

Science Fair Background Research Outline (65 pts.)

1. **Branch of Science** (Physics, Biology, etc.):

2. **Scientific Question:**

3. **Hypothesis:** If...then... format.

4. **Scientific Principals I Will Need to Research and Know to do my project:** (This should be done on a separate piece of paper and it should be typed).

- a. **List any Laws or Theories relating to your experiment:**
Please include the **NAME** of the law or theory and briefly explain the main points of it.
- b. **List any famous scientists** associated with your project that may have contributed greatly to understanding the law or theory, or may have discovered it.
- c. **List and define any key words (key concepts) that you will need to know and explain in your experiment.**
- d. **Include and explain any equations, formulas, or SI measurements involved in the experiment.**

5. **Explain HOW this research and your experiment will benefit mankind.**

6. **Cite all sources you used to do your research and experiment in the proper bibliographic format.**