**Research Plan**

The research plan is a proposal of your experimental design for your science fair project. Please use the experimental worksheet to help you plan your experiment. The research plan is a formal plan that you will write to explain how you are going to test your hypothesis the answer to your science fair problem. The plan must have the following parts in the following order:

1. Research Questions or Problem statement
2. Hypothesis- It can state I think this happen because…. Or there will be a significant difference between (comparing two things)

Examples- I think that they will be more hummingbird visits to the red feeder than the yellow feeder because hummingbirds can see red better.

Example- There will be a significant difference between the numbers of hummingbirds visiting the red feeder compared to the number of hummingbirds visiting the yellow feeder.

1. Experimental set- You must list materials with each amount you feel you will need. You must have a step by step procedure that is very detailed on how you will perform your experiment. No paragraphs please, you must list you steps. 1, 2,3
2. Safety concerns- You must write a paragraph on how you will handle materials safely and what pre-cautions you will use to ensure your safety.
3. You must list the references that you cited in your background report on your research plan in the same format. You may copy and paste your references from your background report.
4. The plan should be written in 12 point font and singled spaced. There is no definite length of the plan; you just need all the parts listed.