

Name _____ Date _____ Hour _____



Points Earned: _____

Directions: Watch an episode of MythBusters that we have not watched in class*. Choose one particular experiment to follow, and use it to fill out this paper, just as we did in class on “Plywood Builder” and “Waterslide Wipeout”. You can do this paper for extra credit once each trimester, to earn up to 100 “formative” points.

* Note: You can find MythBusters episodes in many places, including the MythBusters website at discovery.com, or NetFlix, Amazon, iTunes, or even YouTube.

Episode Title: _____

1. What warnings are given to viewers at the beginning of the show?
2. What myth, legend or story is being investigated? (If there is more than one, choose only one)
3. What information do the MythBusters already know about this before the investigation?
4. What else do they learn from researching before the investigation?
5. In numbered form, list the procedure the MythBusters use to do their investigation.

6. What **independent** variable(s) are tested in the experiment?

7. What **dependent** variable(s) are measured or observed in the experiment?

8. What **standardized** variables (**control** variables) must be kept the same throughout the experiment in order to make it a fair test?

9. What strategies are used to ensure safety during the investigation?

10. Use **2** or more sentences to explain the results of the investigation. (Is it Confirmed? Busted? Plausible? Explain!) *Example: The myth was “busted” because*

11. Use **3** or more sentences to explain why you agree or disagree with the Mythbusters’ conclusion. (Do you think the results are reliable? Is there anything they did that was especially clever? What should they have done differently?)