**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%24ext.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 AstronomyAstronomy in Society, Past and PresentConstellations, Motion, and ObservationEarth’s SeasonsThe Moon | 4th 6 Weeks:Kepler’s Laws of MotionThe SunStars |
| 2nd 6 Weeks:Space ExplorationTelescopes/Spectroscopy | 5th 6 Weeks:StarsGalaxies |
| 3rd 6 Weeks:Our Solar SystemSizes, Scales, and Modeling | 6th 6 Weeks:Exoplanets/AstrobiologyCosmology |

**Questions?** Please contact your course science teacher.