

Mini 4-H

Bugs Project

Warren County



Name: _____

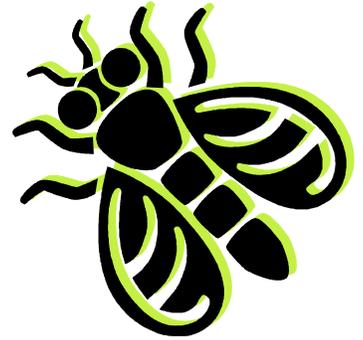
Club: _____

Mini Bugs Project Instructions

You may need an adult helper for projects and activities

Project Options: (Pick One)

- Bug Scrapbook
- Camouflage Critters
- Bug Net

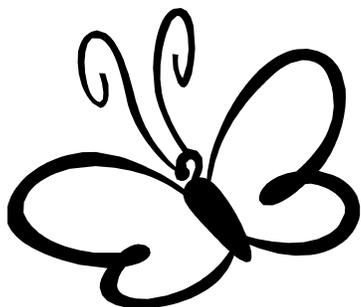


Complete TWO of the following activities:

- Insect or Not?
- Insect Trivia - Internet Activity
- 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!

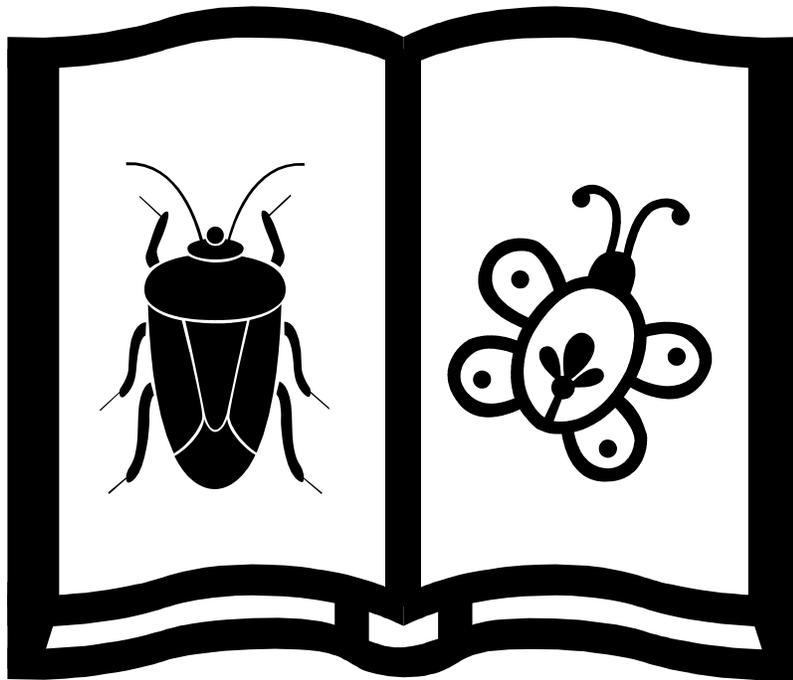
If you enjoyed this project, then you should consider taking the Entomology (the study of insects) Project when you enter 4-H next year!

Many of these projects and activities have been taken from The Junior Master Gardener Program, Texas A&M University

Directions for the Bug Scrapbook Project

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

- Find pictures of 8 different bugs.
- 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.



Directions for Camouflage Critters Project

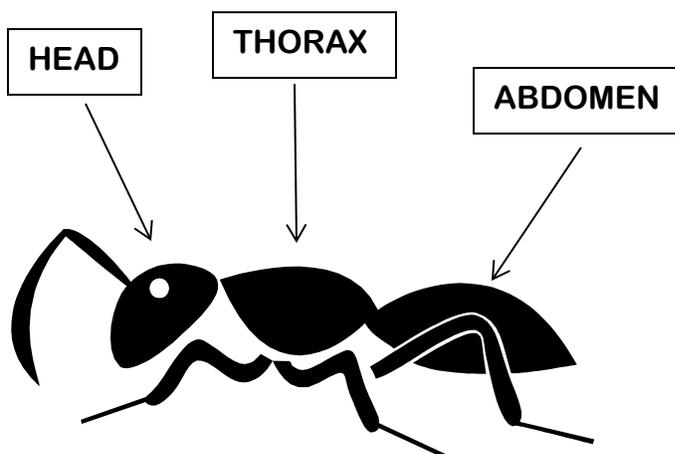
For this project we will be learning about insect body parts. Insects have three body parts, six legs and two antennae. An insect's body is symmetrical, which means both the left and right sides of their body match.

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 caught or eaten. This is called camouflage.

Make a camouflage insect out of an egg carton.

- **Pick what environment your insect should be in.**
 - **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

Directions for bug net project

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:

Pillow case

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 pillow case. (The area with the seam)
2. Slide the wire into the hole and around the casing so that the pillow case will stand open.
3. Leave about 4 inches of wire sticking out of the pillow case 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 (internet activity)

In this activity you will need access to the internet. Ask an adult to supervise your use of the internet. As you do this activity you will need to answer the questions on the inserted *Insect Trivia* activity sheet.

Go to the website: www.jmgkids.us

First click on: > Kids Zone

Second: > Level one

Third: > Chapter 4- Insects and diseases

Then: > Insect Trivia

Select one of the insect offered. Answer the questions and record the correct answers on the sheet. Then select the other insect and complete it.

3. Bug Word Search

Find all of the bugs 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.

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: _____

1. Which one of the three project choices did you choose?

2. How much did your project cost? _____

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

4. What did you learn while working on your project? _____

5. What did you learn from the activities? _____

6. Did you enjoy the Mini 4-H Program? _____

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

Acknowledgement of Completion: _____

Parent Signature