
Science 8: Course Outline

General Curriculum Outcomes/Units

1) Life Science: Cells, Tissues, Organs and Systems

* Focus is on cells, tissues, organs and systems, specialization, interconnectedness and lifestyle choices that affect their proper functioning overall.

2) Physical Science: Fluids

* Exploration of properties of fluids, including viscosity and density, as well as buoyant forces and including practical applications of ideas and concepts.

3) Physical Science: Optics

* Opportunities to experience the properties of light using hands-on activities and applications to real world examples and technologies.

4) Earth Science: Water Systems on Earth

* A study of the earth's marine and fresh water systems, providing opportunities to learn about the dynamics of ocean and fresh water basins and to study the influence the ocean has on climate, economy and lifestyle.

5) STSE: Skills involved in scientific inquiry, technological advances and connections to Society and the Environment will be an ongoing part of each unit of study.

6) Science Fair Project

Assessment methods *may* include: (but are not limited to this list)

Quizzes/Tests

Multi-day Assignments

In-class work

Collections of work

Projects

Teacher Notes

Assessments will be graded using a variety of methods but marks and final grades will now be percentage based

More detailed information to follow (during term and/or with report cards)