



STAFFORD MUNICIPAL SCHOOL DISTRICT

Year at a Glance

Science – Grade 7

Course Description:

Grade 7 science is interdisciplinary in nature; however, much of the content focus is on organisms and the environment. 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: Flow of Energy</i> <i>Unit 2: Force and Motion</i>
Grading Period 2	<i>Unit 3: Factors Impacting Earth System</i> <i>Unit 4: Life in Our Solar System</i>
Grading Period 3	<i>Unit 4: Life in Our Solar System cont.</i> <i>Unit 5: Organisms and the Environment</i>
Grading Period 4	<i>Unit 6: Structure and Function of Cells</i>
Grading Period 5	<i>Unit 7: Structure and Function of Living Systems</i> <i>Unit 8: Physical, Chemical, and Energy Changes</i> <i>Unit 9: Digestion</i>
Grading Period 6	<i>Unit 10: Homeostasis</i> <i>Unit 11: Genetics</i> <i>Unit 12: Genetic Variations and Adaptations</i>