

Science Standards

with
Performance Indicators
(Introduced, Developed, Competent, Maintained)

Developed Spring, 2000; Revised Spring 2006

Science Philosophy

We believe that the study of science helps to develop the skills needed to learn about our world, our environment and our own lives. The science program should give the students a well-balanced foundation of concepts based on four major areas: life science, physical science, earth science and the human body. The development of these concepts should proceed continuously within each level.

We believe that science encourages critical thinking, necessary for problem solving. Students learn how scientific knowledge fits together and how it relates to their experiences. Scientific inquiry is the persistent drive to discover more about what is unknown in the world around us. Good science education fosters and stimulates students to find answers to their questions about the world. A scientifically literate person has the means to function more effectively in an increasingly technological world. This literacy provides the means to discover the interrelationship between science, technology and society.

Program Standards

- Be able to see God's creative power in the world.
- Be able to gather and use scientific information.
- Be able to apply scientific and technical process skills.
- Be able to use scientific methods to solve problems.
- Be able to treat the environment with care and respect.