

SCIENCE FAIR PROJECT – Steps of the scientific method

Directions: Please complete the worksheet as clearly as possible. Each part matches a section you need on your science fair poster. On your poster, some of these questions (purpose and procedure especially) should be longer than there is space here.

1. Project Title: _____

2. Scientific question: _____

3. Hypothesis (An educated guess before the experiment begins. This one sentence answers your scientific question above. If, then, because format)

What is your independent variable? _____

What is your dependent variable? _____

What is your control variable? _____

4. Materials: What do you need in order to complete your research? Remember, you must come up with these materials on your own! If you need to borrow equipment (microscope, a chemical) we will try to arrange that.

5. Student must list at least 5 researched facts about their topic. You must cite where your facts came from (this cannot be Wikipedia!):

- 1=
- 2=
- 3=
- 4=
- 5=

6. Procedure: Write the steps would you follow to complete your experiment (directions)? These can be numbered.

7. AFTER YOUR EXPERIMENT YOU WILL COMPLETE:

- 1) Data **put your results into tables, graphs, charts, etc, as well as pictures and drawings are required**
- 2) **Write your results and conclusion** (in your results write exactly what you found. In your conclusion you tell your results)
- 3) **Make your presentation** (make sure your poster is clear and you know how to explain your work)
- 4) **Be able to discuss your experiment to your classmates and your teacher.**

MAKING YOUR POSTER:

- Use a tri-fold cardboard display.
- Use at least size 16 font.
- Make it attractive and neat
- Include pictures, drawings, or models where possible.

