**Student’s First and Last Name**

**Dutchtown Middle School**

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**Teacher’s name**

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**Statement of Purpose**

**This includes:**

**a. The title of your science project. (Example, What brand of soap erodes faster if water constantly drips on it? Dove, Ivory or Dial Soap?)**

**b. Why you chose the topic. (Example, I chose this topic for future purchases. So my mom will know which brand of soap lasts longest when she buys soap.)**

**c. What you plan to prove through your experimentation. (Example, I plan to prove that Dove soap erodes the least.**

**Question and Hypothesis (or) Engineering Goal**

**On this page:**

**a. Restate the question you will be answering through your experimentation or the engineering project title.**

**b. Write out your hypothesis or engineering goal. (This should be formed only after you have completed your initial background research.)**

**Example hypothesis: If I place metal nails in 100 ml of Coke, Sprite, and Water, then the nails in Coke will rust the most.**

**Example engineering goal: I will design a solar oven that will heat a hotdog to an internal temperature of 145 degrees fahrenheit.**

**Materials**

**This page should include a list of all of the materials you used in your experiment. Be specific in the quantity.**

**For example, don’t just write “water” write “100 ml of water” if that is how much your experiment will require.**

**\*Remember to use the metric system.**

**Experimental Procedures**

**Write out the steps to your experiment in recipe form. Be specific and give details as to how much, how long, how often, etc. This should be written in a way that if someone was going to complete your experiment they should be able to follow each step and get the exact same results that you did.**

**This can also include diagrams/images for engineering projects.**

**Be sure to refer to your research plan if you have variables to test (independent variable, constants, dependent variables, control, etc).**

**Experimental Procedures**

**Daily Entries**

**A few entry reminders:**

**a. You must only type in black, Times New Roman 12 point font.**

**b. Your first 5 entries should be based on your background research about your topic. Be sure to cite your sources such as the website address or the book title. This information will be used in the future for your final presentation.**

**c. You must have a minimum of 10 journal entries for your project. You may have more than one entry per day. You may include pictures, charts, graphs, etc in your journal entries.**

**d. All entries must have the day’s date and include your typed signature or your typed initials at the end of the entry. This verifies that you were the person responsible for the information.**