**6th Grade On-Level Science Parent Guide**

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| This course is designed to provide students with the skills necessary to apply science concepts to their everyday life. Along with being able to ask questions and solve problems, students are able to collect and organize data, and draw conclusions based on their findings. While much of the focus is on physical science, the course is built on the following strands: scientific investigations and reasoning; matter and energy; force, motion, and energy; earth and space; and organisms and environment. Texas Essential Knowledge and Skills for Grade 6 Science [§112.18. Science, Grade 6, Adopted 2017](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=18) |
| 1st 6 Weeks:Introduction to Science/Safety Interactions in an EnvironmentProkaryotic & Eukaryotic CellsClassifications of Organisms | 4th 6 Weeks:Elements and Compounds Formation of a New Substance Metals, Nonmetals & Metalloids Density |
| 2nd 6 Weeks:Potential and Kinetic Energy Changes in Force & Motion Inclined Planes  | 5th 6 Weeks:Thermal Energy Energy TransformationsEnergy ResourcesSpace: Gravity  |
| 3rd 6 Weeks:Layers of the Earth Tectonic Plates Classifying Rocks and Minerals Classifying Minerals | 6th 6 Weeks:Space: Gravity Space: Celestial Bodies Space Exploration |

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