

Science Notebook Layout

Mrs. Aguirre's Webpage: <http://www.quia.com/profiles/caguirre>

Marble Motion 9-27-12

1. Question:

How does increasing the mass of a car affect its time to go down a ramp?

2. Hypothesis:

If the car is _____, it will Because...

3. Experimental Variable: Weight of car (# of marbles)

4. Dependent Variable: measure time to get from A to B

5. Variables that must be controlled are:

a. _____ b _____ c _____ d _____

6. Data:

Weights in car	Times (seconds)	Variables Diagram
no marble		
1 weight		
2 weights		
3 weights		

8. Conclusion: Answer the problem. List some evidence for your conclusion. Does data support hypothesis? Why or why not? Use some sort of concluding sentence (“I wonder if...”, or “It was surprising that...”, or I learned that...”)

9. Reflection:

What I learned from this experiment was...

VARIABLES Reading Notes

How do scientists use different variables in experiments?

EVIDENCE	INTERPRETATION
(Quotes from Text page 39)	(thoughts, connections, questions)

Read page 39 in textbook.

Complete the notetaking chart as you read