

Scientific Method

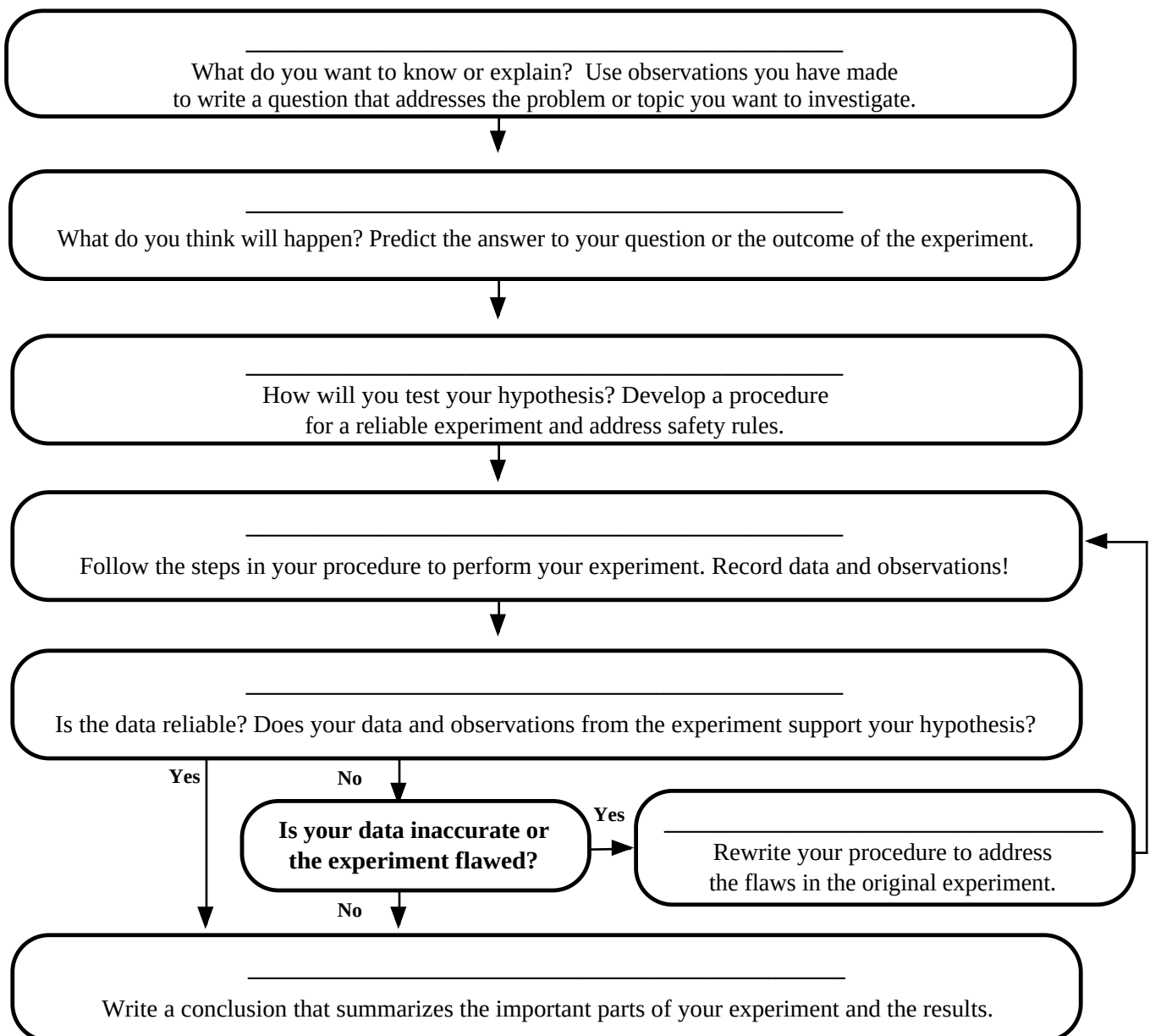
Name _____

What is the scientific method? It is a _____ that is used to find _____ 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 _____, while others may have only a few. However, they all begin with the identification of a _____ or a _____ to be answered based on observations of the world around us and provide an _____ method for conducting and analyzing an experiment.

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

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



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.

