

Pop Bottle Rocket
Integrated Science: Physics/Design

Name: _____ Per: _____

Please staple the class data to the back of this worksheet.

1. How long did your original rocket stay in the air? _____
2. Look over the rocket data for the entire class. What were the characteristics of the rockets that did well?
3. List the changes you are going to make to your rocket and give the rationale for the changes.

4. How long did your redesigned rocket stay in the air? _____
5. Write a paragraph describing the differences between your first and final model. How did each modification affect the rocket's performance? Describe unsuccessful as well as successful design changes.

This section is for teacher use only

1. Materials were brought on time _____
2. The rocket was part of the class data _____
3. The class data is stapled to the back of this packet _____