

UNIT
1LESSON
1.3*Lesson 1.3 Guide*

| Lesson 1.3 - The Scientific Method | |
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| BIG IDEA | Science is the systematic and methodological study of the natural world. |
| Guiding Questions | <ul style="list-style-type: none"> • How do scientists investigate the world? |

In this lesson you will:

- **state** and **describe** the steps of the scientific method
- **explain** the use of the scientific method
- **design** an experiment using the scientific method

Questions you should be able to answer:

1. What is the purpose of the scientific method?
2. What is a hypothesis? A theory?

Concepts:

- Scientists follow a variety of methods to help answer questions
- Scientists pose hypotheses which can be verified, changed, or rejected.

Vocabulary:

- scientific method
- hypothesis
- procedure

Reflection

Answer the questions below to help you reflect on the unit. Only do this after we have completed lesson 1.3

1. What is the scientific method?
2. What are the steps of the scientific method?
3. What happens in each step of the scientific method?
4. How are hypothesis written?