

Clay County 4-H



MINI 4-H PROGRAM

WEATHER PROJECT MANUAL

Clay County Cooperative Extension Service
Mini 4-H Program
6656 N State Road 59
Brazil, IN 47834
(812) 448-9041

PROJECT EXHIBIT TAG
Mini 4-H Weather

Name: _____

Age: _____

Welcome to "MINI 4-H". If you're reading this, you've probably signed up for the Weather project, We're glad to have you.



*When the wind is in the north,
The skillful fisher goes not forth;
When the wind is in the east,
Tis good for neither man nor beast
When the wind is in the south,
It blows the flies in the fish's mouth;
But when the wind is in the west,
There it is the very best.*

WHAT YOU WILL EXHIBIT AT THE FAIR

You will exhibit a poster 11"x14" on which you will draw or color a picture of the weather outside that you observe one day.

Don't forget to cover your poster with clear plastic and mount it on a stiff backing. Also, attach your record sheet to the back of your poster.



What is weather?

The Earth is surrounded by a life-giving layer of air called the atmosphere. It changes from hour to hour and from day to day. Weather is what is happening in the atmosphere.

It may be hot and dry or cold and damp, calm and sunny or windy and raining. Our world would be cold and frozen without warmth from the Sun.

Weather is like a huge machine driven by the mighty furnace we call the Sun.

WEATHER TERMS

Here are a few weather terms, listed below, that might interest you. If you want you may (you do not have to) put any of these terms on your poster if they go with it. You may also use any other terms in this manual or that are not in this manual.

Temperature - how hot or cold it is outside.

Rain - precipitation that falls from the sky in the form of water.

Snow - precipitation that falls from the sky in the form of frozen water.

Sleet - precipitation that falls from the sky in the mixture of rain and snow.

Hail - precipitation that falls from the sky in the form of small balls or lumps that are layers of ice and compact snow.

Hurricanes - tropical cyclone with high winds.

Tornados - violent, destructive whirlwind, in a funnel-shaped cloud

Lightning - flash of light that is a discharge of electricity from either one cloud to another or cloud to earth.

Thunder - loud sound that follows a flash of lightning.

Drought - lack of precipitation for an extended amount of time.



OBSERVING THE WEATHER

For your poster here are a few hints to help you along on your project.

1. Pick out the place that you are going to watch the weather and draw it on your poster.
2. On the day that you pick to observe the weather, observe what happens for the entire day.
3. Then sketch a picture of what you saw that day on another piece of paper before you put it on your poster.
4. Now, Draw your picture on your posterboard and color it in.
5. Put on your exhibit tag and attach your record sheet.
6. Your project is now complete. Good job!

WEATHER TIDBITS

Some people think that the weather can be foretold by certain animals, vegetables, or minerals. So, here are a few things to look for to see if these "sayings" hold true.

TOADS

If toads come out of their holes in great numbers, it will rain soon.

CUCKOOS

When the cuckoos sing in the sunny sky, all the roads will soon be dry.

SQUIRRELS

When a squirrel eats nuts in a tree, weather as warm as warm can be.

ROPES

Ropes are more difficult to untwist before bad weather.

DOORS

Doors and windows are harder to open and shut in damp weather.

LOCUSTS

The locust sings when it is to be hot and clear.

SPIDERS

When spiders work at their webs in the morning, expect a fair day.

FISH

When fish hook well, and when they are hard to haul up, it is a sign of wind.

BIRDS

Birds on a telephone wire indicate the coming of rain.

HENS

When hens run about acting frightened, a windstorm is coming

MINI 4-H
CHECK SHEET

Did You Check?



 1. Is your exhibit tag on correctly?

(lower right hand corner of your poster)

 2. Are your records complete?

(must attach to the back of your poster)

 3. Is your work neat, clean, and your very best?

 4. Are you pleased with what you have completed?



WEATHER RECORD SHEET MINI 4-H PROGRAM



Name _____

Grade _____

Address _____

Please answer the following questions. Attach this completed record sheet to your project. See you at the fair!!!

1. How many days did you observe the weather? _____ And what changes did you notice _____

2. What new weather terms did you learn by doing this project? _____

3. Of the little "sayings" on how to foretell the weather, which of these did you find to be true? _____

4. Did you enjoy this project? _____

Parent's signature: _____ Date: _____