



ENTOMOLOGY MEMBER GUIDE AND ANNUAL REPORT

Welcome to the 4-H Entomology Project! The purpose of this Entomology Member Guide and Annual Report is to help you journey through the Entomology Project. This guide will:

- Identify how to set goals and begin your project
- Identify 4-H learning opportunities
- Identify the 4-H recognition system
- Provide you with an annual summary for your Kansas 4-H Entomology Project

EXAMPLES OF GOALS OR THINGS TO LEARN

- Level I
 - To identify eight parts of an insect
 - How to pin an insect
 - How to make a pitfall trap
- Level II
 - Where to find insects
 - Who needs an entomologist
 - How to make a bug separator
- Level III
 - How to use the scientific method
 - How to identify insect mouth parts
 - How to make a spider web display

At the bottom of this page is a note to your parents/guardian so they can help you with your entomology project.

LEARNING OPPORTUNITIES IN 4-H

- Attending project meetings, workshops, or field trips.
- Learning to keep records of your progress.
- Giving presentations at club meetings, county 4-H Days, state fair, school, or civic groups.
- Exhibiting at local, county, or state shows and fairs.

4-H RECOGNITION SYSTEM

4-H's recognition system is diverse and provides many learning opportunities through:

- Participation: attending meetings, helping others at project meetings, Show and Share at state fair.
- Progress towards goals: meeting the deadlines set on your MAP Sheet (page 2).
- Standards of excellence: meeting a high percentage of learning goals for each project level.
- Peer competition: judging contests, exhibiting at fairs.
- Team/cooperative efforts: community service activities.

NOTE TO PARENTS/GUARDIANS:

If your youth does not have a group leader, check with your local K-State Research and Extension office to see if your youth can participate in a neighboring club. If this is not available, you will need to act as the leader or helper. The local office has access to entomology materials.

This record form is supplemental to the 4-H Cooperative Curriculum System (4HCCS) Entomology materials. 4HCCS provides only three levels of entomology materials, so it is recommended to use Unit I – Creepy Crawlies – for 7- to 11-year-old youth.

Insert all member manuals, handouts, and activity sheets in the 4-H Record Book after this Member Guide Annual Report. List costs, hours spent, etc., on the journal page created in MAP Step 8.

HOW TO SET GOALS AND BEGIN YOUR ENTOMOLOGY PROJECT USING THE MEMBER ACHIEVEMENT PLAN — MAP

This is your **Member Achievement Plan — MAP**. This plan will help you begin to decide what goals, deadlines, and energizers you want to use for the upcoming year.

MAP STEP 1

Identify as goals three things you would like to learn this year. Your leader will give you a list that might help you think about what you want to learn in the entomology project.

Goal 1: _____

Goal 2: _____

Goal 3: _____

MAP STEP 2

After you identify each goal, break it into steps. List three to five steps for each of your goals.

Steps for Goal 1:	MAP STEP 3 Deadline	MAP STEP 4 Energizer	MAP STEP 5 Date Completed
1st _____	_____	_____	_____
2nd _____	_____	_____	_____
3rd _____	_____	_____	_____
4th _____	_____	_____	_____
5th _____	_____	_____	_____

MAP STEP 3

Now that you've put Goal 1 into steps, go back and put a deadline next to each step. The deadline shows when you plan to complete the step. Every step should have a different deadline or date.

MAP STEP 4

Sometimes goals are hard to stick to because it takes a long time to see results. So as you complete a step and meet a deadline, you need to give yourself a boost. Let's call this boost an energizer or reinforcer. An energizer can be anything that you like and enjoy: going to a movie with a friend, talking on the phone, listening to a CD, taking your dog for a walk, eating a healthy snack, playing ball, etc.

What are other things you might use as energizers? List them here: _____

Now, place one energizer for each step under the column marked "Energizer."

MAP STEP 5

When you've finished a step in your goal, write the date in the column marked "Date Completed."

MAP STEP 6

Now that you've identified your steps, deadlines, and energizers, do the same for Goals 2 and 3.

Steps for Goal 2:	MAP STEP 3 Deadline	MAP STEP 4 Energizer	MAP STEP 5 Date Completed
1st _____	_____	_____	_____
2nd _____	_____	_____	_____
3rd _____	_____	_____	_____
4th _____	_____	_____	_____
5th _____	_____	_____	_____

Steps for Goal 3:	MAP STEP 3 Deadline	MAP STEP 4 Energizer	MAP STEP 5 Date Completed
1st _____	_____	_____	_____
2nd _____	_____	_____	_____
3rd _____	_____	_____	_____
4th _____	_____	_____	_____
5th _____	_____	_____	_____

MAP STEP 7

Your goals, steps, deadlines, and energizers are written. It's time to share with one of your project members. When we talk to others about our goals, it helps us get a better idea of what we are going to do. Sometimes talking will help us get a better idea, so don't worry about changing any part of your MAP if you want to. After you've explained your goal to a project friend, ask him/her and your Project Leader to sign below.

Project Friend's Signature _____ Date _____

Project Leader's Signature _____ Date _____

MAP STEP 8

Keep a journal of everything you do in the project to help you remember these experiences. (Create a page with these headings and add it to this record.)

Example:

Date	What you did, learned, how you felt, costs, time spent, etc.
Nov. 5	Attended a project meeting; learned basic parts of a bug.
Dec. 6	Spent two hours making a collecting net for flying insects.

MAP STEP 9

You have spent a whole year on your project. You should have learned many new things. Take some time to think back and review your journal (MAP STEP 8). Write one or two main things you have learned about entomology. What is something you have learned about yourself while studying insects? (Add a page if you need more space.)

KANSAS 4-H ENTOMOLOGY SUMMARY

Year _____

Name of Project _____ Level _____ Years in Project _____

Name _____ Age _____ Years in 4-H _____

Club _____ County _____

Collection of insects:

How many identified specimens did you add to your collection this year? _____

Total specimens in collection _____

How many orders did you add to your collection this year? _____

Total Orders in collection _____

What equipment have you made?

Date started

Date Completed

Collection net _____

Killing jar _____

Collection box _____

Spreading board _____

List **project meetings**, workshops, field trips, camps, exhibitions, etc., attended. Give place and date.

Event	Place	Date
_____	_____	_____
_____	_____	_____

List **presentations** given about this project. Include title, date, and place.

Type of presentation	Title of presentation	Place	Date
_____	_____	_____	_____
_____	_____	_____	_____

List entomology **leadership** you provided during the year. List what you did, when, and with whom.

Leadership	Date	Who
_____	_____	_____
_____	_____	_____

Judging contests/clinics participated in. List name of event, place, and date.

Event	Date	Place
_____	_____	_____
_____	_____	_____

Exhibits shown. List number of exhibits, place exhibited, and awards received.

Number	Type	Place	Awards
_____	_____	_____	_____
_____	_____	_____	_____