

Name _____

Date _____

Period _____

The Mythbusters Use the Scientific Method

Background:

Adam and Jamie run many cool scientific experiments on their Discovery Channel TV show Mythbusters. Did you realize that a version of the Scientific Method is always used to conduct the Mythbusters' experiments?

Objective:

We will watch episodes of Mythbusters in class, and you will identify steps of the Scientific Method, controls and variables in the Mythbusters experiments.

Instructions:

We will watch an episode of Mythbusters and you will identify each step in the experiment, as well as controls and variables. You will complete the worksheet for each episode watched.

Episode Title: Phone Book Friction Part 2 <https://safeshare.tv/x/ss5b02e7ad21da9#>

1. Scientific Question or Problem:

2. Hypothesis being tested:

3. Design Experiment and variables:

Independent variable (what is changed) _____

Dependent variable (what is measured) _____

Constants in the experiment (controlled variables) _____

4. Results/ Analyze Data: _____

5. Conclusion: _____

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Episode Title: Double Dipping <https://safeshare.tv/x/FYxccSTDH4k#>

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2. Hypothesis being tested:

3. Design Experiment and variables:

Independent variable (what is changed) _____

Dependent variable (what is measured) _____

Constants in the experiment (controlled variables) _____

4. Results/ Analyze Data: _____

5. Conclusion: _____