## **Scientific Method**

What is the scientific method? It is aworld around us.	that is used to find	to questions about the
Is there only one "scientific method"? No, the more, while others may have on to an method for conducting and a	nly a few. However, they all begin be answered based on observations of	n with the identification of a
What is a hypothesis? It is antopic.	based on observati	ons and your knowledge of the
What is data? It is gathered	during an experiment.	
	or explain? Use observations you have es the problem or topic you want to inve	
What do you think will happen? Predict the	e answer to your question or the outcome	e of the experiment.
· · · · · · · · · · · · · · · · · · ·	our hypothesis? Develop a procedure periment and address safety rules.	
Follow the steps in your procedure to po	erform your experiment. Record data a	nd observations!
Is the data reliable? Does your data and of	bservations from the experiment suppo	ert your hypothesis?
Is your data inacc the experiment fl	Rewrite your	procedure to address e original experiment.
Write a conclusion that summarizes t	he important parts of your experiment	and the results.

## **Scientific Method**

## **Overhead Key**

What is the scientific method? It is a process that is used to find answers to questions about the world around us.

**Is there only one "scientific method"?** No, there are several versions of the scientific method. Some versions have more steps, while others may have only a few. However, they all begin with the identification of a problem or a question to be answered based on observations of the world around us and provide an organized method for conducting and analyzing an experiment.

What is a hypothesis? It is an educated guess based on observations and your knowledge of the topic.

What is data? It is information gathered during an experiment.

