



## **Mythbusters**

### **A Scientific Look Into the Myths of the World, Grades 4-6**

Does it really take seven years for your body to digest a piece of gum? Can a penny kill a pedestrian if you toss it from a tall building? Come find out. Here's your peek at the week:

**Day 1, How to solve myths:** Learn how the Mythbusters go about solving their myths! Run experiments on mystery powders to discover what they are and see what happens when water is put into a plastic bottle filled with holes, it's not what you think!

**Day 2, Bacteria Myths:** Is the toilet seat the dirtiest place in the house? Does the five-second rule really exist? Discover these and more when we look at bacteria.

**Day 3, Eating Myths:** Can an octopus grow inside your stomach? Does chewing gum really stay in your stomach for 7 years?!? Figure out how your stomach digests food and how quickly.

**Day 4, Sound and Movement Myths:** Try and put out a flame with only sound. Figure out if a duck's quack echoes. We'll also try to see if dropping a penny from the Empire State building will kill someone walking on the sidewalk.

**Day 5, Light Myths:** Can you set a ship on fire using only light? What about unlocking a car door with a tennis ball? The best way to discover these answers is to try it!