

# Content Vocabulary

## LESSON 1

### Understanding Science

**Directions:** Answer each question or respond to each statement on the lines provided. You must include the terms below in your answers.

- biology      critical thinking      ethics      hypothesis      inference
- observation      prediction      scientific law      scientific theory      technology

1. What are three examples of technology?

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2. What is observation? Why is it important to scientists?

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3. What role does critical thinking play in evaluating scientific evidence?

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4. How is a scientific law different from a scientific theory?

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5. How do you make an inference?

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6. **Contrast** a hypothesis and a prediction.

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7. Why are ethics particularly important in specific types of scientific investigation?

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8. **Define** *biology*. Name two other branches of science.

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