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Description automatically generated**Astronomy Science Parent Guide**

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| 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](https://texreg.sos.state.tx.us/public/readtac$ext.TacPage?sl=R&app=9&p_dir=&p_rloc=&p_tloc=&p_ploc=&pg=1&p_tac=&ti=19&pt=2&ch=112&rl=48) | |
| 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.