

# Investigation and Experimentation

Name:

## Surprise Toothbrush

Period:

In the boxes below, describe what was done for each step of the scientific method for the Mythbusters' Surprise Toothbrush experiment.



<u>STEP</u>		<u>HINT</u>	<u>WHAT HAPPENED FOR THIS STEP</u>
ask a question		<i>what question are they trying to figure out?</i>	
form a hypothesis		<i>what do they predict will happen?</i>	If... then...
test the hypothesis	design a test	<i>how is the experiment set up?</i>	
	collect data	<i>what information might they write down?</i>	
analyze data		<i>what were they comparing?</i>	
draw conclusions		<i>what did the experiment prove?</i>	
communicate results		<i>how did you learn about the experiment?</i>	