

QUARTER 1

<u>Nature of Science:</u> Timing: Approximately 10 days		<u>Unit : Energy and Energy Transformations</u> Timing: Approximately 16 days		<u>Unit : Energy and Energy Transformations</u> Timing: Approximately 16 days	
Lesson Guide	Standards	Lesson Guide	Standards	Lesson Guide	Standards
<u>Experimental Design and Safety</u>	<u>**SC.7.N.1.1</u> <u>**SC.7.N.1.6</u> <u>*SC.7.N.1.2</u> <u>**SC.7.N.1.7</u> <u>**SC.7.N.1.3</u> <u>**SC.7.N.2.1</u> <u>**SC.7.N.1.4</u> <u>*SC.7.N.3.1</u> <u>*SC.7.N.1.5</u> <u>**SC.7.N.3.2</u>	<u>Properties of Waves</u> <u>Electromagnetic Spectrum and Light Waves</u> <u>Waves Through Different Media</u>	<u>SC.7.P.10.1</u> <u>SC.7.P.10.2</u> <u>SC.7.P.10.3</u> <u>SC.7.P.11.2</u>	<u>Energy Conversion and Conservation</u> <u>Temperature</u> <u>Thermal Energy and Heat</u>	<u>SC.7.P.10.1</u> <u>SC.7.P.10.3</u> <u>SC.7.P.11.1</u> <u>SC.7.P.11.2</u> <u>SC.7.P.11.3</u> <u>SC.7.P.11.4</u> <u>SC.912.P.10.5</u> (Advanced) <u>SC.912.P.10.1</u> (Advanced)

End of QUARTER 1

QUARTER 2

<u>Unit : Earth Structures</u> Timing: Approximately 12 days		<u>Unit : Earth Structures</u> Timing: Approximately 16 days		<u>Unit : Earth Structures</u> Timing: Approximately 12 days	
Lesson Guide	Standards	Lesson Guide	Standards	Lesson Guide	Standards
<u>Geologic Change Over Time</u> <u>Relative Dating</u> <u>Absolute Dating</u>	<u>SC.7.E.6.1</u> <u>SC.7.E.6.2</u> <u>SC.912.E.6.1</u> (Advanced)	<u>Earth's Layers and Rock Cycle</u> <u>Theory of Plate Tectonic</u> <u>Mountain Building, Earthquakes, and Volcanoes</u>	<u>SC.7.E.6.5</u> <u>SC.7.E.6.7</u> <u>SC.912.E.6.3</u> (Advanced)	<u>Human Impact on Land</u> <u>Human Impact on Water and Air</u>	<u>SC.7.E.6.3</u> <u>SC.7.E.6.4</u> <u>SC.7.E.6.6</u> <u>HE.7.C.1.3</u>

End of QUARTER 2

QUARTER 3

<u>Unit :Heredity and Reproduction</u> Timing: Approximately 12 days		<u>Unit :Heredity and Reproduction</u> Timing: Approximately 12 days		<u>Unit : Evolution and Interdependence of Organisms</u> Timing: Approximately 16 days	
Lesson Guide	Standards	Lesson Guide	Standards	Lesson Guide	Standards
<u>Mitosis and asexual Reproduction</u>	<u>SC.7.L.16.1</u> <u>SC.7.L.16.3</u> <u>SC.7.L.16.4</u>	<u>Heredity</u>	<u>SC.7.L.16.1</u> <u>SC.7.L.16.2</u> <u>SC.7.L.16.4</u>	<u>Theories, Laws, Hypothesis, Models</u>	<u>SC.7.L.15.1</u> <u>SC.7.L.15.2</u> <u>SC.7.L.15.3</u>
<u>Meiosis and Sexual Reproduction</u>	<u>SC.912.L.16.16</u> (Advanced) <u>HE.7.C.1.7</u>	<u>Punnett Squares</u>	<u>SC.912.L.16.2</u> (Advanced)	<u>Theories of Evolution</u>	<u>SC.912.L.15.6</u> (Advanced)
				<u>Evidence of Evolution</u>	<u>SC.912.L.15.13</u> (Advanced)

End of QUARTER 3

QUARTER 4

<u>Unit : Evolution and Interdependence of Organisms</u> Timing: Approximately 22 days		<u>Review & Bridge</u> Timing: Approximately 20 days
Lesson Guide	Standards	Benchmarks
<u>Role of Energy Transfer</u>	<u>SC.7.L.17.1</u> <u>SC.7.L.17.2</u> <u>SC.7.L.17.3</u> <u>SC.912.L.17.9</u> (Advanced)	<u>Review</u>
<u>Interaction in Communities</u>	<u>SC.912.L.17.6</u> (Advanced)	Bridge to Comprehensive Science III
<u>Limiting Factors</u>		

End of QUARTER 4 / End of Course Exam