

Name: \_\_\_\_\_ Date: \_\_\_\_\_ Block: \_\_\_\_\_

## **Mythbusters & The Scientific Method**

**Objective:** You will be watching an episode of Mythbusters and relating it to the steps of the scientific method. Pick one myth (if there are multiple myths in the episode) and write information and examples from the episode where they are relevant. Be as specific and detailed as you can, but do not use complete sentences.

1. **Problem/Myth to be solved:**
2. **Background Information:** What is the information they look for and find about the myth? What do they do to gather this initial information?
3. **Hypothesis:** What is their educated guess as to what happened or how something works?
4. **Design an experiment:** What are the basic procedures they follow ? What tools do they use during the experiment?
5. **Perform experiment and gather results:** What are the little pieces of data/information they find out in helping determine if the myth is true?
6. **Conclusion:** What is the overall conclusion they reach for the myth?
7. **Adjust and redo if needed:** Is there anything they needed to go back and look at again or an experiment they needed to adjust and redo?