

USING THE

# SCIENTIFIC METHOD



## 1 QUESTION

Ask yourself, “What do I want to learn more about?”, or “I wonder what would happen if . . .?”

## 2 HYPOTHESIZE

Research to help you make an educated guess, or hypothesis, and then answer your question.

## 3 EXPERIMENT

Test your hypothesis by making a plan and conducting an experiment.

## 4 OBSERVE & RECORD

Make careful observations and write down what happens.

## 5 ANALYZE

Use your information to draw conclusions about your experiment. Was your hypothesis correct?

## 6 SHARE RESULTS

Explain your results by presenting your experiment, observations, and conclusions.

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Question # 10: Based on what you have read and learned so far, why was the scientific method such a shock to the Catholic Church and many people during this time?

\*\*\*\*\*ONLY WATCH UNTIL 1:40\*\*\*\*\*

<https://www.youtube.com/watch?v=SMGRe824kak> The Scientific Method- the Teacher's Pet

Question # 11: Is the scientific method a part of our daily lives? Give an example of a recent time when you have used the scientific method without thinking about it? (Do not use the example from the video)

Question # 12: What step in the process of the scientific method do you think is the most important? Why?

