

Life Science Insect Collection

The project in Life Science is an insect collection. **The project will be completed each nine-weeks in class with me.** Insect collections count as a 100-point test grade of the fourth 9-weeks. The project will also count as 3 lab grades therefore, **students will need to collect, asphyxiate, and pin insects between the head and thorax and store in an air tight container until needed for in class lab.** Students will be **required to provide the Styrofoam and cardboard coke flat.** We will begin working on the collection the first nine-week grading period so one-third will be due at the beginning of the second and third nine-weeks, and the final project due on Friday of the 2nd week of the fourth grading period at the beginning of the student's Life Science Class.

Requirements:

- Cards pinned under the insect – This means, a pin through the insect and the two cards with the following information.
 - Top card – common name and scientific name underlined or italics
 - Bottom card – who caught it, location caught, and date caught
 - Cards should be exactly ½ inch top to bottom and ¾ inch wide. Information may be typed in size 6 font or a size that will fit.
- Arrangement of insects
 - Must be in order of the list provided left to right
 - Major deduction given for incorrect order
 - Missing insect – pin with a card indicating where the missing insect should be
 - Arranged neatly on Styrofoam
 - Attractive box. Please no bought or wooden boxes; only cardboard. Cola flats are perfect.
 - Box covered neatly and tightly with clear wrap
- Name on inside of box in the bottom right corner
- Major deductions
 - Work done by parents (labels, pinning, box preparation, insect identification).
Note: Parents are not to type labels, pin the insects, prepare the boxes or identify the insects. This is a learning process designed to help the student follow instructions, research, classify, and organize.
 - Not in correct order
 - Damaged insects
 - Sloppy boxes
 - Not following directions
 - Living insects - After collecting the insects, you must kill them. Place the insect in an air tight container with a cotton ball damp with alcohol or finger nail polish remover.

- Not pinned correctly – Pin the insect quickly after it has been killed and is still pliable. Place the pin between the wings or at the top of the thorax. Adjust the insect to straighten appendages, etc.
- Insects (in order). These are the only insects needed. No extra credit for others. **Note:** All insect collections will be disposed of. None will be returned.
 - Beetles (6 different)
 - Weevil
 - Mosquito
 - Flies (2)
 - Stink bug
 - True bugs (3)
 - Cicada
 - Ants (2 different)
 - Termite
 - Moth
 - Dragonfly
 - Grasshopper
 - Roach
 - Praying Mantis
 - Walking Stick
 - Cricket (2 different)
 - Katydid