



Academy 101 Session 2





"Experimental Design"



Welcome Back!

First Timers
6 Classes
Basics
Resources
ocsef.org

EXPECTATIONS

- ✓Start a notebook
 - ✓ Participation
 - √Keep Up
 - ✓ Make it Fun!



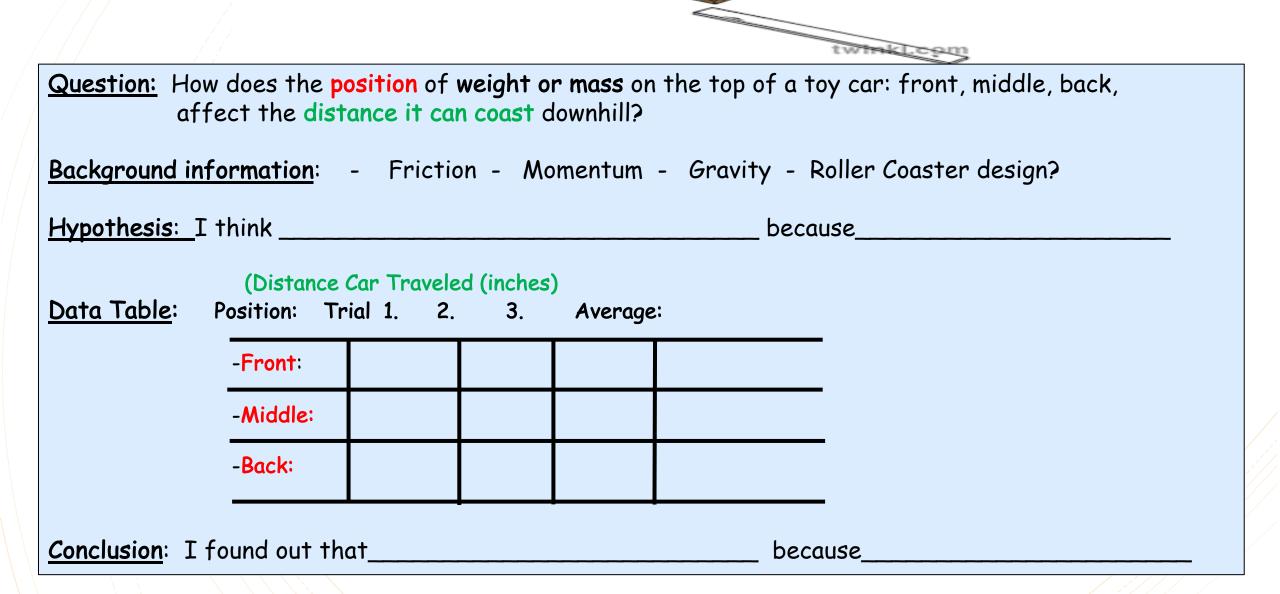
what happened as a result of testing the Independent Variable)
remperature inside of a dog house?
on? le) (Dependent/Responding Variable)
ap (Ivory, Tide, Gain) on removing
) ,

Science Project

Criteria = Material must "block water from entering the given model house".

the given model house?

Ex. What is the best material, to put in a sandbag, to block water from entering



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The state of the s		Lab Reports
	4	Your question! What do
		you want to learn or design?
STATE STATE		Educated guess! What do
NA CONTRACTOR OF THE PARTY OF T		you think will happen? WHY? Research
	•	
THE STATE OF	4	What will you need to
AMERICAN STREET		run experiments or tests?
S. C.	Á	1
200		What are the steps or
()		instructions for a fair test? Design?
Adding A	Trossilo	
War Action	2	Information gathered by
A1862819		observations. Numbers & Describe.
	<u> </u>	
NATIONAL	O,	Patterns in data.
Children of the Control of the Contr		Graphs and descriptions.
CONTENT	provid.	
Substitute		Conclusion: Answer to your
2		question/final design. Supported or
		not? Why? What did you learn?
2000		Problems? Next questions?
		Tioblettis: West questions:
-		the state of the s

Write everything down in your notebook!!!!

in your notebook!!!!!

