip, or another similar kit.

Intermediate (grades 6-8 suggested)

Create an educational poster, notebook or display about any manual activity or on any health topic of choice that is age/grade appropriate. Another option is to create a personal nutrition kit to use when doing physical activity like chores, working out at the gym, hiking, biking, skiing, or another similar kit.

Advanced (grades 9-12 suggested)

Create an educational poster, notebook or display about any manual activity or on any health topic of choice that is age/grade appropriate. Another option is to create an activity or guide to help yourself or others become more aware of financial wellness, mental health, disease prevention, or other similar topic that promotes healthy habits. Youth can also design and complete an independent study activity.

Project Title: Home Environment

Description:

Youth will apply the principles of design to home design and decoration as well as learn about care of home furnishings.

State Fair Entries:

6 per county; two per level.

Exhibit Guidelines:

Artificial Intelligence (AI) may be used, with parent permission, when creating this exhibit and is to be documented as a reference. A majority of the work to create this exhibit is to be the 4-H member's original work. 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 way references are listed.

Posters are to be 22"x28" and displayed horizontally and placed in a clear plastic sleeve or covered with clear plastic to protect contents. Display boards should be designed to sit on a table using no more than 36" of tabletop space. The poster must be mounted on a firm backing to add stiffness to the exhibit, for example: a foam core project. Space should be left in the lower right hand corner to place an exhibit tag provided by Purdue Extension staff.

Judges evaluating exhibits should recognize individual differences and creativity, therefore using information in this document as a guide rather than a requirement.

Exhibit Class Guidelines:

Beginner (grades 3-5 suggested)

Choose one of the following options:

- Furniture Item and Notebook – create a wall hanging, storage organizer, a set of 3-5 accessory items or something similar for the home or similar activity.
- Design Board and Notebook – color a line drawing from your manual and create three color schemes, color a line drawing from your manual and demonstrate dominant and supportive color, or display a line drawing showing where furniture would be placed in the room or similar activity.
- Portfolio – Collect different color schemes, magazines showing different furniture designs, or magazines/photographs of formal vs informal balance, dominant and supportive colors, etc. or similar activity.

Intermediate (grades 6-8 suggested)

Choose one of the following options:

- Furniture Item and Notebook – refinish or repurpose a piece or set of furniture, storage unit, or display a collection of 3-5 similar home accessory items, or similar activity.

- Design Board and Notebook – create a line drawing for a room in your home showing furniture layout, accessory items and fixtures or similar activity.
- Portfolio – display a sample of three different types of wall treatment with explanation of each, three different floor treatments with explanation of each, an energy plan for your home, or similar activity.

Advanced (grades 9-12 suggested)

Choose one of the following options:

- Furniture Item and Notebook – refinish or repurpose a piece or set of furniture, storage unit, or display a collection of 3-5 similar home accessory items, or similar activity.
- Design Board and Notebook – display a floor plan for any room of your house or the whole house or apartment, or similar activity.
- Portfolio –display a sample of three different lighting or window treatments with an explanation of each, interview an interior designer and prepare a report, a home energy saving proposal plan, or similar activity.

Exhibit 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.

Horse & Pony:

Description:

All horse and pony manuals are to be turned in when you check in your animal at the fair.

Project workshop/clinic attendance recommended

State Fair Entries:

State Horse and Pony Requirements:

- For Indiana horses - no health certificate is required.
- For out of state horses - a negative Equine infectious Anemia test is required within 12 month of exhibition.
- The same animal may be co-enrolled by brothers/sisters on separate forms. Ownership of horse/pony is established the first time the animal is exhibited after May 15th. The ownership of the animal cannot change from the first time it is shown after May 15th, until the conclusion of the 4-H show at the State Fair.
- 4-H Horse and Pony members must submit a color photograph of their animal(s), showing its face and all four feet. Photograph must be labeled with horse's name and name of 4-Her. Photograph must be attached to member's state enrollment form to be eligible for State Fair.
- Measurements recorded on official enrollment from must be taken by certified measuring individuals; your horse and pony club leaders will identify these people. All animals must be shown at the height indicated on the enrollment from (i.e. shod or unshod).
- No third grade members may show 4-H horses at the Indiana State Fair.
- No county qualifying will be needed for a 4-H member to show at State Fair shows.

Exhibit Guidelines:

Beginning - Level 1 HORSING AROUND (Grades 3-5)
--Complete at least seven (7) activities (including those required) in the Level 1 manual of the Horse Achievement Program each project year. When at least 21 of the activities are completed within three years and you have reached grade 6, you advance to Level 2.
--Participate in a minimum of three (3) of the learning experiences listed on the Planning Guide, page 3, each year.

Intermediate - Level 2 GALLOPING AHEAD (Grades 6-8)
--Complete at least seven (7) activities (including those required) in the Level 2 manual of the Horse Achievement Programs each project year. When at least 21 of the activities are completed within three years and you have reached grade 9, you advance to Level 3.
--Participate in a minimum of five (5) of the learning experiences listed on the Planning Guide, page 3,each year.

Advanced - Level 3 BLAZING THE WAY   (Grades 9-12)
--Complete at least seven (7) activities (including those required) in the Level 3 manual of the Horse Achievement Program each project year. At least 20 of the activities must be completed within three years.

--Participate in a minimum of five (5) of the learning experiences listed on the Planning Guide, page 3, each year.

Members with animal exhibits MUST feed, water, bed and care for their exhibit. Pens, stalls, and exhibit areas will be inspected daily.

No animal that has knowingly been tranquilized will be eligible to be used in a showmanship contest.

County Horse and Pony Requirements:
1. Exhibitor at county fair must show in either halter or showmanship class. Member may show same horse in as many classes as desired. No animal that has been tranquilized may be used in competition.
2. To be eligible to show at the county fair all horses must be registered and identified by the state enrollment forms by May 15 (even if the 4-H member has no intention of going on to the State Fair.) County 4-H club leader has authority to require an earlier enrollment date. Substitution may be made in case of injury, sickness or death of pre- registered animal with vet's signature and leaders' approval.
3. No stallions except for weanlings.
4. Two horse maximum per exhibitor unless a nursing foal with mare. Consult 4-H Extension Educator for more guidelines.
5. **All animals must be sound and healthy—any questions regarding this subject to leaders' opinion.**
6. January 1 will be considered the birthday of all animals.
7. All stalls will be assigned by the leaders prior to the show and the exhibitors must use assigned stalls. A stall deposit of $25.00 per stall, payable by check, will be due on date of stall assignments. Stall must be stripped clean and approved by 4-H Leader. Deposit checked will be returned following inspection of stall, if it is cleaned satisfactorily.
8. Animals are not to be ridden except in assigned areas. Violators will be subject to dismissal.
9. Any animal exhibited must be shown and owned by the contestant or owned by contestants'

parents, brothers or sisters, grandparents, aunt, uncles, or legal guardians. (Exception being leased animals only with approval of the leaders.)

10. Lease forms must be filled out and approved by the leaders by May 15 and in the Extension Office by this date.
11. Decisions of the judges and leaders will be final.
12. All inappropriate actions on and off the horses are subject to disciplinary actions by the leaders. Failure to comply could result in dismissal.
13. Approved helmet and boots must be worn by exhibitors while on the horse. Spurs are optional. Boots are recommended when working with horses.
14. Pony class is considered to be those animals 56" and under.
15. No electric fans to be brought into the horse barn by 4-H members.
16. Parents are allowed to help 4-H members in the Mare & Foal class at the county level.
17. Horses should be brought to the fairgrounds no later than Friday of the fair at 1:00 PM and then dismissed the same time as the livestock. Changes in check-in time will be subject to the leaders' approval. Members must feed, water, bed, and care for their horses the entire fair. Horses not cared for will be expelled and an incomplete will be given for the project.
18. All members are expected to give a demonstration.
19. Members should attend 50% (2 out of 4) of the meetings. All members must attend at least 3 meetings to be checked out on safety equipment and for updates on current horse and pony safety rules.
20. All rules of the 4-H Horse and Pony Handbook apply.
21. No halters are allowed on horses in stalls while animals are unattended.
22. Nylon hay bags must be tied to top rail of stall.
23. Exhibitors must wear complete and appropriate attire on day of state classes (examples: Western or English) unless given an exception by judge or leaders.
24. Horseless horsemen are members of the club who complete the project without a horse. Requirements are the same as all other members regarding manuals, number of meetings, and green books. To complete the project an exhibit poster will be required at the time of the fair. Subject of posters shall be pre-approved by the leaders. Posters should follow the guidelines found in the 4-H Handbook, page 8.
25. HERDSMAN AWARDS: Herdsman awards provide recognition for 4-H members who demonstrate leadership and positive attitudes. Selection of Herdsmen will be based in part, but not entirely, on: Stall Appearance, Feed and Water Clean and Available to Animal when Appropriate, Animal Appearance, 4-H'ers Willingness to Help Others, and Attitude of 4-H Member (Getting Along with Members/Adults and Knowledge of Animals.) Herdsman Awards will be presented at the awards program after the 4-H Fair.
26. Members enrolled in horse and livestock projects are expected to help with set-up day prior to the 4-H Fair and with clean-up day at the conclusion of the fair. ALL horse members will pay, to the designated 4-H leader, a stall deposit of $25 by check which will be refunded if the member helps with clean-up prior to leaving the fairgrounds. (Any stall deposits not refunded will be added to fairgrounds building maintenance fund).
27. All 4-H club exhibits will be released from the grounds on Monday after 7:00 PM. Exhibits must be checked out before leaving the 4-H Fair. All horses will be released On Monday, one hour after livestock auction.
28. Exhibitors at County Fair will submit immunization records no later than May 15th to the club leader. Those failing to submit timely immunization records may not be eligible to exhibit at the county fair.

Please Note: The purpose of the lease program is to allow a 4-Her who does not have a horse to participate in the Horse & Pony project. The lease program is not for 4-H members who have a horse.

Project Title: Junior Leaders

Description:

The Junior Leader project allows 4-H members in grades 7-12 the opportunity to provide their Adult 4-H Volunteers with additional assistance in their 4-H Clubs and related activities while serving as mentors and role models to the younger 4-H members by sharing their experiences with them. Many counties offer county-wide opportunities for Jr. Leaders to meet and serve the community.

State Fair Entries:

No state fair entries.

Exhibit Guidelines:

Junior leaders develop skills in the areas of civic engagement, leadership, entrepreneurship and more through a variety of hands-on experiences throughout the year.

Exhibit Class Guidelines:

Contact your county 4-H youth development educator to learn more about your county's Junior Leaders project.

Spencer County 4-H Mini Projects:

Mini 4-H Abraham Lincoln Explore the history and characteristics of Abraham Lincoln through several different project suggestions. County project only.

Mini 4-H Bugs- Complete an activity in the Mini 4-H Bug's Workbook such as "Spot the Ladybug" or "Make a Shape Bug"

4-H Cake Decorating Chose the appropriate activity from the Mini Handbook based on your grade level.

4-H Collections Collect and exhibit 5 items or 5 pairs of items. If you take a collection to the fair more than one year, add 5 more articles to your collection each year.

Mini 4-H Crafts Pick a craft you would like to make and carefully read the directions. Make sure you have all the materials and ask an adult or teenager for help. Kindergarten through second grade students can chose from splatter painting, beaded necklace, decoupage, hand print, drawing, craft kits, dress the clown, seed picture, gift bag, your creative craft, and mounting your picture.

Mini 4-H Dinosaurs- Make a fossil cast. Use something that will make a fossil that might have been around 200 million years ago. Find four pictures of dinosaurs. Answer these questions for each picture. You can use the dinosaurs in this book. Put the pictures and information in a self-made notebook.
Name of dinosaur, weight of dinosaur, size of dinosaur and type of dinosaur. Make a poster that shows how big dinosaur were. Draw pictures of yourself, your house, your school, and your favorite dinosaur.

Mini 4-H Farm Animals Write a story about your favorite farm animal. Make a poster showing the different things that farm animals make for us. (example: hamburgers, wool, eggs, etc.) Make a poster showing the different kinds of farm animals. You use the pictures in Activity 1. Talk to a farmer. Ask him questions about working on a farm, the farm animals he raises, and the feed that he uses. You can ask him your own questions. Write a story about the farmer. Write or rewrite your favorite fairy tale using farm animals.

Mini 4-H Foods Everyone can have fun in the kitchen. Learn about measuring, nutrition, making easy recipes and kitchen safety.

Mini 4-H Garden Learn how plants grow. Plant seeds or small plants in a garden or in a pot, inside or outside, and watch them grow and make vegetables.

Mini 4-H Horse & Pony Animals can be a lot of work to have, but very rewarding. Follow the grade level requirements to show your knowledge of caring for a horse.

Mini 4-H Space Learning about space.

Mini 4-H Trees Explore different types of

trees

Mini 4-H: Pets

Mini 4-H Mini Aerospace Learning about science and rockets.

Mini 4-H Models Models are a great way to build things! Learn about models and different ways of making models.

Mini 4-H More Bugs Complete an activity in the Mini 4-H More Bugs Workbook such as "Teamwork Gets More Done" or "Weave Your Own Web"

Mini 4-HPhotographyFollow the exhibit and mounting instructions in the Mini 4-H Handbook. Mini 4- Her will exhibit between 3-5 photos.

Mini 4-H Plants & Flowers Learn about plants and their special needs. Do great experiments with plants. You will also learn about different kinds of flowers.

Mini 4-H Robotics Get a kit offered by the Extension Office (a different one is available each year in this project). Read and follow instructions carefully. Exhibit your Robot at the 4-H Fair

Mini 4-H Sewing Learn the basic skills needed for sewing. Begin putting together the equipment needed for doing easy home sewing and repair work. A sewing machine is not needed for this project.

Mini 4-H Wildlife Do you ever wonder about the animals that live in the woods and open areas around your home or community? The world of wildlife beckons you! Learn about wild animals and birds that live around you.

Mini 4-H Woodworking Do you like to work with wood, hammer, nails and glue? In this project you will purchase a simple kit to make a bird house, feeder, or other wood project, or make your own from scratch. Your bird house or feeder needs to be ready to hang, or mount on a post. No pre-finished, pre- painted, pre-assembled, or pre-varnished kits.

Project Title:
Lawn and Garden Tractor Safety and Operator Skills

Description: The 4-H lawn and garden tractor and equipment program develops principles of engine operation, hydraulic systems, electrical systems, safe operation skills.

State Fair Entries: 4 educational exhibits per county; one per level 3 junior and 3 senior driving contestants will qualify at the county level to compete at the area level contest. 3 junior and 3 senior driving contestants will qualify at the area level to compete at the state contest.

Exhibit Guidelines: Artificial Intelligence (AI) may be used, with parent permission, when creating this exhibit and is to be documented as a reference. A majority of the work to create this exhibit is to be the 4-H member's original work.

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 way references are listed.

Posters are to be 22"x28" and displayed horizontally and placed in a clear plastic sleeve or covered with clear plastic to protect contents. Display boards should be designed to sit on a table using no more than 36" of tabletop space. The poster must be mounted on a firm backing to add stiffness to the exhibit, for example: a foam core board & have a protective sleeve. Space should be left in the lower right hand corner to place an exhibit tag provided by Purdue Extension staff.

Youth may exhibit in the operator skills option, educational exhibit option or both. Youth choosing to exhibit in the lawn and garden tractor, tractor, or zero-turn mower operator skills driving option must select one, but may be enrolled in all three projects.

Judges evaluating exhibits should recognize individual differences and creativity, therefore using information in this document as a guide rather than a requirement.

Exhibit Class Guidelines:

Educational Exhibit Option

Level A (grades 3-4 suggested)

Create an educational poster, notebook or display about any manual activity or on any lawn and garden tractor safety, maintenance, operating system or operation topic of choice that is age/grade

Level B (grades 5-6 suggested)

Create an educational poster, notebook or display about any manual activity or on any lawn and garden tractor safety, maintenance, operating system or operation topic of choice that is age/grade appropriate.

Level C (grades 7-9 suggested) Create an educational poster, notebook or display about any manual activity or on any lawn and garden tractor safety, maintenance, operating system or operation topic of choice that is age/grade appropriate.

Level D (grades 10-12 suggested) Create an educational poster, notebook or display about any manual activity or on any lawn and garden tractor safety, maintenance, operating system or operation topic of choice that is age/grade appropriate. Youth can also design and complete an independent study activity.

Operator Skills Option The operator skills component is an educational and training activity conducted by adult 4-H volunteers. A parent or guardian is encouraged to be present when their child is operating a lawn and garden tractor. The adult 4-H volunteer has the authority to deny a child the opportunity to participate in the operator skills option when it is deemed a child is unable to safely operate a lawn and garden tractor due to size, weight, or any other reason that could place the child and/or others in harm.

Junior (grades 3-7 suggested) Youth will demonstrate their operation skills by driving a lawn and garden tractor through an obstacle course as outlined in 4-H 84, Conducting 4-H Operator Safety Contests.

Senior (grades 8-12 suggested) Youth will demonstrate their operation skills by driving a lawn and garden tractor through an obstacle course as outlined in 4-H 84, Conducting 4-H Operator Safety Contests.

Project Title: Model Craft

Description:

Allows youth to learn life skills and grow in project knowledge while expressing creativity when building a model.

State Fair Entries:

2 entries per county as determined by the county 4-H educator and fair officials.

Exhibit Guidelines:

All arts and craft exhibits must include a [4-H Craft Information Card, 4-H 618A](#). This information card is to describe work completed so the judge can more accurately evaluate the exhibit. Craft information cards are for judging purposes only and will not be returned to the exhibitor.

If multiple pieces make up the exhibit, a photograph of the complete exhibit should be attached to the exhibit so the total exhibit can properly be displayed. For safety purposes any craft exhibit that resembles a sword, knife, or look-a-like weapon will be judged but will not be displayed.

Exhibits must be a small scale replica made of injected styrene plastics with approximately 25% of the surface painted. Wood, paper, clay die-cast, or snap together models are not permitted. Screws and pre-painted or pre-decaled factory models are not permitted. Exhibits made from building blocks (Lego) are not permitted.

If the model is being built from a kit, include a copy of the instructions with the information card. Original instructions should be kept by the exhibitor in a safe location at home.

Judges evaluating exhibits should recognize individual differences and creativity, therefore using information in this document as a guide rather than a requirement.

Exhibit Class Guidelines:

Beginner (grades 3-5 suggested)

Create and exhibit one age/grade appropriate model.

Intermediate (grades 6-8 suggested)

Create and exhibit one age/grade appropriate model.

Advanced (grades 9-12 suggested)

Create and exhibit one age/grade appropriate model.

4-H Music Project

Description:

To have fun listening to, saving or performing music or performing dance. Dance activities include guard and drill team as well as tap, clogging, line, square, ballet, ballroom and similar activities. All music activities including classroom music, private lessons, family and community activities and church music as well as others are included. Creating your own music CD or MP3 mix is also included as a possible activity.

State Fair Entries: Not a State Fair Project

Exhibit Guidelines:

We believe that when you are making music you are also learning important life skills.

You may enroll in this project for as many years as you like. Each year you enroll, add a new section to your folder on top of the previous year's work. Place the title page for each year behind the divider at the front of each section.

Age categories are: Beginner: Grades 3-5   Intermediate Grades 6-8   Advanced Grades 9-12

What to do....

OPTION 1) Participate in vocal, instrumental or dance practices and or performances.

Some of the types of music you may select are listed below however you are not limited to these.

OPTION 2) Create your own CD and/or MP3 mix, and/or attend musical performances. Please add your CD or MP3 collection to your notebook.

OPTION 3) Display a record of your music activities in a folder and include the following:

a. **Cover sheet**   Make your own cover sheet for your notebook.

b. **Music Activities Log Sheet.** (Use extra sheet copied if needed) Your log may be handwritten or computer generated and show use over time. It may also be a record kept by computer. For people that create their own music CDs or MP3s you will list your music titles here.

c. **Music Memories Sheet** listing songs and other materials attached to notebook.

- o **Music Performers:** Copies of the songs listed on the Music Memories sheet. These may include hand written or photocopied words for a variety of songs from activities you have done this year, OR a photocopy of at least 1 piece of music you have enjoyed and/or written. In this section you may also include programs of activities you have participated in or descriptions of these events if no program was published. You may also attach photos, printed programs of musical events or concerts, and/or descriptions of performances.
- o **Music Appreciation:** If you create your own music CD or MP3 mix, you may put items about the singer(s) or group(s) after the music memories sheet. This section is where you can also include lyrics for songs you saved. In this section you may have also include photos, programs or ticket stubs of concerts you have attended. You may add descriptions of concerts if no program was published. Items of interest about the performers you chose for this section, or items of interest such as where and how the song was written or the writers, or where it was first performed live or when you first heard the song.
- o **For Music Performers and Appreciation:** This section of your notebook following the Music Memories sheet with copies (or lyrics-appreciation) of songs, and any other materials chosen should contain at least 2 pages (4 sides), but no more than 10 pages (20 sides). CD or MP3 mixes created should be included and CD or MP3 song lists should be on log and music memories pages.

d. Attach a 4-H exhibit tag in the lower right corner of the front of the folder.

Some music types available:

Pop	Rap	Spiritual	Musicals	Your Favorites
Country	Religious	Camp/Fun Songs	Classical	Your Own Creations
Historic	Ballads	Children's Songs	Patriotic	Regional

Project Title: Needle Craft

Description:

Allows youth to learn life skills and grow in project knowledge while expressing creativity in needle crafts.

State Fair Entries:

2 entries per county as determined by the county 4-H educator and fair officials.

Exhibit Guidelines:

All arts and craft exhibits must include a [4-H Craft Information Card, 4-H 618A](). This information card is to describe work completed so the judge can more accurately evaluate the exhibit. Craft information cards are for judging purposes only and will not be returned to the exhibitor.

Hand crafted knitting, embroidery, crocheting, needlepoint, crewel, candle wicking, chicken scratching, hand quilting, tatting, huck embroidery, and hemstitching are suggested exhibits. Entries may also include pulled, drawn and counted thread work and punch needle work. Needle craft exhibits do not include latch hook, plastic canvas, machine knitting, machine quilting, or arm knitting/crocheting.

Judges evaluating exhibits should recognize individual differences and creativity, therefore using information in this document as a guide rather than a requirement.

Exhibit Class Guidelines:

Beginner (grades 3-5 suggested)

Create and exhibit one age/grade appropriate needle craft.

Intermediate (grades 6-8 suggested)

Create and exhibit one age/grade appropriate needle craft.

Advanced (grades 9-12 suggested)

Create and exhibit one age/grade appropriate needle craft.

Project Title: Photography

Description:

This project teaches youth how to take quality photographs with a camera or digital device.

State Fair Entries:

2 beginner per county

3 intermediate per county

3 advanced per county

Exhibit Guidelines:

Artificial Intelligence (AI) may be used, with parent permission, when creating this exhibit and is to be documented as a reference. A majority of the work to create this exhibit is to be the 4-H member's original work. Posters are to be 22"x28" and displayed horizontally and placed in a clear plastic sleeve or covered with clear plastic to protect contents. The poster must be mounted on a firm backing to add stiffness to the exhibit, for example: a foam core board. Space should be left in the lower right hand corner to place an exhibit tag provided by Purdue Extension staff.

All images are to be original images taken by the 4-H member during the current program year. Captions are not recommended.

Print board exhibits are to include 10 photos mounted on a poster as described above, each no larger than 5"x7". Number each print 1-10. Prints may be a mix of digital and/or standard development. Create a title of choice for the print board exhibit. Space should be left in the lower right hand corner to place an exhibit tag provided by Purdue Extension staff.

Salon prints are to be no larger than 11"x14", mounted on a standard 16"x20" salon mount, and displayed vertically. Salon prints are to be placed in a clear plastic sleeve and captions are not recommended. Space should be left in the lower right hand corner to place an exhibit tag provided by Purdue Extension staff.

Images may be taken with a film camera, digital camera, cell phone, or other electronic device. Replacing any pixels of the original digital image is to be entered in the creative/experimental category. This includes, but not limited to, using artificial intelligence (AI), any erasing tool, healing tool, patch tool, or any tool that replaces any of the original pixels. Creative/experimental exhibits must include the original photo on the back side of the board, a description of how the image was altered, and equipment/software used to alter the image.

Editing photos such as cropping, color adjustment, and other enhancements are considered to be part of the normal photography educational learning process and are permissible. So judges can better evaluate a photography exhibit, the 4-H member is asked to attach to the back of their salon or print board exhibit the make and model of camera used and a description of any editing.

A photo that has been modified to change the original intent, meaning or story captured should be entered in the creative or experimental class. Photos exhibited as creative or experimental are to attach to the back of their exhibit the make and model of camera used, software or other tools used to

change the photo, a description of how the photo was changed, and copy of the original photo before editing.

Sepia tone photographs (mono chromatic) are to be entered as black and white photos.

Judges evaluating exhibits should recognize individual differences and creativity, therefore using information in this document as a guide rather than a requirement.

Exhibit Class Guidelines:

Beginner (grades 3-5 suggested)

Choose one or more of the following exhibits:

- Black and White Print Board
- Color Print Board
- Black and White Salon Print
- Color Salon Print
- Creative/Experimental Salon Print

Intermediate (grades 6-8 suggested)

Choose one or more of the following exhibits:

- Black and White Print Board
- Color Print Board
- Black and White Salon Print
- Color Salon Print
- Creative/Experimental Salon Print

Advanced (grades 9-12 suggested)

Choose one or more of the following exhibits:

- Black and White Print Board
- Color Print Board
- Black and White Salon Print
- Color Salon Print
- Creative/Experimental Salon Print

Poultry:

Description:

YQCA certification is required for all members in order to show at the fair.

To complete the project; members must either exhibit an animal, make a poster, or complete an action demonstration.

All members regardless of level, must turn in manuals reflecting activities completed.

All poultry manuals are to be turned in at the fair when you check in your animal(s). Members who do not turn in completed manuals may not exhibit at the fair.

There will be a limit of two exhibits per class. Contact the project superintendent or Extension Office with questions.

State Fair Entries:

1. Exhibits must be entered on the State Fair activity form (available from the County Extension Office) and the form signed by the respective Extension educator.
2. Each exhibit must be clearly labeled in the lower right hand corner with the 4-H'ers name. (Appropriate State Fair labels may be obtained from County Extension Office.)
3. Posters are to be 22" x 28" and displayed horizontal, but a 3-dimensional exhibit is preferred for poultry science projects. Poultry science displays must occupy a space no larger than 30" deep x 48" wide x 72" high & have a protective sleeve.
4. 4-H posters and poultry science projects will be on public display in the 4-H Exhibit Hall throughout the Fair.
5. All exhibits will be released from the 4-H Exhibit Hall.
6. Each county may enter one (1) junior, one (1) intermediate and one (1) senior exhibit in both posters and the poultry science project. Junior exhibit for 4-H members in the 3rd, 4th or 5th grade on January 1 of the current year. Intermediate exhibit for 4-H members in the 6th, 7th or 8th grade on January 1 of the current year. Senior exhibit for 4-H members in the 9th grade or above on January 1 of the current year.

Exhibit Guidelines:

Beginning - Level 1 SCRATCHING THE SURFACE (Grades 3-5)
--Complete at least seven (7) activities (including those required) in the Level 1 manual of the Poultry Achievement Program each project year. When at least 21 of the activities are completed within three years and you have reached grade 6, you advance to Level 2.
--Participate in a minimum of three (3) of the learning experiences listed on the Planning Guide, page 3, each year.

Intermediate - Level 2 TESTING YOUR WINGS   (Grades 6-8)
--Complete at least seven (7) activities (including those required) in the Level 2 manual of the Poultry

Achievement Program each project year. When at least 21 of the activities are completed within three years and you have reached grade 9, you advance to Level 3.

--Participate in a minimum of five (5) of the learning experiences listed on the Planning Guide, page 3, each year.

Advanced - Level 3   FLOCKING TOGETHER   (Grades 9-12)

--Complete at least seven (7) activities (including those required) in the Level 3 manual of the Poultry Achievement Program each project year. At least 20 of the activities must be completed within three years.
--Participate in a minimum of five (5) of the learning experiences listed on the Planning Guide, page 3, each year.

Members with animal exhibits MUST feed, water, bed and care for their exhibit. Pens, stalls, and exhibit areas will be inspected daily

Poultry Exhibit options are listed below. Classes will not be created for those birds falling outside of one of the below listed classes.

Poultry Exhibit Options (limit 2/class)

- Pigeons
- Turkeys
- Ducks
- Geese
- Guineas
- Exotic
- American Blass Breed
- Asiatic Class Breed
- English Class Breed
- Mediterranean Class Breed
- Continental Class Breed
- All Other Large Fowl Class Breed
- Game Class Breed
- RCCL Class Breed
- AOCCL Class Breed
- Feathered Legged Class Breed

Poultry must be tested within ninety (90) days of the fair for Pullorum-Typhoid or exhibitor must provide certification that birds originated from a National Poultry Improvement Plan (NPIP) certified Pullorum-Typhoid Clean Flock.

Poultry will be included in the livestock auction. All 4-H members having an animal in the livestock auction will be charged a **$20.00** auction fee. Members are to register with livestock superintendent before the auction deadline in order to participate in the livestock auction. Those not meeting the deadline will not participate in the auction. All poultry must be physically examined prior to check-in at fair. Poultry showing signs of lice, sickness, or disease will not be permitted to show.

Rabbits:

Description:

YQCA certification is required for all members in order to show at the fair.

--To complete the project: members must either participate in showmanship, caged exhibit, make a poster or participate in an action demonstration.

---All members, regardless of level, must turn in manuals reflecting activities completed

---All rabbit manuals are to be turned in at the fair when you check-in your animal(s). Members who do not turn in completed manuals may not exhibit at the fair.

State Fair Entries:
Exhibit Guidelines:

---At each level, 4-H members may choose any one of these options as an exhibit:

Level 1 - HOP TO IT   (grades 3-5)   (Choose one)

--Showmanship *To be presented during Rabbit Show*

--Rabbit Educational Poster w/references (follow standard 4-H poster guidelines)
--Illustrated Rabbit Talk/Action Demonstration. *To be presented during Rabbit Show* (follow time guidelines for age)
*--Exhibit one or more rabbits owned and cared for since May 15. Please limit exhibit to no more than 2 per class. *To be presented during Rabbit Show*

Level 2 - A JUMP AHEAD   (grades 6-8)   (Choose one)

--Showmanship/4-H Rabbit Ambassador *To be presented during Rabbit Show*
--Rabbit Educational Poster w/references (follow standard 4-H poster guidelines)
--Illustrated Rabbit Talk/Action Demonstration *To be presented during Rabbit Show* (follow time guidelines for age)
*--Exhibit one or more rabbits owned and cared for since May 15. Please limit exhibit to no more than 2 per class. *To be presented during Rabbit Show*

Level 3 - LEAPS AND BOUNDS (grades 9-12)   (Choose one)

--Showmanship/4-H Rabbit Ambassador *To be presented during Rabbit Show*
--Rabbit Educational Poster w/references (follow standard 4-H poster guidelines)

--Illustrated Rabbit Talk/Action Demonstration *To be presented during Rabbit Show*
                (follow time guidelines for age)

*--Exhibit one or more rabbits owned and cared since May 15. Locks are recommended for the

rabbit cages. Please limit exhibit no more than 2 per class. *To be presented during Rabbit Show*

Members with animal exhibits MUST feed, water, bed and care for their exhibit. Pens, stalls, and exhibit areas will be inspected daily.

Project workshop attendance encouraged (Possession date-May 15. 4-H rabbits must be tattooed   by June 1). Rabbit Exhibitors are expected to participate in the Rabbit Show. Consult the fair schedule for the time. See also livestock regulations in the front of this handbook.

Note: You will learn more about this project if you work with someone else. Choose an adult leader, project leader, family member or friend who can talk about ideas with you, watch your demonstrations and make learning more fun. The 4-H Rabbit Club can also be a great resource for completing these activities during their meetings, attending rabbit shows and their fieldtrips.
****
4-H MEMBERS MAY STOP RIGHT HERE AND DO NO MORE, OR....
▬▬ ▬ ▬ ▬ ▬ ▬ ▬ ▬ ▬ ▬ ▬ ▬ ▬ ▬ ▬

Rabbit project member may participate in the 4-H Rabbit Show. Rabbits must participate in the 4-H Rabbit Show to participate in the auction.

All 4-H Rabbit project members have the option of participating in the Rabbit Show. Rabbit Show will be held immediately following the judging of 4-H Rabbit exhibits.

Those participating in the Rabbit Show must use the same rabbits as those exhibited.

All rabbits participating in the 4-H Rabbit Show must be checked at the check in time listed on the fair schedule. 4-H members should designate to the project superintendent which animals are to be in the 4-H Rabbit Show.

All Divisions: Members may show in all showroom classes for the rabbit breed(s) that are part of their 4-H project, plus a meat pen, at the discretion of the 4-H Rabbit leaders.

6 CLASS	FRYER	4 CLASS
Junior Buck		Junior Buck
Junior Doe		Junior Doe
Intermediate Buck		Senior Buck
Intermediate Doe		Senior Doe
Senior Buck		

Senior Doe

MEAT PEN   (Optional Show Class for all exhibitors)
Three Fryers, same breed and same variety, 3 to 5 lbs., up to 10 weeks of age

Single fryer rabbits, 3 - 5 lbs., may be selected and shown from the member's meat pen.

Definitions of Terms:
Junior Rabbits - Under 6 months of age
Intermediate Rabbits - 6 to 8 months of age
Senior Rabbits - Over 8 months of age
6 CLASS - Breeds of rabbits with six showroom classes
GRADE RABBITS - Rabbits of mixed breed or crossbreeds
4 CLASS - Breeds of rabbits with four showroom classes

**Rabbits must in member's possession by May 15.

NOTE: At the 4-H Fair every 4-H member is responsible for providing a weighted water bowl and weighted feeding bowl for each rabbit. All members are responsible for the feeding, watering, bedding and care of their rabbits. The exhibit area will be inspected daily. Condition of pends will be taken into consideration as exhibits are judged.

**All 4-H Rabbit project members have the opportunity for additional recognition through Rabbit Royalty awards. Five Rabbit Royalty awards are given based on total points accumulated by 4-H members' ribbon placing in project manual and 4-H exhibit (any type). Additional points for Rabbit Royalty may be accumulated by attending workshops, attending and participating in rabbit project club meetings, helping at rabbit shows.

Rabbit members may participate in the 4-H Livestock Auction. Rabbits must participate in the 4-H Rabbit Show to participate in the auction.

Rabbit project members have the opportunity, but are not required, to participate in the 4-H Livestock Auction. Rabbits going through the auction may be sent to market, sold to an individual, or be taken home. If rabbit is taken home, 4-H exhibitor retains ownership of the   animal but may not show it at any other 4-H Fairs in the current year and also may not show the animal in any 4-H show at the Indiana State Fair.

All 4-H members having an animal in the livestock auction will be charged a $20 fee to help pay for livestock auctions expenses. Members must register for the auction with the superintendent of   the specie you would like to sell by 9:00 AM the day of the auction. If the deadline is missed, the member will not participate in the auction.

Committee recommendation: Meat type animals are preferred auction entries.

Spencer County 4-H Recycling Project:

Description:

The Recycling project is designed to encourage 4-H members to recycle. A recycled item is any item that is no longer used in its original form.

State Fair Entries: County project only.

Exhibit Guidelines:

A judge is not to discredit an exhibit for the way references are listed.

Space should be left in the lower right hand corner to place an exhibit tag provided by Purdue Extension staff.

Judges evaluating exhibits should recognize individual differences and creativity, therefore using information in this document as a guide rather than a requirement.

1. Use your imagination.
2. Take an object and remake it into something useful or decorative (other than what it was originally used for).
3. Attached to your exhibit –
   Name of project created
   Item or items that were recycled
   How it was assembled
4. Complete your record sheet and place into green folder.

Exhibits will be judged based on originality and creativity with consideration given to the age of the exhibitor.

Exhibit Class Guidelines:

Beginner (grades 3-5 suggested)

Intermediate (grades 6-8 suggested)

Advanced (grades 9-12 suggested)

Recycling projects can be thought of as either OLD RECYCLING or MODERN-DAY RECYCLING.

Examples might include:

- ❖ Quilts from old clothing
- ❖ Rag rugs
- ❖ Feed sack dresses
- ❖ Feed sack dish towels
- ❖ Clothing out of curtains
- ❖ Milk crate shelving
- ❖ Metal art
- ❖ Baby food jars (candle holder)
- ❖ Metal coffee can (toilet paper holder)
- ❖ Barn siding pictures frames
- ❖ Two-liter bottle bird feeders
- ❖ Old jeans (purses, bags or hats)
- ❖ Medicine cabinet (shadow box)
- ❖ Greeting cards (baskets, etc.)
- ❖ Silverware (wind chimes)
- ❖ Old farm equipment (weather vanes)

There are many ways to recycle that do not involve taking items to a recycling center. You may donate unwanted items to people or places that need them. You could have a garage sale or put items in a flea market. Sometimes you can even trade in old items when you buy new ones.

One of the most creative and fun ways to recycle is to make something old into something useful again. Normal household "trash" we throw away every day can be turned into "treasure" with a little imagination and effort.

Milk cartons and soft drink bottles make great bird feeders. Even old pie pans and a flower pot can become a bird feeder.

Add some paint, ribbon, buttons or other notions and turn that old sweatshirt or torn jacket into a work of art that you can wear.

Use those old buttons to make pins, earrings or other types of jewelry.

Scraps of wood from a building project can become wonderful or models. What a great gift for a younger brother or sister…and one you made especially for them.

Old bottles, jars, cartons and cans can become useful again as vases, pencil holders or even toy train cars. Add some imagination, paint, glue or paper, and the possibilities seem endless.

With a little creativity and some discarded odds and ends, you can help the environment by recycling and make some fun new and useful things. This type of recycling can even make a rainy day's fun.

Check around your house for items that are about be discarded. They might include but are not limited to:

newspaper	popsicle sticks	old clothing	packing peanuts	grocery sacks
magazines	clothespins	buttons	drink pouches	CD cases
egg Cartons	cardboard tubes	foam meat trays	wallpaper	puzzle pieces
aluminum foil	CDs	laundry scoops	eggshells	light bulb
film containers	strawberry boxes	pine cones	dishes	hangers
catalogs	plastic bottles	sticks	string	jar lids
rocks	fabrics	PVC pipe	coffee cans	beans/seeds
yarn	rice	plastic bags		

4-H Scrapbook Project

Description:

Each scrapbook album will have a front and back cover with pages firmly attached between covers. There are no specified album dimensions for this project. You may choose whatever size album you wish to use.

State Fair Entries: Not a State Fair Project

Exhibit Guidelines:

Each scrapbook album will have a label with 4-H Member's name, club and age on it. This label will also list the page numbers of the pages to be judged. The label listing the page numbers will indicate the ten pages the 4-H member wishes the judge to review. The page numbers need not be written on the actual album page. The member should count the first page as page 1 and proceed in numerical order. Pages judged must be front and back (1-2, 3-4, etc.) of one page. If no pages are indicated for judging. The judge will look at pages 1-10.

Each scrapbook will have 10 pages completed for judging. This would be 5 sheets front and back for a total of 10 pages. Only completed pages will be eligible for judging. This means pages with photos, memorabilia, documentation, decoration, etc. Incomplete pages or unfinished pages will not be eligible for or count toward your 10 pages total.

Photos and memorabilia must be included in each scrapbook, but not necessarily on each page (some pages may only contain photos while others may contain only memorabilia). Be sure to include variety in your pages to be judged.

Neatness counts. Exhibit clean pages with clear writing. Your handwriting is part of your heritage – use it often!

Using a variety of cropping techniques and page layouts will add interest and creativity to your album. Not everything has to be cropped or "artsy"; use a nice balance, keeping mind that the main focus is preservation and not how many stickers or fancy papers you can use on a page. Let your pictures and memorabilia be the main focus.

Keep in mind the proper placement of your photos, etc. in your album – you are telling a story, so use chronology (putting things in order of occurrence), or themes to organize your scrapbook.

Journaling is a must-without it, your photos and memorabilia will be less meaningful over time.

The scrapbook album must demonstrate a good sense of the entire project and what it means to preserve our memories.

Space should be left in the lower right hand corner to place an exhibit tag provided by Purdue Extension staff.

Judges evaluating exhibits should recognize individual differences and creativity, therefore using information in this document as a guide rather than a requirement.

Exhibit Class Guidelines:

Beginner (grades 3-5 suggested)

Label photos and memorabilia with names, dates, places, etc.

Intermediate (grades 6-8 suggested)

Do requirements for beginners plus capture your memories with captions or words recording the happenings of the photos and memorabilia.

Advanced (grades 9-12 suggested)

Do beginner and intermediate requirements plus storytelling-write your thoughts and feelings and tell a complete story or memory on each page. Not every photo has a complete story, so please choose the ones deserving of this extra effort when you are thinking of your page designs. It is OK to put several photos on a page and just use one of them to tell a story. Do label or caption the other picture on the page.

Each consecutive year that you take this project you will add 10 new pages to be judged. You may want to divide your scrapbook into years by using tabs or some other method so that each year is designated from the previous one.

Project Title: Indiana 4-H Sewing Skills and Techniques

<u>Note – Skills and techniques specific to non-wearable are being collected and will be added to this document when complete.</u>

Youth and their mentor/volunteer leader/instructor should use this chart as a guide when deciding appropriate skills to incorporate in a sewing wearable or non-wearable article, garment or outfit for exhibit. While this list is a guide, it is not meant to be an all-inclusive list and youth should demonstrate skills they are most comfortable mastering. For example, some youth in a 4th grader might feel comfortable attempting 6th grade level skills, but it is unlikely a 4th grade level exhibitor will be able to successfully master the 10th grade level skills. Exhibited items must demonstrate the minimum skill techniques from their given grade level 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 skills, but nevertheless will be evaluated for quality. Youth are encouraged to utilize a number of resources such as web sites, print material, social media, and television shows when learning sewing skills and techniques. Skills learned from these types of resources may be demonstrated provided they are age/grade appropriate.

Grade 3 – Demonstrate at least 2 of the following skills:
• Insert elastic or drawstring
• Sew and trim a crotch curve
• Machine topstitch hems
• Use a simple seam finish
• Stitch in the ditch

Grade 4 – Demonstrate at least 2 of the following skills:
• Use interfacing
 • Staystitch and understitch
• Apply a facing or binding
• Stitch curved seams
 • Trim and grade seams
• Work with fiberfill
• Machine topstitch hems

Seam finishes are recommended on all exposed seams.

Grade 5 – Demonstrate at least 3 of the following skills:

• match fabric design
• gather fabric
• insert zipper
• use a drawstring
• hand-stitch a hem • sew a simple sleeve
 • apply purchased trim or ribbons
• sew patch or inseam pockets
• use a simple lining

• do a machine blind hem
• apply machine topstitching
• do a machine topstitched hem
• sew with knit
• insert elastic
• apply facings
• sew buttons
• apply binding
 • use batting

Seam finishes are recommended on all exposed seams.

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Grade 6 – Demonstrate at least 4 of the following skills:

- make darts
- set in sleeves
- insert a lapped zipper
- hand-stitch a hem
- make buttonholes
- sew tucks or pleats
sew ruffles
- hand sew buttons
- apply trim
- sew a simple lining
- sew patch pockets
- apply bindings

- do a machine topstitched hem
- sew facings
- apply ribbings
- sew a simple collar
- do a machine blind hem
- sew with knit
- match fabric design
- use fiberfill
- apply machine appliqué • insert piping
- apply machine topstitching
- construct with a serger
- sew inseam pockets

Seam finishes are recommended on all exposed seams (except knits). Interfacing, understitching and trimming should be used when appropriate.

Grade 7 – Demonstrate at least 5 of the following skills:

- 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

- do machine quilting
- do a hand-stitched hem
- do a machine topstitched hem
- do a machine blind hem
- 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

Seam finishes are recommended on all exposed seams (except knits). Interfacing, understitching and trimming should be used when appropriate.

Grades 8, 9, 10, 11 and 12 – Demonstrate at least 6 of the following skills:

- 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 and/or batting
- add a waistband
- add patch pockets
- add front hip pockets
- match fabric design
- make shoulder pads
- apply machine embroidery
- coordination of fabric for quilted item
- 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 Page 3 of 3
- add inseam pockets
- add welt pockets
- use twin needle
- create bound edges
- hand/machine beading
- make a reversable item
- 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
- construct with a serger
- make machine buttonholes
- make bound buttonholes
- piece quilted item
- other skills not listed above

Seam finishes are recommended on all exposed seams (except knits). Interfacing, understitching and trimming should be used when appropriate.

Sheep:

Description:

YQCA certification is required for all members in order to show at the fair.

To complete the project; members must either exhibit an animal, make a poster, or complete an action demonstration.

All members, regardless of level, must exhibit manuals reflecting activities completed.

All sheep manuals are to be turned in at the 4-H fair when animals are checked in. Members who do not turn in completed manuals may not exhibit at the fair.

NO health certificates will be needed for 4-H animals; but premise id numbers are required.

State Fair Entries:

See also livestock regulations, in the front of this handbook. Indiana State Fair – State entry must be in by May 15th. If 4-H member wishes to enter, contact the Extension Office for details before May 1.

Exhibit Requirements:

Beginning - Level 1 LAMBS, RAMS, AND YOU   (Grades 3-5)

--Complete at least seven (7) activities (including those required) in the Level 1 manual of the Sheep Achievement Program each project year. When at least 21 of the activities are completed within three years and you have reached grade 6, you are ready for Level 2.
--Participate in a minimum of three (3) of the learning experiences listed on the Planning Guide, page 3, each year.

Intermediate - Level 2 SHEAR DELIGHT   (Grade 6-8)
--Complete at least seven (7) activities (including those required) in the Level 2 manual of the Sheep Achievement Program each project year. When at least 21 of the activities are completed within three years and you have reached grade 9, you are ready for Level 3.
--Participate in a minimum of five (5) of the learning experiences listed on the Planning Guide, page 3, each year.
Advanced - Level 3 LEADING THE FLOCK   (Grade 9 and above)
--Complete at least seven (7) activities (including those required) in the Level 3 manual of the Sheep Achievement Program each project year. At least 21 of the activities must be completed

within three years.
--Participate in a minimum of five (5) of the learning experiences listed on the Planning Guide, page 3, each year.

The same animal may be co-enrolled by brothers/sisters; however; ownership is established the first time the animal is exhibited after May 15ᵗʰ, until the conclusion of the 4-H Sheep Show at the Indiana State Fair.

4-H Sheep members must send sheep to be tagged (if you plan to exhibit at the State Fair) on county date. All sheep members must complete/turn in the state enrollment form, by/before the deadline, to participate in the sheep project and exhibit project animals at the 4-H Fair.

Classes: (Need minimum of three entries per class to have a Grand Champion)
- Market Lamb - Divided by weight. Scales on grounds.
- Ewe Lamb - Divided by breeds
- Yearling Ewe - Ewe over one year of age; divided by breed
- Hair Sheep Market Lamb   ***A lease program is available for hair sheep**
- Hair Sheep Ewe Lamb
- Hair Sheep Yearling Ewe
- Shetland ewe lamb
- Pair of Shetland ewe lambs (both animals owned by same 4-H member)
- Shetland yearling ewe lamb
- Pair of Shetland yearling ewes (both animals owned by same 4-H member)
- Shetland mature ewes
- Pen of two breeding ewes (both animals owned by same 4-H siblings)
- Fleeced wether lamb – open to any wool breed
- Fleeced wether yearlings – open to any wool breed
- Fleeced wethers mature – any wool breed

Sheep ringworm, or club lamb fungal disease, has been diagnosed in Indiana sheep as well as in several exhibitors. The animal and public health implications of this disease have initiated action by the Board of Animal Health to control its spread. This has been done in two ways:
a. Videotapes describing this disease are available through the Board of Animal Health and the State 4-H Department.
b. All wethers must be slick shorn and free of all blankets at the time of arrival at the 4-H Fair. Flocks found to be affected with ringworm will not be allowed to stay at the fairgrounds.

As part of the national scrapie (a neurological disorder) eradication program, sheep members are required to identify their animals with an official USDA approved plastic ear

tag. The USDA tag is not to be removed at any time.

Sheep producers should not sell animals or haul them from their farm without first identifying them with the USDA ear tags. Sheep members are advised not to buy sheep that do not have scrapie ear tags.

If members need USDA scrapie ear tags, they must call the Indiana Board of Animal Health (317-227-0308) to obtain a number.

Members with animal exhibits MUST feed, water, bed, and care for their animals. Pens, stalls, and exhibit area will be inspected daily.

No animal that has knowingly been tranquilized will be eligible to be used in the showmanship contest.

Animals going through the auction may be sent to market, sold to an individual, or taken home. If an animal is taken home, 4-H member retains ownership of the animal but may not show it at any other 4-H Fairs in 2007. Any animal going through auction MAY NOT be shown at the Indiana State Fair 4-H Shows.

All 4-H members having an animal in the livestock auction will be charged a **$20 fee** to help pay for livestock buyers' meal and thank you ads**.** Members must register for the auction with the superintendent of the specie you would like to sell the auction deadline. If the deadline is missed, the member will not participate in the auction.

Project Title: Shooting Sports

Description:

The 4-H shooting sports project teaches safe operation of firearms and archery equipment.

State Fair Entries:

3 per county; one per level

Exhibit Guidelines:

Artificial Intelligence (AI) may be used, with parent permission, when creating this exhibit and is to be documented as a reference. A majority of the work to create this exhibit is to be the 4-H member's original work. 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 way references are listed.

Posters are to be 22"x28" and displayed horizontally and placed in a clear plastic sleeve or covered with clear plastic to protect contents. Display boards should be designed to sit on a table using no more than 36" of tabletop space. The poster must be mounted on a firm backing to add stiffness to the exhibit, for example: a foam core board. Space should be left in the lower right hand corner to place an exhibit tag provided by Purdue Extension staff.

Live ammunition is not allowed to be exhibited (no powder or primer). Firearms or ready to shoot bows are not allowed to be exhibited. Unstrung bows are permissible.

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 item was made and its intended use. Photos are encouraged.

Some county 4-H programs offer in-person shooting instruction, depending on facilities. Disciplines include archery, rifle, shotgun, muzzleloader and pistol. In-person instruction in any of these disciplines must be led by a 4-H certified instructor. While some counties provide an option to exhibit at the county level, there is no state fair exhibit in these specific disciplines. Contact your county 4-H educator to learn about discipline opportunities in your county.

Judges evaluating exhibits should recognize individual differences and creativity, therefore using information in this document as a guide rather than a requirement.

Exhibit Class Guidelines:

Beginner (grades 3-5 suggested)

Create an educational poster, notebook or display about a shooting sports topic of choice that is age/grade appropriate.

Intermediate (grades 6-8 suggested)

Create an educational poster, notebook or display about a shooting sports topic of choice that is age/grade appropriate. Another option is to create an item to be used when developing shooting sports skills.

Advanced (grades 9-12 suggested)

Create an educational poster, notebook or display about a shooting sports topic of choice that is age/grade appropriate. Another option is to create an item to be used when developing shooting sports skills. Youth can also design and complete an independent study activity.

Project Title: Small Engine

Description:

The 4-H Small Engine project creates the education and hands-on opportunity for youth to learn all about engines.

State Fair Entries:

3 per county; one per level.

Exhibit Guidelines:

Artificial Intelligence (AI) may be used, with parent permission, when creating this exhibit and is to be documented as a reference. A majority of the work to create this exhibit is to be the 4-H member's original work. 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 way references are listed.

Posters are to be 22"x28" and displayed horizontally and placed in a clear plastic sleeve or covered with clear plastic to protect contents. Display boards should be designed to sit on a table using no more than 36" of tabletop space. The poster must be mounted on a firm backing to add stiffness to the exhibit, for example: a foam core board. Space should be left in the lower right hand corner to place an exhibit tag provided by Purdue Extension staff.

The actual small engine may be displayed if mounted on a stable base. For safety reasons, all fluids (fuel and oil) must be removed before taking the exhibit inside a building. A notebook is to accompany the engine display and include details and pictures of what was done to the engine.

Judges evaluating exhibits should recognize individual differences and creativity, therefore using information in this document as a guide rather than a requirement.

Exhibit Class Guidelines:

Beginner (grades 3-5 suggested)

Create an educational poster, notebook or display about any small engine topic of choice that is age/grade appropriate or a rebuilt small engine.

Intermediate (grades 6-8 suggested)

Create an educational poster, notebook or display about any small engine topic of choice that is age/grade appropriate or a rebuilt small engine.

Advanced (grades 9-12 suggested)

Create an educational poster, notebook or display about any small engine topic of choice that is age/grade appropriate or a rebuilt small engine. Youth can also design and complete an independent study activity.

Project Title: Soil and Water Science

Description:

The soil and water science project teaches youth about soil, water, and environmental stewardship.

State Fair Entries:

3 per county; one per level

Exhibit Guidelines:

Artificial Intelligence (AI) may be used, with parent permission, when creating this exhibit and is to be documented as a reference. A majority of the work to create this exhibit is to be the 4-H member's original work. 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 way references are listed.

Posters are to be 22"x28" and displayed horizontally and placed in a clear plastic sleeve or covered with clear plastic to protect contents. Display boards should be designed to sit on a table using no more than 36" of tabletop space. The poster must be mounted on a firm backing to add stiffness to the exhibit, for example: a foam core board. Space should be left in the lower right hand corner to place an exhibit tag provided by Purdue Extension staff.

Judges evaluating exhibits should recognize individual differences and creativity, therefore using information in this document as a guide rather than a requirement.

Exhibit Class Guidelines:

Beginner (grades 3-5 suggested)

Create an educational poster, notebook or display about any manual activity or on any soil and water topic of choice that is age/grade appropriate.

Intermediate (grades 6-8 suggested)

Create an educational poster, notebook or display about any manual activity or on any soil and water topic of choice that is age/grade appropriate.

Advanced (grades 9-12 suggested)

Create an educational poster, notebook or display about any manual activity or on any soil and water topic of choice that is age/grade appropriate. Youth can also design and complete an independent study activity.

Spencer County Leadership 4-H Project

Description:

Members are encouraged to follow personal interest and modify projects to make them age appropriate.

State Fair Entries: Not a State Fair Project

Exhibit Guidelines:

Each project exhibit **must** include one of the following: poster (22"x28", following official poster guidelines), notebook, journal, scrapbook or speech/demonstration. Exhibits may include any combination of written form, newspaper/magazine clippings, photographs and/or oral recorded.

Exhibit Class Guidelines:

Beginner (grades 3-5 suggested)

Intermediate (grades 6-8 suggested)

Advanced (grades 9-12 suggested)

Suggested Exhibits:

(Members may do as many activities as they wish, but must complete an exhibit for the fair from only one activity listed below.)

Problem Solving:

- Choose a problem that you see in Spencer County.
- Define the issue.
- Present all sides of this issue.
- Discuss solutions to the issue and be sure to identify the solution you would go with and why.

"What is a Leader?"

- How do you define a leader?
- What are some characteristics of a leader?
- Describe each characteristic and discuss.

Influential Person in Spencer County (excluding Abe Lincoln)

- What is this person accomplished?
- What has this person done to prove himself/herself as a leader?

- Personal history
- Why did you choose this person?

Planning

- Pick a community event you would like to host.
- How do you go about planning an event?
- Name the steps needed to make the event successful.
- What events have you helped with or participated in Spencer County?

Newspaper "current events"

- Gather a minimum of 15 current newspaper articles / clippings.
- Why did you choose these particular ones?
- What is significant about this article?
- Current Events, opinions, Letters to the editors, etc.

Historical site

- Choose a historical site in Spencer County.
- Why did you choose this site?
- Facts about this site.
- Include photos, pamphlets, etc.
- Why is this site significate?

4-H Leadership

- What have you done to show leadership with the 4H organization?
- Have you been an officer, Junior Leader or volunteer?
- Discuss participation with 4H.
- Discuss skills that you have learned during these activities.

Plan a Community Project

- What do you think would be a good community project?
- What sources would be needed to complete this project?
- What would have to be done physically, financially, emotionally?
- Church Programs, Habitat for Humanity, Clean-up Day, etc.

Project Title: Sportfishing

Description:

The 4-H sportfishing project teaches safe habits and youth develop an appreciation for natural resources.

State Fair Entries:

3 per county; one per level

Exhibit Guidelines:

Artificial Intelligence (AI) may be used, with parent permission, when creating this exhibit and is to be documented as a reference. A majority of the work to create this exhibit is to be the 4-H member's original work. 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 way references are listed.

Posters are to be 22"x28" and displayed horizontally and placed in a clear plastic sleeve or covered with clear plastic to protect contents. Display boards should be designed to sit on a table using no more than 36" of tabletop space. The poster must be mounted on a firm backing to add stiffness to the exhibit, for example: a foam core board.. Space should be left in the lower right hand corner to place an exhibit tag provided by Purdue Extension staff.

Judges evaluating exhibits should recognize individual differences and creativity, therefore using information in this document as a guide rather than a requirement.

Exhibit Class Guidelines:

Beginner (grades 3-5 suggested)

Create an educational poster, notebook or display about a sportfishing topic of choice that is age/grade appropriate.

Intermediate (grades 6-8 suggested)

Create an educational poster, notebook or display about a sportfishing topic of choice that is age/grade appropriate. Another option is to create an item to be used when developing sportfishing skills.

Advanced (grades 9-12 suggested)

Create an educational poster, notebook or display about a sportfishing topic of choice that is age/grade appropriate. Another option is to create an item to be used when developing sportfishing skills. Youth can also design and complete an independent study activity.

4-H Sports:

Description:

Learn the basic skills, safety rules and practice good sportsmanship.

Participation in sports is an education in itself. No other single program today can offer a growing youngster the following benefits: Physical Well-Being, Discipline, Release of Physical Energy, Competition, Loyalty and Perseverance.

State Fair Entries: County project only.

Exhibit Guidelines:

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 way references are listed.

Posters are to be 22"x28" and displayed horizontally and placed in a clear plastic sleeve or covered with clear plastic to protect contents. Display boards should be designed to sit on a table using no more than 36" of tabletop space. Space should be left in the lower right hand corner to place an exhibit tag provided by Purdue Extension staff.

Judges evaluating exhibits should recognize individual differences and creativity, therefore using information in this document as a guide rather than a requirement.

1. Choose at least one sport you enjoy.
2. Learn what the basic skills are for your particular sport.
3. Determine what skill level is for each of the basic skills: Beginner, Intermediate or Advanced.
4. Carefully complete the record sheet.
   Be honest? If you have not improved a skill to your own satisfaction, say so.
5. Include sports project record sheet in green member's folder; turn in at the fair project check in.

Exhibit Class Guidelines: *All Levels*

Beginner (grades 3-5 suggested)

Intermediate (grades 6-8 suggested)

Advanced (grades 9-12 suggested)

Exhibit one 22" x 28' poster*

Choose one of the following titles for your poster

1. "Safety Rules for (sport name)"
2. "Equipment Needed For (sport name)"
3. "Basic Skills to Develop For (sport name)"
4. "Exercise Value of (sport name)"
5. Any other single topic that relates directly to your sport (interview a sports figure).

*Choose a different exhibit each year you are in the project. You may use pictures, photographs, original art work, etc. to illustrate your poster. Label each illustration.

6. If you participate in more that one sport, choose only one for your poster exhibit.
7. Attach completed record sheet to back of poster exhibit in addition to the one in green book.
8. Select a different sport or topic each year. Some possible sports include:
   Aerobics, Badminton, Baseball, Basketball, Bowling, Camping, Canoeing, Bicycling, Cross Country, Dancing, Diving, Fencing, Football, Golf, Gymnastics, Hockey, Ice Skating, Martial Arts, Rollerblading, Roller Skating, Rugby, Running, Skiing, Skateboarding, Soccer, Softball, Swimming, Tennis, Track and Field, Trampoline, Tumbling, Volleyball, Walking or Hiking, Wrestling, etc.

Swine:

Description:

YQCA certification is required for all members in order to show at the fair.

To complete Project; Member must either exhibit an animal, make a poster or complete an action demonstration.

All members, regardless of level, must exhibit manuals reflecting activities completed.

All swine manuals are to be turned in at the 4-H Fair when you check in your animal(s). Members who do not turn in completed manuals may not exhibit at the fair.

State Fair Entries:

Indiana State Fair entry – The Indiana 4-H Swine Enrollment form must be completed as instructed on back of form. The animal must also have an 840-RFID tag issued by the Indiana Board of Animal Health.

DNA Hair samples required for State Fair entry. Contact Extension office for directions and envelopes.

Exhibit Requirements:

Beginning - Level 1 SQUEAL APPEAL   (Grades 3-5)
--Complete at least seven (7) activities (including those required) in the Level 1 manual of the Swine Achievement Program each project year. When at least 20 of the activities are completed within three years and you have reached grade 6, you are ready for Level 2.
--Participate in a minimum of three of the learning experiences listed on the Planning Guide, page 3, each year.

Intermediate - Level 2 HAMMING IT UP   (Grades 6-8)
--Complete at least seven (7) activities (including those required) in the Level 2 manual of the Swine Achievement Program each project year. When at least 20 of the activities are completed within three years and you have reached grade 9, you are ready for Level 3.
--Participate in a minimum of five of the learning experiences listed on the Planning Guide, page 3, each year.

Advanced - Level 3 GOING WHOLE HOG   (Grades 9-12)
--Complete at least seven (7) activities (including those required) in the Level 3 manual of the Swine Achievement Program each project year. At least 20 of the activities must be completed within three years.
--Participate in a minimum of five of the learning experiences listed on the Planning Guide, page 3, each year.

Exhibit Class Guidelines:

Beginner (grades 3-5 suggested)

Intermediate (grades 6-8 suggested)

Advanced (grades 9-12 suggested)

Swine members must complete/turn in the state enrollment form to participate in the swine project and exhibit project animals at the 4-H Fair.

This form requires ear notches for all project animals to be marked on the form. It will be the responsibility of the member to have ear notching done (notching must be readable). No veterinarian farm visits will be arranged by the county Extension Office.

See also livestock regulations, in the front of this handbook.

At each level, 4-H swine member are limited to exhibiting a total of four (4) animals at the 4-H fair.

Classes: Market Gilts - one or two
            Market Barrows - one or two
            Breeding Gilts - one or two (this entry may not be shown in market classes)

**Swine coming from a feeder pig auction are quarantined to the property of the original purchaser until time of slaughter and <u>may not be repurchased and exhibited by a 4-H member.</u>

Classes will be divided by weight classification, at the discretion of the superintendents. Scales will be provided at the fair. <u>All swine exhibits will be sold as market hogs immediately following their exhibition unless superintendent is notified</u>. Animal must be removed before market truck is loaded.

Hair on pigs must be a minimum of ½ inch in length. Powdering, oiling, or any dressing of hogs other than washing will not be allowed at or before the Swine Show. Exhibitors will be disqualified from showing their project animals if this rule is not followed.

NO ADDED SPRINKLERS are to be used in the hog barn by the exhibitors. The misters provided will be the only source of water used to cool the animals.

All 4-H members having an animal in the livestock auction will be charged a **$20 fee** to help pay for auction expenses**. Members must register for the auction by turning all auction cards into the office by the predetermined deadline. If the deadline is missed, the member will not participate in the auction.**

No bedding is to be used for swine pens. All waste will be washed into sewer system.

***NOTES: <u>Any hogs under 220 pounds or over 290 pounds will not be eligible for the Grand Champion drive.</u>

Project Title: Table Tennis

Description:

Table Tennis is high speed excitement at its best. Good footwork, quick reflexes and smooth swing are all fundamental to the skill that increases your fun. Few sports offer so much to beginners and experienced players alike as table tennis. No other game played indoors, in family room or basement, provides so much opportunity for healthful exercise and wholesome recreation. Table tennis is a game to learn when you're young, to enjoy the rest of your life. As in all sports, fun increases with skill, and skill depends on the knowledge of the fundamentals.

State Fair Entries: Not a State Fair project

Exhibit Guidelines:

Attend regular club meetings.

Give a talk or demonstration about table tennis.

Participate in table tennis competition during 4-H Fair

Must take another 4-H project before able to take this project.

Fill out record sheet and turn in with green record book during 4-H Fair

Judges evaluating exhibits should recognize individual differences and creativity, therefore using information in this document as a guide rather than a requirement.

Exhibit Class Guidelines:

Competition will be scheduled according to the following groups:

Level A (grades 3-4 suggested)

Level B (grades 5-6 suggested)

Level C (grades 7, 8 and 9 suggested)

Level D (grades 10, 11 and above suggested)

Fundamentals of the Game

The regulation table is 9 feet long and 5 feet wide. The upper surface is 30 inches from the floor. The table should be sturdily built, for steady and uniform support.

The net is 6 feet long, extending 6 inches beyond each side of the table, three-quarters of an inch wide outlines the table. The one-eighth-inch center line – important only in doubles play – divides the table into right and left quarters.

The play begins with the serve. The server strokes the ball in such a way that it bounces first on his side of the net, passes over the net, then bounces on his opponent's side. The ball must bounce in the receiver's court before the service complete and the receiver can attempt the return shot.

The return of service -and every shot that follows-is made by sending the ball directly back over and around the net. The ball may land anywhere in the opposite court. Here again-just as throughout the game-the ball must be permitted to bounce once, and only once, before it is returned.

If a return fails to land in your opponent's court, a point is scored by your opponent. In other works, if your return goes over the end of the table or off either side, or if it fails to clear the net, you lose a point.

Throughout the game, you can take turns serving. Each player serves until a combined total of five points is scored. It then becomes the other's turn to serve for a total of five points.

A game is completed when one of the players has scored a total of 21 points-provided he is at least 2 points ahead at the time. In other words, the game goes beyond 21 points when the score becomes tied at 20 each. This is called a deuce game and it continues until one player gains a lead of two points. During a deuce game, the serve alternates after each point.

Project Title: Tractor Safety and Operator Skills

Description:

The 4-H tractor and equipment program develops principles of engine operation, hydraulic systems, electrical systems, safe operation skills.

State Fair Entries:

4 educational exhibits per county; one per level

3 junior and 3 senior driving contestants will qualify at the county level to compete at the area level contest. 3 junior and 3 senior driving contestants will qualify at the area level to compete at the state contest.

Exhibit Guidelines:

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 way references are listed.

Posters are to be 22"x28" and displayed horizontally and placed in a clear plastic sleeve or covered with clear plastic to protect contents. Display boards should be designed to sit on a table using no more than 36" of tabletop space. The poster must be mounted on a firm backing to add stiffness to the exhibit, for example: a foam core board. Space should be left in the lower right hand corner to place an exhibit tag provided by Purdue Extension staff.

Youth may exhibit in the operator skills option, educational exhibit option or both. Youth choosing to exhibit in the lawn and garden tractor, tractor, or zero-turn mower operator skills driving option must select one, but may be enrolled in all three projects.

Judges evaluating exhibits should recognize individual differences and creativity, therefore using information in this document as a guide rather than a requirement.

Exhibit Class Guidelines:

Educational Exhibit Option

Level A (grades 3-4 suggested)

Create an educational poster, notebook or display about any manual activity or on any tractor safety, maintenance, operating system or operation topic of choice that is age/grade appropriate.

Level B (grades 5-6 suggested)

Create an educational poster, notebook or display about any manual activity or on any tractor safety, maintenance, operating system or operation topic of choice that is age/grade appropriate.

Level C (grades 7-9 suggested)

Create an educational poster, notebook or display about any manual activity or on any tractor safety, maintenance, operating system or operation topic of choice that is age/grade appropriate.

Level D (grades 10-12 suggested)

Create an educational poster, notebook or display about any manual activity or on any tractor safety, maintenance, operating system or operation topic of choice that is age/grade appropriate. Youth can also design and complete an independent study activity.

Operator Skills Option

The operator skills component is an educational and training activity conducted by adult 4-H volunteers. A parent or guardian is encouraged to be present when their child is operating a tractor. The adult 4-H volunteer has the authority to deny a child the opportunity to participate in the operator skills option when it is deemed a child is unable to safely operate a tractor due to size, weight, or any other reason that could place the child and/or others in harm.

Junior (grades 3-7 suggested)

Youth will demonstrate their operation skills by driving a tractor and wagon or trailer through an obstacle course as outlined in 4-H 84, Conducting 4-H Operator Safety Contests.

Senior (grades 8-12 suggested)

Youth will demonstrate their operation skills by driving a tractor and wagon or trailer through an obstacle course as outlined in 4-H 84, Conducting 4-H Operator Safety Contests.

Project Title: Veterinary Science

Description:

This project provides a hands-on learning experience that helps youth learn more about the Veterinary Science profession.

State Fair Entries:

3 per county; one per level.

Exhibit Guidelines:

Artificial Intelligence (AI) may be used, with parent permission, when creating this exhibit and is to be documented as a reference. A majority of the work to create this exhibit is to be the 4-H member's original work. 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 way references are listed.

Posters are to be 22"x28" and displayed horizontally and placed in a clear plastic sleeve or covered with clear plastic to protect contents. Display boards should be designed to sit on a table using no more than 36" of tabletop space. The poster must be mounted on a firm backing to add stiffness to the exhibit, for example: a foam core board. Space should be left in the lower right hand corner to place an exhibit tag provided by Purdue Extension staff.

Judges evaluating exhibits should recognize individual differences and creativity, therefore using information in this document as a guide rather than a requirement.

Exhibit Class Guidelines:

Beginner (grades 3-5 suggested)

Create an educational poster, notebook or display about any manual activity or on any veterinary science topic of choice that is age/grade appropriate.

Intermediate (grades 6-8 suggested)

Create an educational poster, notebook or display about any manual activity or on any veterinary science topic of choice that is age/grade appropriate.

Advanced (grades 9-12 suggested)

Create an educational poster, notebook or display about any manual activity or on any veterinary science topic of choice that is age/grade appropriate. Youth may also choose to develop a teaching aid, develop a project in conjunction with a veterinarian and present a report about that project and its findings, or another report of your choosing.

Project Title: Weather and Climate Science

Description:

Youth will learn information about weather and climate science.

State Fair Entries:

3 per county; one per level

Exhibit Guidelines:

Artificial Intelligence (AI) may be used, with parent permission, when creating this exhibit and is to be documented as a reference. A majority of the work to create this exhibit is to be the 4-H member's original work. 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 way references are listed.

Posters are to be 22"x28" and displayed horizontally and placed in a clear plastic sleeve or covered with clear plastic to protect contents. Display boards should be designed to sit on a table using no more than 36" of tabletop space. The poster must be mounted on a firm backing to add stiffness to the exhibit, for example: a foam core board. Space should be left in the lower right hand corner to place an exhibit tag provided by Purdue Extension staff.

Judges evaluating exhibits should recognize individual differences and creativity, therefore using information in this document as a guide rather than a requirement.

Exhibit Class Guidelines:

Beginner (grades 3-5 suggested)

Create an educational poster, notebook or display about any manual activity or on any weather and climate topic of choice that is age/grade appropriate.

Intermediate (grades 6-8 suggested)

Create an educational poster, notebook or display about any manual activity or on any weather and climate topic of choice that is age/grade appropriate.

Advanced (grades 9-12 suggested)

Create an educational poster, notebook or display about any manual activity or on any weather and climate topic of choice that is age/grade appropriate. Youth can also design and complete an independent study activity.

Project Title: Wildlife

Description:

This project helps youth learn to identify wildlife, basic wildlife needs, and how wildlife interacts with other wildlife and people.

State Fair Entries:

3 per county; one per level

Exhibit Guidelines:

Artificial Intelligence (AI) may be used, with parent permission, when creating this exhibit and is to be documented as a reference. A majority of the work to create this exhibit is to be the 4-H member's original work. 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 way references are listed.

Posters are to be 22"x28" and displayed horizontally and placed in a clear plastic sleeve or covered with clear plastic to protect contents. Display boards should be designed to sit on a table using no more than 36" of tabletop space. The poster must be mounted on a firm backing to add stiffness to the exhibit, for example: a foam core board. Space should be left in the lower right hand corner to place an exhibit tag provided by Purdue Extension staff.

Judges evaluating exhibits should recognize individual differences and creativity, therefore using information in this document as a guide rather than a requirement.

Exhibit Class Guidelines:

Beginner (grades 3-5 suggested)

Create an educational poster, notebook or display about any manual activity or on any wildlife topic of choice that is age/grade appropriate.

Intermediate (grades 6-8 suggested)

Create an educational poster, notebook or display about any manual activity or on any wildlife topic of choice that is age/grade appropriate.

Advanced (grades 9-12 suggested)

Create an educational poster, notebook or display about any manual activity or on any wildlife topic of choice that is age/grade appropriate. Youth can also design and complete an independent study activity.

Project Title: Woodworking

Description:

The 4-H woodworking project provides youth with educational information about wood and how it can be used to construct items.

State Fair Entries:

4 per county; one per level.

Exhibit Guidelines:

Artificial Intelligence (AI) may be used, with parent permission, when creating this exhibit and is to be documented as a reference. A majority of the work to create this exhibit is to be the 4-H member's original work. 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 way references are listed.

Posters are to be 22"x28" and displayed horizontally and placed in a clear plastic sleeve or covered with clear plastic to protect contents. Display boards should be designed to sit on a table using no more than 36" of tabletop space. The poster must be mounted on a firm backing to add stiffness to the exhibit, for example: a foam core board. Space should be left in the lower right hand corner to place an exhibit tag provided by Purdue Extension staff.

Judges evaluating exhibits should recognize individual differences and creativity, therefore using information in this document as a guide rather than a requirement.

Exhibit Class Guidelines:

Level 1 (grades 3-4 suggested)

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. Skills sheets are for judging purposes only and will not be returned to the exhibitor. Youth may also choose to create an educational poster, notebook or display about any manual activity or on any woodworking topic of choice that is age/grade appropriate.

Level 2 (grades 5-6 suggested)

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. Skills sheets are for judging purposes only and will not be returned to the exhibitor. Youth may also choose to create an educational poster, notebook or display about any manual activity or on any woodworking topic of choice that is age/grade appropriate.

Level 3 (grades 7-9 suggested)

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. Skills sheets are for judging purposes only and will not be returned to the exhibitor. Youth may also choose to create an educational poster, notebook or display about any manual activity or on any woodworking topic of choice that is age/grade appropriate.

Level 4 (grades 9-12 suggested)

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. Skills sheets are for judging purposes only and will not be returned to the exhibitor. Youth may also choose to create an educational poster, notebook or display about any manual activity or on any woodworking topic of choice that is age/grade appropriate.

Project Title: Zero-Turn Mower Safety and Operator Skills

Description:

The 4-H zero-turn mower and equipment program develops principles of engine operation, hydraulic systems, electrical systems, safe operation skills.

State Fair Entries: 4 educational exhibits per county; one per level

3 junior and 3 senior driving contestants will qualify at the county level to compete at the area level contest.
3 junior and 3 senior driving contestants will qualify at the area level to compete at the state contest.

Exhibit Guidelines:

Artificial Intelligence (AI) may be used, with parent permission, when creating this exhibit and is to be documented as a reference. A majority of the work to create this exhibit is to be the 4-H member's original work. 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 way references are listed.

Posters are to be 22"x28" and displayed horizontally and placed in a clear plastic sleeve or covered with clear plastic to protect contents. Display boards should be designed to sit on a table using no more than 36" of tabletop space. The poster must be mounted on a firm backing to add stiffness to the exhibit, for example: a foam core board. Space should be left in the lower right hand corner to place an exhibit tag provided by Purdue Extension staff.

Youth may exhibit in the operator skills option, educational exhibit option or both. Youth choosing to exhibit in the lawn and garden tractor, tractor, or zero-turn mower operator skills driving option must select one, but may be enrolled in all three projects.

Judges evaluating exhibits should recognize individual differences and creativity, therefore using information in this document as a guide rather than a requirement.

Exhibit Class Guidelines:

Educational Exhibit Option Level A (grades 3-4 suggested) Create an educational poster, notebook or display about any manual activity or on any zero-turn mower safety, maintenance, operating system or operation topic of choice that is age/grade appropriate.

Level B (grades 5-6 suggested) Create an educational poster, notebook or display about any manual activity or on any zero-turn mower safety, maintenance, operating system or operation topic of choice that is age/grade appropriate.

Level C (grades 7-9 suggested) Create an educational poster, notebook or display about any manual activity or on any zero-turn mower safety, maintenance, operating system or operation topic of choice

that is age/grade appropriate.

Level D (grades 10-12 suggested) Create an educational poster, notebook or display about any manual activity or on any zero-turn mower safety, maintenance, operating system or operation topic of choice that is age/grade appropriate. Youth can also design and complete an independent study activity.

Operator Skills Option The operator skills component is an educational and training activity conducted by adult 4-H volunteers. A parent or guardian is encouraged to be present when their child is operating a zero-turn mower. The adult 4-H volunteer has the authority to deny a child the opportunity to participate in the operator skills option when it is deemed a child is unable to safely operate a zero-turn mower due to size, weight, or any other reason that could place the child and/or others in harm.

Junior (grades 3-7 suggested) Youth will demonstrate their operation skills by driving a zero-turn mower through an obstacle course as outlined in 4-H 84, Conducting 4-H Operator Safety Contests**.**

Senior (grades 8-12 suggested) Youth will demonstrate their operation skills by driving a zero-turn mower through an obstacle course as outlined in 4-H 84, Conducting 4-H Operator Safety Contests.