

Science is a little bit like the air you breathe -
it is everywhere.

Dwight D. Eisenhower

Science contributes to our culture in many ways,
as a creative intellectual activity in its own right,
as the light which has served to illuminate man's place in the universe
and as the source of understanding on man's own nature.

John F. Kennedy

Men love to wonder,
and that is the seat of our science.

Emerson

St. Sebastian School **Science Education Philosophy**

Science is an essential vehicle for becoming literate in today's society. Science is both a knowledge and a process-based discipline that is used to make new discoveries, problem solve, and serve society. Science emphasizes hands-on learning experiences and discovery. It involves teachers and students as co-learners in constructive teaching and learning interactions.

Our Science Curriculum is divided into areas:

- *Science as Inquiry*
- *Physical Science*
- *Life Science*
- *Earth & Space Science*
- *Science & Technology*
- *Science in Personal & Social Perspectives*
- *History & Nature of Science*

Science Education Goals

- * To develop positive attitudes about the role of science in their lives, students will:
 - Build curiosity, become receptive to new ideas and develop a healthy skepticism about beliefs.
 - Know a well-organized body of key concepts and set of principles of science.
 - Engage actively in real life scientific inquiry, critical thinking and problem solving.
 - Communicate and validate hypotheses and conclusions based on evidence and logical thinking.
 - Develop a life-long set of techniques to reflect on their own development of scientific literacy.