**Sophomore Research Data Analysis & Interpretation Plan**

Proposed Problem Statement:

Brief description of your experiment:

Independent variable:

Dependent variable(s):

Number of trials:

Plan for randomization: (Do not just state, “with my calculator.”)

Proposed statistical treatment:

\_\_\_\_ DOE

\_\_\_\_Descriptive

\_\_\_\_Descriptive **AND** \_\_\_\_1-Sample *t* Test \_\_\_ 2-Sample *t* Test

Describe why your choice is appropriate for your research.

Approvals:

Chemistry Teacher:

FST Teacher:

Student Signatures: