



STAFFORD MUNICIPAL SCHOOL DISTRICT

Year at a Glance

Science – Grade 8

Course Description:

Grade 8 science is interdisciplinary in nature; however, much of the content focus is on earth and space science. National standards in science are organized as multi-grade blocks such as Grades 5-8 rather than individual grade levels. In order to follow the grade level format used in Texas, the various national standards are found among Grades 6, 7, and 8. Recurring themes are pervasive in sciences, mathematics, and technology. These ideas transcend disciplinary boundaries and include change and constancy, patterns, cycles, systems, models, and scale. These TEKS are currently in the revision stage with new implementation beginning in 2023. Updates to this document will occur in 2022.

Grading Periods	Unit Names
Grading Period 1	<i>Science Safety and Investigations (embedded throughout all units)</i> <i>Unit 1: Atoms and the Periodic Table</i>
Grading Period 2	<i>Unit 2: Chemical Formulas and Reactions</i> <i>Unit 3: Force and Motion</i>
Grading Period 3	<i>Unit 3: Force and Motion cont.</i> <i>Unit 4: Forces that Change the Earth</i>
Grading Period 4	<i>Unit 5: Sun, Earth, and Moon</i> <i>Unit 6: Characteristics of the Universe</i>
Grading Period 5	<i>Unit 7: Interdependence Among Living Systems</i> <i>Unit 8: Global Weather Patterns</i>
Grading Period 6	<i>STAAR Review</i> <i>Grade 8 Science STAAR</i> <i>Unit 9: Biomolecules – Prepping for Grade 9 Biology</i>

** Students will take the STAAR Science Assessment in May of their 8th grade year. Content tested will be from Grades 6-8.**