

Science Skills & Processes

Review

After completing this unit, students will be able to answer the following questions:

- What are the steps of the scientific method?
- What must be included in a proper scientific experiment?
- What are some of the parts of a microscope that we use?
- How do you make a wet mount slide?
- How do you properly focus a microscope?
- What is an observation? An inference?
- Give an example of an observation and an inference?
- What are some of the units in the metric system?
- How is length calculated? Volume? Density? Mass?
- How do we convert temperature from Fahrenheit to Celsius? From Fahrenheit to Kelvin?
- What is the boiling point of water? Freezing point?
- What are some tools that are used in the laboratory?
- What are some safety rules for working in the laboratory?