

Name \_\_\_\_\_

Subject \_\_\_\_\_

Date \_\_\_\_\_

## Georgia Insect Foldable

### Objectives:

1. Identify the main characteristics of an insect native to Georgia
2. Explain how the insect is adapted to obtain food
3. Describe the specific type of metamorphosis of the insect
4. Depict the morphology of the insect through sketches

### Procedure

1. Fold the paper in half "hamburger style."
2. **Front Panel:**
  - The title should include Common Name and scientific name (Genus species).
  - Draw the insect using the Bug Drawing Book or Google images of diagrams of your specific insect.
  - Create a 3 panel Foldable by making 2 cuts on the top half just up to the fold crease.
  - Each panel should have one of the 3 body sections of the insect: the head, thorax, and abdomen.
  - The diagram must label all structures including: antennae, simple eye/compound eye, head, mouth, wings, thorax, abdomen, legs
3. **Inside** of the foldable should include information:
  - Brief description of insect species
  - Most striking identifiable feature/s
  - Type of metamorphosis (gradual or complete) use a graphic!
  - Type of eater
  - What it eats
  - Plus any 3 of the following topics:
    - Georgia habitat (and season most visible?)
    - Any type of self-defense?
    - Statistics on population numbers?
    - Ecological importance?
    - Interesting facts?

6. **Back Panel:** Name, Subject, Date

*\*Deduct 5 points for each day the project is late.*

### Material Guidelines

- Paper selection can consist of watercolor paper, construction paper, or card stock paper.
- Use puffy paint, watercolors, color pencils, crayons, and/ or markers for full color of insect diagram.
- Use your *creativity and* HAVE FUN!

Foldable Criteria	Points
<b>Front Panel (C)</b> <ul style="list-style-type: none"> <li>○ Head</li> <li>○ Antennae</li> <li>○ Mouth</li> <li>○ Eye</li> </ul>	10
<b>Front Panel (B)</b> <ul style="list-style-type: none"> <li>○ TITLE:</li> <li>○ common name and scientific name</li> <li>○ Thorax</li> <li>○ Wings (if necessary)</li> <li>○ Legs</li> </ul>	10
<b>Front Panel (A)</b> <ul style="list-style-type: none"> <li>○ Abdomen</li> </ul>	10
<b>Inside Panels:</b> <ul style="list-style-type: none"> <li>○ Brief description of insect species</li> <li>○ Most striking identifiable feature/s</li> <li>○ Type of metamorphosis (gradual or complete)- use a graphic!</li> <li>○ Type of eater</li> <li>○ What it eats</li> <li>○ <u>Plus any 3 of the following topics:</u></li> <li>○ Georgia habitat (and season most visible?)</li> <li>○ Any type of self-defense?</li> <li>○ Statistics on population numbers?</li> <li>○ Ecological importance?</li> <li>○ Interesting facts?</li> </ul>	30
<b>Back Panel:</b> <ul style="list-style-type: none"> <li>○ MS Heading</li> <li>○ Resources</li> <li>○ Example- <a href="http://insectidentification.org">insectidentification.org</a></li> </ul>	10
<b>Overall:</b> <ul style="list-style-type: none"> <li>○ Completeness</li> <li>○ Legibility</li> <li>○ Accuracy</li> <li>○ Requirements</li> <li>○ Grammar</li> </ul> <p>Definitions are complete, drawings are appropriate representation and labeled correctly, writing is legible, picture is neat, followed directions, color is added and pictures show detail, no grammatical errors or mechanical mistakes</p>	20
<b>TOTAL</b>	