

## Elementary Classroom Content Standards

### SCIENCE GRADE 6

- 01 **Examine problems using scientific inquiry.**
  - Formulate and test hypotheses.
  - Evaluate the results of scientific investigations, experiments, observations, theoretical models and the explanations proposed by other scientists.
  - Use appropriate tools and techniques to gather, analyze and interpret data.
- 02 **Integrate unifying concepts and processes in science experiences.**
  - Create and use classification schemes.
  - Interpret cause and effect relationships within and between systems.
  - Recognize and describe the integral parts and functions of a system.
- 03 **Investigate and explore the principles of magnetism and motors.**
  - Understand and investigate the principles of magnetism and motors.
  - Illustrate how energy travels by using magnetic fields, circuits and electromagnets.
- 04 **Investigate the diversity of organisms on Earth and the effects of technology on populations, resources, and the environment.**
  - Understand the diversity of organisms on Earth.
  - Recognize the effects of technology on populations, resources and the environment.
  - Recognize how adaptation of organisms helps them survive.
- 05 **Explore the relationship among rocks, soils, and erosion.**
  - Explain how the surface of Earth is covered by different types of soils.
  - Examine and understand the relationship between soils and erosion.