

Mini 4-H Bugs Project

Warren County



Name: _____

Club: _____

Mini Bugs Project Instructions

You may need an adult helper for projects and activities.

Project Options: (Pick One)

- ⇒ Bug Scrapbook
- ⇒ Camouflage Critters
- ⇒ Bug Net

Directions are in this manual.



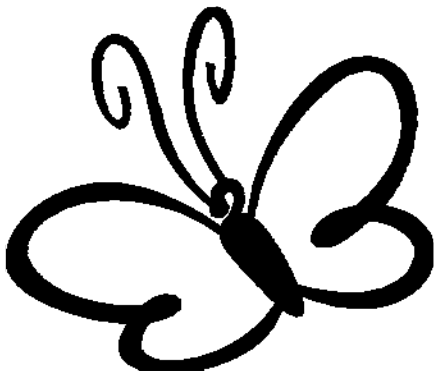
Complete TWO of the following activities in this manual:

- ⇒ Insect or Not?
- ⇒ Insect Trivia
- ⇒ Friend or Foe?

Bring all of the following to the Mini 4-H Check-in at the fair:

(Check Green 4-H Handbook and Newsletters for date and time)

- ⇒ Your Project
- ⇒ Your Completed Activities
- ⇒ Your Completed Record Sheet



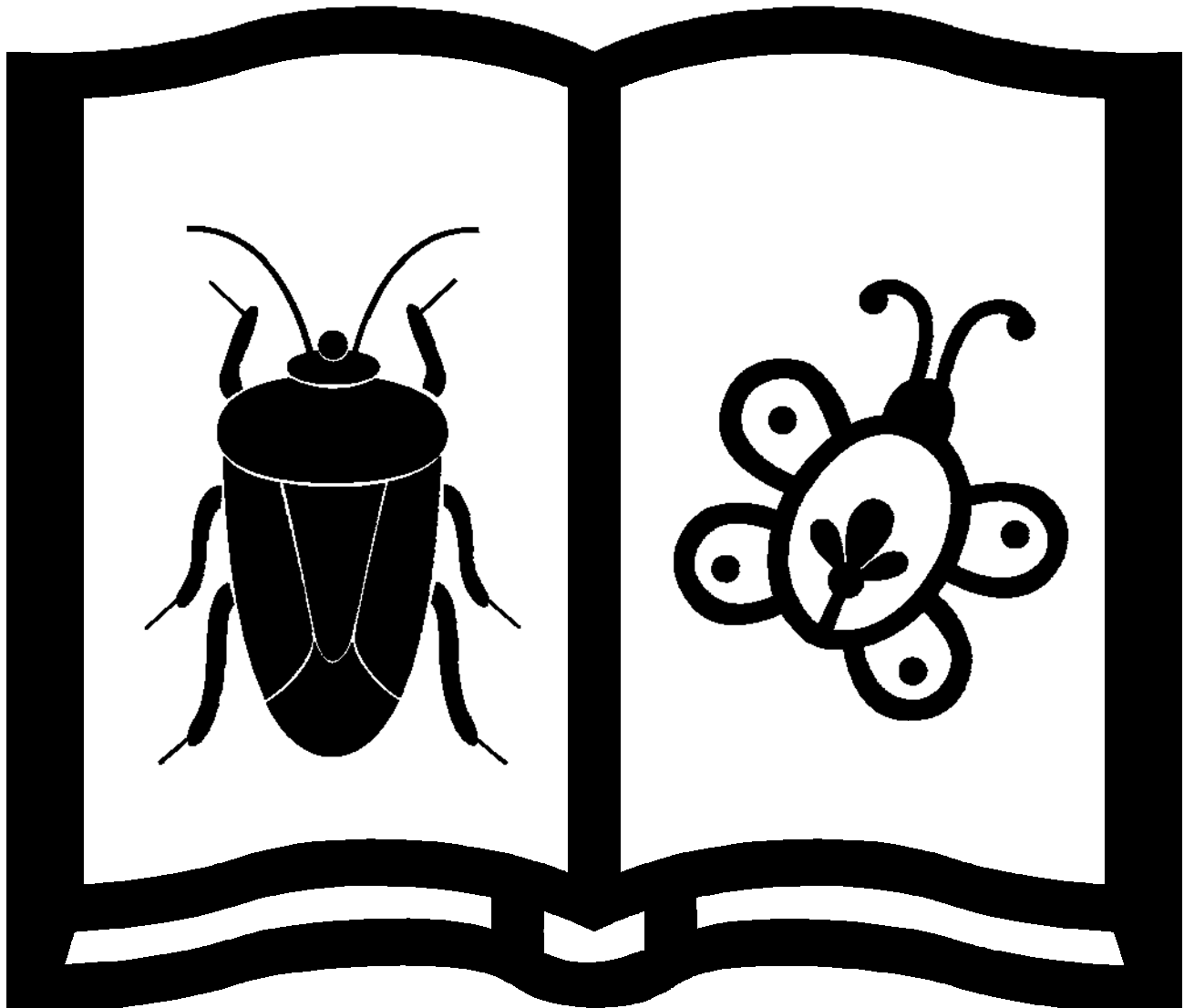
Have fun learning all about bugs!

If you enjoyed this project, you should consider taking the Entomology (the study of insects) project next year when you start 4-H!

Project Option #1: Bug Scrapbook

There are many different kinds of bugs and insects. Bugs are everywhere and play an important role in the lives of all living things.

- ◆ Find pictures or draw 8 different bugs and/or insects.
- ◆ Glue or tape each picture to a different piece of construction paper.
- ◆ Write the name of the bug on the paper.
- ◆ Design a cover.
- ◆ Staple the pages together or punch holes in the pages and tie them together with yarn.
- ◆ Get a project card from your Club Leader or the Extension Office and place it in the bottom right hand corner of your project.



Project Option #3: Camouflage Critters

For this project, you will be learning about insect body parts. Insects have three body parts, six legs and two antennae. An insect's body is symmetrical, which means both the left and right sides of their body match.

When you go outside, there are insects all around you that you may not see because they blend in with their surroundings to protect them from being eaten or caught. This is called camouflage.

Make a camouflage insect out of an egg carton.

- ◆ Pick what environment your insect should live.

* Example:

Is it a water bug?

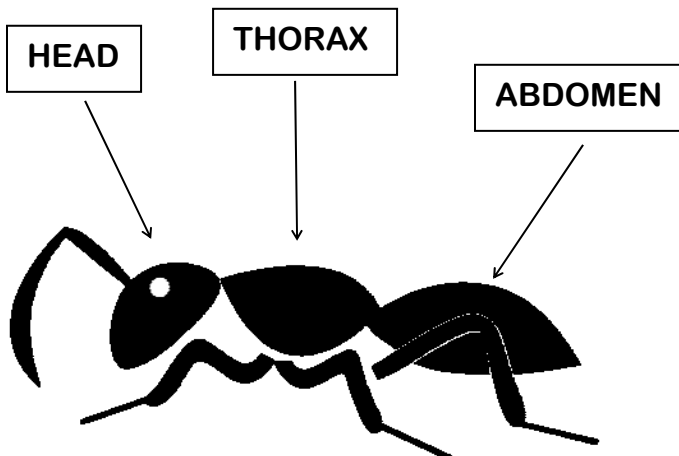
Or is it found in the woods?

Is it happier at the beach?

Or is there somewhere else that it lives?

- ◆ Your insects should have three body parts, six legs and a pair of antennae
- ◆ Color your insect so that it blends in with where it lives
- ◆ If you would like, you can add wings

Get a project card from your Club Leader or from the Extension Office and attach it to the bottom right hand corner of your project.



The three body parts
of an insect are:

The Head

The Thorax

The Abdomen

Project Option #2: Bug Net

There are many ways to catch bugs. A net is one of the best ways. You can make your own net. Ask an adult to help you and follow the steps below.

You will need:

Pillowcase
Coat hanger
Broom handle or dowel rod
Duct tape



1. Place a hole in the outside layer of the opening on the side of the top of the pillowcase. (The area with the seam.)
2. Slide the wire into the hole and around the casing so that the pillowcase will stand open.
3. Leave about 4 inches of wire sticking out of the pillowcase on both sides. Attach the ends of the wire to the broomstick or dowel rod by laying the two ends of the wire along the broomstick or dowel rod and taping them down with duct tape.

Get a project card from your Club Leader or the Extension Office and attach it to the bottom right hand corner of your project.

Mini Bugs 4-H Activities

Select Two

1. Insect or Not?

There are many bugs, but not all bugs are insects. Insects have three body parts, six legs and two antennae and may have one or two pairs of wings. An insect's body is symmetrical, meaning both the left and right side of the body match. If they do not follow these guidelines, then they are not insects. On the inserted *Insect or Not* activity sheet, circle those bugs that are insects.

2. Insect Trivia

Find out facts about two insects and record what you discovered on the paper.

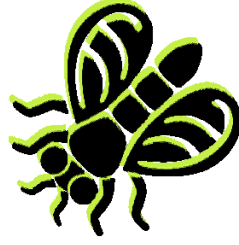
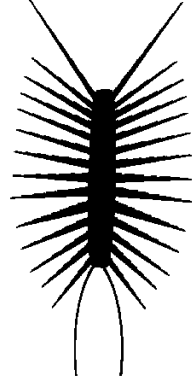
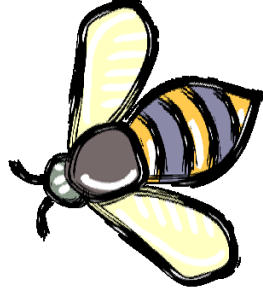
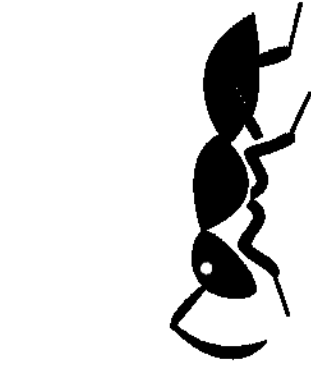
3. Bug Word Search

Find all of the bugs listed in the word bank. Circle the word once you have found it in the word search and mark it off in the word bank. Words may be going forward, backwards, diagonally, up or down.

INSECT OR NOT?

Mini 4-H Bug Activity

Circle the INSECTS below. Beware of imposters!



Insect Trivia

Mini 4-H Insect Activity

Select two insects of your choice and answer the questions about each one.
In the top box draw a picture or find a picture of the insect and glue it there with the name.

Insect #1

Where do I live?

What do I eat?

Do I migrate?

Who tries to eat me?

How do I protect myself?

Can I fly?

One other fun fact about me!

Insect #2

Where do I live?

What do I eat?

Do I migrate?

Who tries to eat me?

How do I protect myself?

Can I fly?

One other fun fact about me.

Bug Word Search

L A D Y B U G A R O J U Y
S G T S E E B E L B M U B
L R B E D L U G R E R X O
A A W C R I C K E T F P F
I S Y D A M F V E M K L D
E S A B G R I B L W A S P
L H F T O A C T T Z N T I
C O Y R N B W E E F T D F
Q P H E F L Y R E R L T K
D P G T L C U T B F S E W
L E H Q Y N I G S V D B A
B R N L B U T T E R F L Y

WORD BANK

LADYBUG

BUMBLEBEE

DRAGON FLY

GRASSHOPPER

FLY

CRICKET

TERMITE

ANT

BEETLE

BUTTERFLY

WASP

FLEA

Mini Bugs Project Record Sheet

Name: _____

Club: _____ Grade: _____

School: _____ Township: _____

Which one of the three project choices did you choose?

How much did your project cost? _____

How many hours did it take to complete your project? _____

What did you learn while working on your project? _____

What did you learn from the activities? _____

Did you enjoy the Mini 4-H Program? _____

Do you have any suggestions for the Mini 4-H Program? _____

Acknowledgement of Completion: _____

Parent Signature