

Varying Force



Names of Group Members

Objective: Determine the relationship between force applied and the displacement of the rocket.

Materials:

- Foam Rocket
- Protractor
- Meter Sticks
- Spring Scale

Use the spring scale to measure the amount of force required to pull back your rocket to multiple lengths. Use these lengths to launch your rocket.

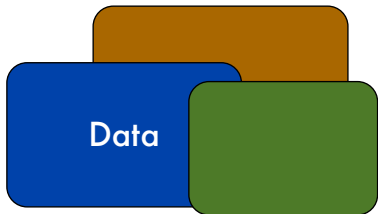
Provide the basic lab information below.

Independent Variable -

Dependent Variable -

Constants -

Procedures: Provide the proper steps to complete this experiment. Be sure to include the forces to be used and # of trials.



Data Table: Create a data table to organize the data to be collected. Include space for averaging each trials. Do not forget to provide proper units.



Graph

Graph: Create a graph that compares the average displacement to the force you pulled your rocket back with.

