

# FORENSIC ENTOMOLOGY PROJECT



## Quick Facts

- Major Grade
- 12x12 inch cardstock booklet
- All graphics and text are to be done by hand (no printing allowed)
- Due date =**

Common name of assigned insect =

\_\_\_\_\_

Species Name =

\_\_\_\_\_

For example the Clown Beetle (common name) is formally known as *Saprinus pennsylvanicus* (species name)

For this project you will create an “album” style booklet similar to examples you have been shown in class. The front of the album will have hand drawn artwork featuring your insect. I want this part to be fun and you are allowed to be as creative as you want so long as:

1. Your insect is featured in some way
2. The art is school appropriate



I suggest getting a large piece of cardstock, cutting out the size you need for the booklet and folding it in half as discussed in class

**Checkpoint #1 date =**

Bring your cardstock and supplies to get started, e.g. colored pencils, rulers, markers

**Checkpoint #2 and #3** will be random checks on your progress and work ethic, be sure you are using class time to work and refine your project or you will see a reduction in your grade

## **What Goes On Your Project? - ALL PICTURES AND TEXT BY HAND**

**Front Cover:** Hand drawn cover that features a drawing of your insect

- Inside Booklet:**
1. Common/Species name of assigned insect
  2. Diagram of the life cycle of your insect
  3. How is your insect used in forensics?
  4. Where geographically is your insect found?
  5. Three “fun facts” about your insect
  6. A section that gives a detailed explanation of the developing field of entomotoxicology (define this term and research its use)

Detailed Grading Rubric on Back



Activity	Below Standard D/F	Developing C	Accomplished B	Exemplary A
<b>Checkpoints</b> (work ethic, use of class time)	Student did not meet any checkpoints and/or had significant work ethic issues	Student missed 2 checkpoint and/or had some work ethic issues	Student missed 1 checkpoint and/or had minor work ethic issues	Student met all checkpoints, student's work ethic was outstanding and used all given class time for project
<b>Life Cycle Diagram, Insect Name, and Location Insect is Found</b>  *Reminder, all sections are to be done by hand	Life cycle was missing completely and/or no name listed, no location	Life cycle is on project but without color or labels or has significant errors and/or other sections missing	Life cycle is on project with color and labels but does not go "above and beyond" or a section has minor flaws	Life cycle is drawn with color, labels, and is exceptional in appearance and neatness, insect name and location are listed correctly
<b>Research on insect's forensics importance and three additional "fun facts"</b>	Little or no research done on insect's use in forensics, missing sections from criteria	Minimal research was done and and/or has missing criteria	Research was done but was missing some depth/detail and/or problems with citations	Excellent, thoughtful research was clearly done with proper citations
<b>Front Cover and overall design</b> (to get top marks here you must have exceptional detail and neatness: e.g. clean lines, no smudges,) All sections are clearly labeled and organized	Front cover and booklet has large amounts of unused space, it is clear that very little effort and time was spent, or insect not shown	Front cover and booklet has some amounts of unused space and/or it is clear that little effort and time was spent on refining aesthetics and/or insect not shown	Front cover and booklet shows assigned insect and it is clear time and effort was spent on the aesthetics and additional graphics but there may be smudges or minor aesthetic problems or empty space	Front cover and booklet are exceptionally creative and neat, e.g. <b>no smudges, no bends or tears, improperly glued items, clean lines, shows insect, and goes above and beyond with time and effort and additional relevant graphics throughout project</b>
<b>Entomotoxicology Section</b> (define this field of research and summarize a case study or technique used)	Not present on project	Term is not defined, and/or only minimal details explaining this field of research	Term is defined and additional research done but was not detailed or lacked understanding	Term is defined, student demonstrates in depth and detailed research and understanding of the topic
<b>Citations</b>  All work must be cited (in text and reference page on the back of booklet)				