

U2C2A4 Elastic Interaction

Experiment: Does how much an elastic object is stretched affect its interaction with another object.

Hypothesis statement: I think that if _____ (manipulated variable)

increases, then the _____ (responding variable) will _____

_____ because _____

Table 1- List all variables and how they were controlled

Variable	How variable was controlled

Table 2- Distance pulled back vs. distance traveled

Distance Pulled Back	Distance Car Traveled #1 (cm)	Distance Car Traveled #2 (cm)	Distance Car Traveled #3 (cm)	Distance Car Traveled #4 (cm)
10 cm				
20 cm				
30 cm				

Make Sense of Your Ideas:

1.

2.

3.

4.