EAGLE MOUNTAIN SAGINAW ISD
Curriculum and Instruction

Astronomy Science Parent Guide

Astronomy students will focus on patterns, processes, and relationships among astronomical objects in our universe. Students acquire basic astronomical knowledge and supporting evidence about sun-Earth-Moon relationships, the solar system, the Milky Way, the size and scale of universe, and the benefits and limitations of exploration. Students will conduct laboratory and field investigations to support their developing conceptual framework of our place in space and time. Astronomy students will engage in scientific and engineering practices across disciplines of science to make informed decisions using critical thinking and scientific problem solving. Texas Essential Knowledge and Skills for Astronomy §112.48. Astronomy. Adopted 2021

1st 6 Weeks: Introduction to Astronomy Astronomy in Society, Past and Present Constellations, Motion, and Observation Earth's Seasons The Moon	**4th 6 Weeks:** Kepler's Laws of Motion The Sun Stars
2nd 6 Weeks: Space Exploration Telescopes/Spectroscopy	**5th 6 Weeks:** Stars Galaxies
3rd 6 Weeks: Our Solar System Sizes, Scales, and Modeling	**6th 6 Weeks:** Exoplanets/Astrobiology Cosmology

Questions? Please contact your course science teacher.

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