

PROGRAM GOALS

SCIENCE EDUCATION

1. The student values science as a way of learning and communicating about self, others, and the environment.
2. The student is able to use scientific problem-solving and inquiry processes.
3. The student is able to use the conventional language, instruments, and operations of science.
4. The student knows significant scientific assumptions, theories, principles, laws, facts, and their cultural and historical contexts.
5. The student is able to use scientific knowledge, processes, and conventions to clarify values, examine issues, solve personal and social problems and to satisfy personal curiosity.
6. The student relates science learnings to the planning and fulfilling of personal, social, and career life roles.
7. The student values science for its aesthetic contribution to his continuing personal experience.
8. The student is able to initiate personally novel ideas related to science.
9. The student is confident of his or her right to develop, hold, or express conventional or unusual ideas related to science.