

Mission Statement:

The mission of the secondary science program is to educate all students to be scientifically literate and responsible citizens.

Philosophy of Science Education Grades 6-12

The goal of science education is to develop scientifically literate citizens who understand and apply the knowledge and processes of science. It encourages a positive attitude toward solving problems and a curiosity to understand and appreciate the impact of science and technology on the natural world and on society.

Science is more than a body of facts, a set of principles, or a collection of sophisticated tools. It is a structured, creative, and active method of asking and answering questions. An effective framework for teaching science must be based on knowledge of scientific principles and on an understanding of logical thought processes. Effective science education requires a developmentally appropriate and sequential program that stresses problem solving and inquiry through laboratory experiences and a variety of learning activities. Effective science education will help students become informed adults capable of responsible decisions, independent action and teamwork. It will enable all students to develop an understanding of the interconnections between science and technology and the shared human responsibility to preserve and improve life on Earth.