

Cornwall-Lebanon Elementary Science Fair
DUE: March 29, 2016

Schedule of Assignments

6 steps to success!

#1 DUE: January 19, 2016

- A. **Problem Statement** - in the form of a question?????
Decide on a question that you can answer by doing an experiment.
You must be able to collect data to graph.
The project may NOT be a model, demonstration, or report.
- B. **Two sources** to research to form hypothesis
At least two sources must be used to form an educated guess to predict the results of your experiment. Books, experts, Internet, etc. may be used. Phone calls to companies or experts are acceptable - be sure to write down your questions before you call!

#2 DUE: January 26, 2016

- A. **Hypothesis:** Write down what you predict will be the results of your experiment. Your “educated guess” must be based on the information you collected from the sources in Assignment #1.

Example: I predict that bean plants grown under dark colored light will grow more slowly than bean plants grown under light colored light **because** of a lack of sufficient ultraviolet light waves.

Example: I predict that mice raised on a diet of junk food will show lower body weights after six weeks than mice raised on a regular diet **because** of a deficiency of necessary nutrients in the junk food.

#3 DUE: February 9, 2016

- A. **Procedure**
Write exactly what you will do to run the experiment, step-by step. Include every detail so that another scientist could run the exact same experiment. List all the materials you will use.

#4 DUE: February 16, 2016

- A. **Data and Data Table**
Identify the data you will collect during the experiment. Draw a sketch of the table you will use to record this data. It is not filled in, but shows how you will collect and record data.

#5 DUE: March 1, 2016

Graph

Make a rough sketch showing how you will set up the graph to show the final data. Show the labels for the x and y axes, the numbering, and the title. You do not need to use graph paper. DO use graph paper or a computer for the final graph.

#6 DUE: March 15, 2016

Conclusions

Write a paragraph explaining the results of your experiment. Answer your original question and include any additional information that could have affected your results (the cat ate one of your plants, your mom sat on your crystals, etc.). You may want to include how the project could be changed or improved for future research. Be sure to use complete sentences and correct spelling.

**Science Fair Project
Due: March 29, 2016
Bring Completed Project to School**

