

Rocket Experiment

Name: _____

Directions: Follow the scientific method to find out what you can do to get the best results

1. Observe (What problem have you noticed?) (I already told you this one, so I filled it in for you 😊.)

We don't know what will make the balloon travel the fastest and farthest and need to figure this out.

Variables (What different things could you do that would cause a change?)

Ask questions (What question can you ask that will help you find the answer to your problem?)

2. Hypothesis (what do you think the answer is to your question?)

3. Plan an experiment

a. Step 1: _____

b. Step 2: _____

c. Step 3: _____

4. Conduct the experiment (follow the steps above and record your results/data)

What did I change?	How fast and how far the balloon traveled:

5. Draw conclusions/communicate the results (Was your hypothesis correct? What was the best way you found to get the best results?)

