Counselors are available to assist parents and students with course selections and career planning. Parents may arrange to meet with the counselor by calling the school’s guidance department.

**COURSE DESCRIPTION**
The Science Grade 6 course represents an activity-based, inquiry course in which students study the life, physical, and earth sciences. Through hands-on activities, students learn about the natural and technological world, improve their inquiry skills and ability to solve problems, and develop an understanding of the limits and possibilities of science and technology.

**COURSE GOALS**
- Provide a broad content base in the life, physical, and earth sciences
- Develop problem-solving and decision-making skills through experimentation, research, and discussion
- Develop an awareness of the interdisciplinary nature of science and its relevance to society
- Develop basic communication skills
- Provide reading and study skills

**PREREQUISITE**
Fifth-grade science

**OPTION FOR NEXT COURSE**
Life Science 7

**REQUIRED STUDENT TEXTBOOKS**

**MINIMUM REQUIREMENTS**
- Demonstrate knowledge and understanding of objectives through hands-on activities, projects, and oral and/or written tests, quizzes, and reports
- Participate in the hands-on investigations adhering to all safety procedures
THE INSTRUCTIONAL OBJECTIVES THAT COMPRISE THE GRADE 6 SCIENCE COURSE ARE SUMMARIZED AS FOLLOWS FROM THE CURRICULUM:

- Demonstrate an understanding of scientific reasoning, logic, and the nature of science by planning and conducting investigations.
- Investigate and understand basic sources of energy, their origins, transformations, and uses.
- Investigate and understand the role of solar energy in driving most natural processes within the atmosphere, the hydrosphere, and on Earth’s surface.
- Investigate and understand that all matter is made up of atoms.
- Investigate and understand the unique properties and characteristics of water and its roles in the natural and human-made environment.
- Investigate and understand the properties of air and the structure and dynamics of Earth’s atmosphere.
- Investigate and understand the natural processes and human interactions that affect watershed systems.
- Investigate and understand public policy decisions relating to the environment.