**Student Name:**

**Project Name:**

**Project Website:**

**Part 1: Science Fair Pre-Work (#1-5)**

**1. Purpose**- What are you trying to find out? What is the title of your project? This must be a question. DO NOT USE “I or I think”

**2. Hypothesis**- Educated Guess. What do you think will happen? This must be written in an If… then… statement. Ex: If such and such are added, then there will create a chemical reaction. Make sure your hypothesis predicts what you think is going to happen.

**3. Materials**- What is the list of materials that you are using? This is just a list, don’t leave anything out.

**4.** **Research**- At least one paragraph containing information that you gained about topic, including at least 2 sources. What have others done to investigate this topic? What were their results and conclusions? How will you apply or use the information that you found?

Source #1:

Source #2:

Source #3 (optional):

**5. Procedure**- This is a step by step process. Step 1… Step 2… This is just like a recipe. Make sure you don’t leave anything out. The first procedure could be to gather the necessary materials. Someone must be able to repeat your experiment form your procedure.

**Part 2: Science Fair Post Experiment Work**

**6. Variables**- Identify your manipulated (independent), responding (dependent), and controlled variables.

**7. Observations**- What did you observe? How often did you observe? Make sure your observations relate to the data you observed.

**8. Data/Analysis**- What did you find out? How many trials or times did you repeat the steps? Create graphs/ charts/ data tables to show comparisons and start drawing conclusions.

**9. Conclusion**- Was your hypothesis supported or not? You will basically restate your hypothesis in your conclusion. Did your data support your hypothesis? What did you find out? What would you do differently? Make sure you interpret your data and use the data to compare your results to the hypothesis.

**10. Communicate your Results**- Communicate your findings. What did you enjoy? What would you do differently?

**11. Name, Grade, Teacher** (a printed template will be provided)- needs to be located in the bottom right corner

**Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Grade\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Teacher’s Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**