Bottle Rocket Log

Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Questions:

1. What powers your rocket?
2. Draw a diagram that shows forces acting on your rocket. You should draw one diagram for its ascent and one for it descent.
3. How does Newton’s Laws apply to your rocket?
4. What did you use to slow the descent of your rocket and how did you build it. If you used a parachute, indicate how you deployed the chute.

Testing your rocket includes:

1. The football throw- throw it like a football to see how straight it flies.
2. The spin test- tape string to the center of gravity and spin rocket above head to see if flight path is true or wobbles.
3. The launch pad- Launch pad will be in class room to see if your rocket fits without bending the fins.

Log any changes you make to your rocket:

Date Changes How did it affect the rocket?