**Inquiry Lab**

**Names:\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Class:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

Directions:

This is an introduction lab to scientific inquiry and problem solving. In this lab you will design and complete your own experiment. Your experiment should answer the question: **What factors determine the flight of a paper airplane?** Spend about 10 minutes brainstorming with your group about what you want to test. Your experiment will only have one independent variable, this means there is only one thing you are changing each trial.

Answer the following Prelab **Questions BEFORE YOU START YOUR EXPERIMENT?**

1. What is the Independent Variables?
2. What is the Dependent Variables?
3. What are some variables you would want to keep constant throughout your experiment? (at least 3)

**Title**

**Purpose**

**Partners**

**Materials:**

**Hypothesis:**

**Write your own Procedure (Directions):**

**Record your data:**