

The Scientific Method

The last couple of weeks we have been working on learning the steps of the Scientific Method. Students had a chance to watch an episode of the Discovery Channel's Mythbusters last week and see science and the Scientific Method in action, in real life scenarios. This week I am asking students to take on the role of myth busting or scientist and perform their own scientific experiment.

Assignment: **With your parents supervision and permission** come up with a simple experiment that you could do at home, with everyday materials, to demonstrate that you understand the steps of the Scientific Method.

A couple of examples would be: putting an aspirin tab in a glass of water and one in a glass of soda... what do you hypothesize will happen in both? Put a drop of food coloring in a glass of water, glass of salt water, and a glass of sugar water... what do you hypothesize will happen? These are just examples. I encourage you to be creative, but make sure you have your parent's permission.

Complete the Scientific Method graphic organizer on the back of this paper to outline the steps of your experiment. Remember that a good experiment is repeatable and consistent. You will need to perform your experiment a couple of times to make sure your results and conclusion are valid.

The experiment is to be performed and results and conclusion recorded AT HOME. I need the back of this paper filled out and turned in to demonstrate to me that you have done the assignment.

This assignment will be due Monday September 22nd.