

ACS 6th Grade Science Pacing Guide

Quarter 1 - 1st Nine Weeks			
Unit Sequence	Standards	Days/Weeks	Lessons
Scientific Processes and Skills Science and Engineering Practices Lab Safety Variables Graphing	Basic skills set students up for success throughout the year and all Science classes	1 - 2 weeks	
Matter: Properties & Change Atoms Changes in Matter CFA Energy: Conservation and Transfer Thermal Energy	6.P.2.1 6.P.2.2, 6.P.2.3 6.P.3.1, 6.P.3.3	3 - 4 weeks	Matter 6.P.1, 6.P.2, 6.P.3, W.6.2 Matter 6.P.2 Matter 6.P.2 Energy 6.P.1.1, 6.P.1.2, 6.P.1.3, W 6.2

[DPI Grade 6 Essential Standards](#),
 [DPI Grade 6 Unpacking](#),
 [DPI Grade 6 Unit Alignment](#),
 [DPI Grade 6 Assessment Examples](#)

Quarter 2 - 2nd Nine Weeks			
Unit Sequence	Standards	Days/Weeks	Lessons
<p>Forces & Motion</p> <p>Properties of Waves Sound Waves (The Ear) Light Waves (The Eye) Electromagnetic Spectrum/Waves Energy: Conservation and Transfer Electromagnetic Waves</p> <p>CFA</p>	<p>6.P.1.1 6.P.1.2 6.P.1.3</p> <p>6.P.3.2</p>		<p>Waves 6.P.1</p> <p>Energy Transfer 6.P.3.1, 6.P.3.3, 6.P.1.2, W.6.2</p> <p>Light and Energy 6.P.1.1</p> <p>Sound and the Ear 6.P.1.1, 6.P.1.3, W.6.2</p> <p>Sound Energy and The Ear 6.P.1.2</p> <p>Light and the Eye 6.P.1.1, 6.P.1.2, W 6.2</p>
<p>Earth in the Universe</p> <p>Earth/Sun/Moon System Solar System Space Exploration</p> <p>CFA</p>	<p>6.E.1.1 6.E.1.2 6.E.1.3</p>		<p>Solar System 6.E.1</p> <p>Earth, Sun, Moon System W.6.2</p> <p>Earth and Moon 6.E.1.1</p> <p>Space 6.E.1.1</p>

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Quarter 3 - 3rd Nine Weeks			
Unit Sequence	Standards	Days/Weeks	Lessons
Forces Shaping Earth Earth's Layers Plate Tectonics & Seismic Waves Rock Cycle & Soil Formation CFA	6.E.2.1 6.E.2.2 6.E.2.3, 6.E.2.4		Earth 6.E.2 Layers of Earth and Plate Tectonics 6.E.2.1, 6.E.2.2, W 6.2

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Quarter 4 - 4th Nine Weeks			
Unit Sequence	Standards	Days/Weeks	Lessons
Plants Structure/Function of Flowering Plants Significance of Plant Processes To demonstrate the growth of plants, students will integrate all of the factors that affect plant growth throughout the year. CFA Ecosystems Flow of Energy through Ecosystems Tropism Biomes CFA	6.L.2.1 6.L.2.2 6.L.2.3		Circulatory System/Research Writing 6.L.1 Plants 6.L.2.1 Ecosystems

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