

Third Grade Science - First Six Weeks

Essential Questions: What tools, skills, knowledge, and dispositions are needed to conduct scientific inquiry? How is the earth affected by long-term and short-term geological cycles and the influence of man? How does natural selection explain how organisms have changed over time? Is a given object /animal/ plant living or nonliving?

Grade Level Expectations

EMBEDDED INQUIRY

GLE 0307.Inq.1 Explore different scientific phenomena by asking questions, making logical predictions, planning investigations, and recording data.

GLE 0307.Inq.2 Select and use appropriate tools and simple equipment to conduct an investigation.

GLE 0307.Inq.3 Organize data into appropriate tables, graphs, drawings, or diagrams.

GLE 0307.Inq.4 Identify and interpret simple patterns of evidence to communicate the findings of multiple investigations.

GLE 0307.Inq.5 Recognize that people may interpret the same results in different ways.

GLE 0307.Inq.6 Compare the results of an investigation with what scientists already accept about this question.

EARTH

GLE 0307.7.1 Use information and illustrations to identify the earth's major landforms and water bodies.

GLE 0307.7.2 Recognize that rocks can be composed of one or more minerals.

GLE 0307.7.3 Distinguish between natural and man-made objects.

GLE 0307.7.4 Design a simple investigation to demonstrate how earth materials can be conserved or recycled.

State Performance Indicators

EMBEDDED INQUIRY

SPI 0307.Inq.1 Select an investigation that could be used to answer a specific question.

EARTH

SPI 0307.7.1 Classify landforms and bodies of water according to their geological features and identify them on a map.

[Landforms in the Continental United States](#)

SPI 0307.7.2 Describe how rocks can be classified according to their physical characteristics.