

Second Grade Science Course Description

In second grade science the students will explore matter and energy, force and motion, living organisms, Earth's systems, scientific inquiry, and the impact of science, technology, and human activity.

Second Grade Science Big Ideas

- 1: Materials have observable properties.
- 2: Objects require a force to put them into motion.
- 3: Living organisms have needs for survival.
- 4: Answers to questions can be found by conducting an investigation using tools and observations.
- 5: Scientific inquiry is used to answer questions.

Second Grade Science Essential Learning Outcomes

ELO 1: Students will learn that objects and the materials they are made of, have properties that can be used to describe and classify them (PS1, PS1-B)

ELO 2: Students will predict and investigate the growth of plants when growing conditions are altered. (LS2-A)

ELO 3: Students will use information from several sources to provide evidence that Earth events can occur quickly and slowly (ESS1-C)

ELO 4: Students will formulate a testable question and explanation and select an appropriate investigative method to obtain evidence relative to the explanation. (PS1)

ELO 5: Students will predict and demonstrate how the motion of an object could be changed by an applied force or the mass of an object. (PS2-A)