

Name: \_\_\_\_\_ Date: \_\_\_\_\_ Class: \_\_\_\_\_

## PAPER AIRPLANE PROCEDURES

### **Variable Choices:**

- A. size of the paper airplane (half, standard, double)
- B. design of paper airplane (standard, design B, design C)
- C. number of paper clips on paper airplane (0 paper clips, standard, 2 paper clips)

### **Directions:**

- Choose a variable from above and circle your choice.
- Create a testable question for the variable you have chosen.
- Write a procedure one could follow to determine if the variable you chose would affect the distance (cm) a paper airplane would travel. You may use more paper if necessary.
- Feel free to test your selected variable, collect data, and state your conclusions. If you choose to do so, please communicate this information on paper and attach it to this sheet.

Testable Question: \_\_\_\_\_

\_\_\_\_\_

Procedure:

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## Scoring Rubric

### Testable Question:

2	3	4
<ul style="list-style-type: none"><li><input type="checkbox"/> The question is a yes or no question.</li><li><input type="checkbox"/> The question is missing either the independent or dependent variables.</li><li><input type="checkbox"/> There is no mention of units the reader will need to use.</li></ul>	<ul style="list-style-type: none"><li><input type="checkbox"/> The question can <b>not</b> be answered with a yes or no.</li><li><input type="checkbox"/> Question includes both the independent and the dependent variables.</li><li><input type="checkbox"/> Question could be clarified by adding in the units the reader will need to use when measuring outcomes.</li></ul>	<ul style="list-style-type: none"><li><input type="checkbox"/> The question can <b>not</b> be answered with a yes or no.</li><li><input type="checkbox"/> Question includes both the independent and the dependent variables.</li><li><input type="checkbox"/> The reader knows in what unit to take measurements.</li></ul>

### Procedure:

2	3	4
<ul style="list-style-type: none"><li><input type="checkbox"/> Procedure steps are confusing or unable to be duplicated by the reader.</li><li><input type="checkbox"/> Procedure does not mention what the reader is measuring or counting for the data.</li><li><input type="checkbox"/> Procedure does not indicate in what unit the reader should be measuring.</li></ul>	<ul style="list-style-type: none"><li><input type="checkbox"/> Procedure steps could be more clear and specific to help the reader duplicate.</li><li><input type="checkbox"/> Procedure indicates what the reader is measuring or counting for the data.</li><li><input type="checkbox"/> Procedure indicates in what unit the readers should be measuring.</li></ul>	<ul style="list-style-type: none"><li><input type="checkbox"/> Procedure includes clear, detailed steps that are easy for the reader to duplicate.</li><li><input type="checkbox"/> Procedure clearly indicates what the reader is measuring or counting for the data.</li><li><input type="checkbox"/> Procedure clearly indicates in what unit the reader should be measuring.</li><li><input type="checkbox"/> Procedure includes directions for how to use the data to form conclusions.</li></ul>