



Center Elementary School

Course Syllabus

5th Grade Science

Course Description & Overview	Textbook or Curriculum Source	Assessments for Course
<p>5th Grade Science in Texas provides students with a comprehensive understanding of the natural world through hands-on investigations, data analysis, and scientific reasoning.</p> <p>Aligned with the Texas Essential Knowledge and Skills (TEKS), this course emphasizes the development of inquiry and problem-solving skills across four key areas: matter and energy, force and motion, Earth and space and organisms and environments. Students learn to think like scientists by asking questions, forming hypotheses, conducting experiments, and communicating findings.</p>	<p>HMH (Houghton Mifflin Harcourt)</p> <p>TEKS Resource System</p> <p>Sirius Education</p>	<p>Unit Assessments</p> <p>DMAC Online Assessments</p> <p>STAAR State Assessment</p>

Course Content by Grading Period

1st Grading Period	Investigating: Physical Properties of Matter, Mixtures and Force & Motion
2nd Grading Period	Investigating: Force & Motion, Energy Transformations through Circuits, and Light
3rd Grading Period	Investigating: Earth's Rotation, Weather & The Water Cycle, Earth's Pattern of Change, and Structures and Behaviors of Organisms
4th Grading Period	Investigating: Structures and Behaviors of Organisms, Ecosystems, Ecosystem Management, and Student Designed

Grading Policy

Assessments and assignments must meet the rigor required by the TEKS. Each grade level core subject committee will determine the common assessments to be used. Each core subject area will have the following minimum number of grades each nine weeks:

ELA (Reading, Phonics, Writing, Grammar) – 10

Math – 10

Social Studies – 7

Science – 7

The nine-weeks grade for Math, Science and Social Studies will be the average of the grades recorded. The nine-weeks average for ELA will be based on 50% Reading and 50% Writing.