

Science - 8th Grade and 8th Grade Honors

Course Overview:

The course covers topics in Earth Science, Life Science, and Physics. In Earth Science we focus on changes to Earth's surface through plate tectonics, seafloor spreading, and erosion events. Life science is focused on changes to life such as adaptations and heredity. In Physics, we study types of Forces and how they affect Motion. This course also focuses on helping students use scientific inquiry to discover patterns, build STEM structures, and find relationships that may be described by simple principles.

8th Grade Honors- A hybrid class that covers both the topics above through self and teacher guided modules, and the Physical Science Standards. This allows them to earn high school credit. Physical Science is the systematic study of the physical world as it relates to fundamental concepts about matter, energy and motion. A unified understanding of phenomena in physical and living systems is the culmination of all previously learned concepts related to chemistry, biology and mathematical reasoning.

Textbooks:

None

Assessments:

[8th Spring OST Assessment](#)

Formative and summative assessments using classwork, lab work, homework, projects and tests

Teacher Created Assessments

[CLICK HERE](#) for 8th Standards and Learning Goals: