



Science Curriculum Time Line



Grade 6

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|--|---|---|--|--|
| 1st Grading Period | Science Inquiry and Application | | Earth and Space Science | |
| | Thinking like a Scientist Intro to Science, Technology and Engineering: Lab Safety, Procedures/Equipment; Team Building: Process Skills, Computer Technology: engineering Design *These skills/topics should continue throughout the year. 3 weeks | | Minerals and Rocks (6.ESS.1-3) Properties, Identification, Formation of: Minerals, Sedimentary Rock, Igneous Rock, and Metamorphic Rock 6 weeks | |
| 2nd Grading Period | Earth and Space Science | | Physical Science | |
| | Soil (6.PS.4) Sampling, Properties, Formation, Soil Horizons 2 weeks | Uses of Minerals, Rocks, and Soils (6.ESS.5) Uses, Methods of Extraction, Conservation and Managements 2 weeks | Composition of Matter (6.PS.1) Atoms, Elements, Compounds, and Molecules, Mass Volume, Density 3 weeks | Changes of State (6.PS.2) Thermal Energy, Particle Motion, Phase Change, Conservation of Mass 2 weeks |
| 3rd Grading Period | Physical Science | | Life Science | |
| | Energy (6.PS.3) Kinetic and Potential 3 weeks | Motion and Speed (6.PS.4) Speed, Creating/Interpreting Graphs, Circular Motion 3 weeks | Modern Cell Theory... (Continues in 4 th Grading Period) (6.LS.1-4) Types of Cells, Cell Observations, Cell Division, Cellular Reproduction, Levels of Organization, Diverse Body Plans 3 weeks | |
| 4th Grading Period | Life Science | | | |
| | ...Modern Cell Theory Continued (Continued from the 3 rd Grading Period) (6.LS.1-4) 9 weeks | | | |