

ST. JOHN'S EVANGELICAL LUTHERAN SCHOOL
Curriculum in Science

The heavens declare the glory of God; the skies proclaim the work of his hands. Day after day they pour forth speech; night after night they reveal knowledge. They have no speech, they use no words; no sound is heard from them. Yet their voice goes out into all the earth, their words to the ends of the world. In the heavens God has pitched a tent for the sun. It is like a bridegroom coming out of his chamber, like a champion rejoicing to run his course. It rises at one end of the heavens and makes its circuit to the other; nothing is deprived of its warmth.

Psalm 19:1-4

Scriptural Rationale:

Knowledge of science helps students understand what makes things happen as they do in the world. The teaching of science gives students the opportunity to see in God's creation the evidence of God's love, wisdom, power and majesty. Connections made between the concepts of science and the Word of God will help students respond with love, gratitude, awe, and reverence toward their Creator.

General Objectives:

Through a study of science students will:

- Understand and appreciate that science is a study of God's creation.
- See God's omnipotence and omniscience when studying his creation.
- Use the scientific method to formulate a hypothesis, identify variables, gather data, state conclusions, and form inferences.
- Develop understanding in physical science concepts such as sound and light, electricity and magnetism, chemical building blocks, and motion forces and energy.
- Develop understanding in earth science concepts such as weather and climate, volcanoes and earthquakes, rocks, astronomy, and earth's waters.
- Develop understanding in life science concepts in the five kingdoms of living things.
- Develop understanding in the human body by learning the organ systems, cell structure, heredity, and health.

Curriculum Resources

Teachers use a variety of resources to teach Science at St. John's, including resources they create themselves to meet the needs and interests of their students. Please see below for a selection of the resources used at St. John's:

- [Science: A Closer Look](#) (Grades 1st-6th)
- [iScience](#) (Grades 7th & 8th)
- [Kesler Science](#)
- Teacher-Created Materials