

Name _____

Period _____

Research Proposal

1. What topic or *problem(s)* do you plan to investigate? _____

2. State the *testable hypothesis*. _____

3. Where do you plan to do most of your experimentation? _____
4. Identify the *independent (manipulated) variable*. _____
5. Identify the *dependent (responding) variable*. _____
6. Identify your *control*. _____

7. Describe the *variables* that you will hold *constant*. _____

8. How will you hold these constant? _____

9. Describe the *materials* you will need to do the experiment. Place a **star** beside those items which you will need to borrow from school (if possible).

10. Refer back to your list of materials/equipment in question #9 and estimate what your science project will cost. _____
11. On a separate sheet of paper, write a *procedure* to test your hypothesis. Remember to include safety considerations and a detailed set-up.

Parent Signature _____