

Science
2010-2011

Course description:

The Sixth Grade science course encompasses the main strands of life science, physical science and earth science. Life science gives students the opportunity to inquire into living things and issues related to themselves and the environment; earth science includes the study of planet Earth and its relationship to the universe; physical science focuses on the study of the origins, properties and uses of solids, liquids, gases and energy sources.

Objectives:

Students will develop their observational skills using their senses and selected tools.
Students will gather and record information in a number of ways
Students will identify patterns or connections, make predictions and test their ideas.
Students will explore the way objects and phenomena function.
Students will identify and apply the Scientific Method

Content:

- Environment and feeding relationships
- Variation and classification
- Energy resources
- The solar system and beyond
- Rocks and weathering
- The rock cycle

Assessment:

Observation, performance assessment, tests, quizzes, scoring rubrics

Texts: Science Plus (Holt Reinhart Winston)
Inside the Restless Earth (Holt Reinhart Winston)