

Speed Lab

Problem: Does the height of a ramp effect the speed of a matchbox car?

Hypothesis: _____

Materials:

Stop Watch Meter Stick Ramp
Matchbox Cars Textbooks

Procedure:

1. Set the ramp up using two textbooks.
2. Release the car from the top of the ramp.
3. Measure the distance the car travels.
4. Time the length of time from release until the car stops.
5. Repeat the trial 3 times.
6. Set the ramp using three text books.
7. Repeat steps 2-5 three times.
8. Record all information in the chart.

Data:

RAMP WITH TWO BOOKS:

TRIAL #	TIME	DISTANCE	SPEED
1			
2			
3			

RAMP WITH THREE BOOKS:

TRIAL #	TIME	DISTANCE	SPEED
1			
2			
3			

Observations: