

Scientific Method	Operation Egg Drop	
Problem/Question	How does one prevent an egg from breaking from high heights by using different insulation for protection?	
Observation/Research		
Hypothesis		
Experiment	<u>Materials needed:</u>	
	<u>Procedure:</u> Steps for building the package	<u>Control and Variables:</u> Independent Variable: Dependent Variable: Control Group:
Analyze Results	<u>What worked to save your egg?</u>	<u>What did not work to save your egg?</u>
Conclusion	<u>Explain the results & final outcome of the experiment? Was your hypothesis supported?</u>	
Communicate Results	<u>How would you revise and or repeat the experiment?</u>	

Operation Egg Drop

Data Table

Directions: Fill in the data table during the drop with details, facts, observations, and information.

Distance Dropped	_____ meters	
Did your egg survive the drop?	YES: _____ NO: _____	
What exactly happened to your egg? Give a <u>detailed</u> description and a drawing		
What happened to your package?		
What variables did or didn't work? Why do you think these variables were successful or not?	<u>Variables that you would change and why.</u>	<u>Variables that you would NOT change and why.</u>