

CONTENT AREA: Science

GRADE LEVEL: 6th

UNIT/ ESSENTIAL QUESTION	APPROX. START TIME	APPROX. END TIME	TEXT(S)/RESOURCES	TARGETED UNDERSTANDING (PURPOSE)	CONTENT STANDARD(S)	CONNECTED WRITING/COMMON ASSESSMENT(S)
<b>Ecosystems</b>  How do populations change as they adapt to each other and to changes in the environment?	9/13	12/13	Prentice Hall Environmental Science  Teacher Developed Nest Box Unit	The health of an ecosystem is dependent on the diversity and interaction of organisms within the system.	Life Science 13,14,15,16,17,18 Tech/ Engineering 1.2,1.3,4.1,4.2,4.3, 4.4	Website Project Environmental Science Chapter One Test Food Webs Test Nest Box Construction
<b>GeoHistory</b>  What changes has Earth seen in 4.6 billion years?	1/14	2/14	Prentice Hall Earth's Changing Surface Fossil Kit iPad/Computer Lab	The geologic time scale is determined using evidence from the fossil record, the geologic record and carbon dating.	Earth and Space Science 7	Student Created Timeline GeoHistory Test
<b>Plate Tectonics</b>  How is Earth a dynamic system affected by internal forces such as heat and convection currents?	2/14	4/14	Prentice Hall Inside Earth iPad/Computer Lab Drafting Lab Se	Forces are constantly at work changing Earth's surface, some slowly and others cataclysmically.	Earth and Space Science 1,2,3,5	Layers of the Earth Test Layers of the Earth Scale Drawing Persuasive Letter from Alfred Wegener Sea Floor Profile Graph Inside Earth Chapter One Test

<p><b>Weathering, Erosion and Soil</b></p> <p>What forces affect change on Earth's surface?</p>	<p>4/14</p>	<p>6/14</p>	<p>MIT Developed Soil Station Lab iPad/Computer Lab</p>	<p>Weathering, erosion and deposition are a result of the action of gravity, wind and water on Earth's surface, creating a variety of physical features.</p>	<p>Earth and Space Science 1,6</p>	<p>Day in the Life of a Rock Story of Weathering and Erosion Soil Station Lab Report</p>
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