


Catapult Data Table and Questions:

State your hypothesis:

What item do you think will shoot the farthest and why?

What catapult do you think will work better, the spoon or the cap, why?



	Spoon	Cap
Marsh	Celling, 19"	46" diag.
Popcorn	20" back	103"
Cotton ball	14" diag	23" diag
Rice Crisps	3" back	22"
Popcorn	13" diag	25"

Item	Spoon-distance and direction	Cap-distance and direction



Which item did you shoot the farthest? Was your hypothesis correct?


Which catapult worked better, the spoon or the catapult? Was your hypothesis correct?

Would you be a good scientist if you only ran through this experiment one time? Why or why not?

Project Answer Key

Catapult Data Table and Questions:

State your hypothesis:



	Spoon	Cap
Marsh	Ceiling, 19"	46" diag.
Pom Pom	20" back	103"
Cotton ball	14" diag	23" diag
Rice krispie	3" back	22"
Popcorn	13" diag	25"

What item do you think will shoot the farthest and why?

Answers will vary, consider anything correct if there is a valid reason stated for the answer.

What catapult do you think will work better, the spoon or the cap, why?

Answers will vary, consider anything correct if there is a valid reason stated for the answer.

Our Data:

Item	Spoon-distance and direction	Cap-distance and direction
Marshmallow	19" to ceiling	46" on diagonal
Pom pom	20" backward	103" forward
Cotton ball	14" on diagonal	23" on diagonal
Rice krispie	3" back	22" forward
Popcorn	13" on diagonal	25" forward



Which item did you shoot the farthest? Was your hypothesis correct?

Answers will vary.

Which catapult worked better, the spoon or the catapult?

Was your hypothesis correct?

Answers will vary.

Would you be a good scientist if you only ran through this experiment one time? Why or why not?

No, science experiments should be repeated a number of times before a conclusion is reached.