

UNIT
1LESSON
1.4*Lesson Guide: Making Inferences*

Lesson 1.4 - Making Inferences	
BIG IDEA	Science is the systematic and methodological study of the natural world.
Guiding Question	How do scientists investigate the world?

In this lesson you will:

- **define** the term inference
- **create** inferences as scientists do
- **support** inferences with observations
- **explain** what makes an inference acceptable or unacceptable

Questions you should be able to answer:

1. What is an inference?
2. How are inferences made?
3. What makes an inference acceptable or unacceptable?

Concepts:

- Scientists make observations about the world and form inferences from those observations.

Vocabulary:

- inference
- Ockham's Razor

Review Questions

1. What is an inference?
2. How are inferences different from observations?
3. How are inferences made?
4. What is Ockham's Razor? How is it used?
5. What makes an inference acceptable or unacceptable?