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Description automatically generated**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$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=18) | |
| 1st 6 Weeks: Introduction to Science/Safety  Interactions in an Environment  Prokaryotic & Eukaryotic Cells  Classifications 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 Transformations  Energy Resources  Space: 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.