

## Unit 1 Characteristics of Life & Scientific Inquiry (p. 4-21) Learning Targets

Can you .....

- Identify examples of the characteristics of life.
- Generate examples for the characteristics of life.
- Differentiate between living and nonliving.
- Make metric conversions.
- Generate a question to be answered using scientific inquiry.
- Develop a hypothesis to be tested.
- Design and conduct a controlled experiment.
- Identify the independent and dependent variables from an experiment.
  - Identify weaknesses in experimental design.
- Analyze data, graphs & tables.
- Distinguish between science and pseudoscience.
- Critique the validity of scientific data.
- Identify reliable sources for peer review and research.