

Our Mission:

Science education is a process of human interaction, through which students develop into scientifically literate individuals, empowered to reach responsible solutions to the challenges of a global society.

We believe:

- 1) the major emphasis of science education is problem solving, a process that involves analysis, synthesis, and evaluation.
- 2) scientifically literate students are able to work collaboratively and cooperatively in diverse groups to solve problems .
- 3) students need to see the connection among the sciences and between science and other content areas.
- 4) scientific concepts are relevant when connected to real-life experiences.
- 5) students will apply scientific processes and concepts in decision making.
- 6) students will be life-long learners who are able to view the world with curiosity from a scientific viewpoint.
- 7) students will be involved in an activity-based approach that accommodates different learning styles to enable them to understand, enjoy and appreciate science.

Outcomes:

The students will:

- 1) demonstrate an understanding of basic scientific principles.
- 2) develop solutions to problems through reasoning, observation and experimentation.
- 3) collect and use information from a variety of resources.
- 4) apply scientific knowledge and processes in evaluating real life experiences.
- 5) evaluate and demonstrate skills necessary to contribute in a cooperative team effort