

## Belle Heth 4<sup>th</sup> Grade Social Studies Pacing Guide- revised 2010

Time	Grade 4 SOL	Essential Knowledge and Skills	Instructional Resources
Unit-Going Throughout the year	VS.1 The student will develop	<p>a) identify the layers of Earth's atmosphere and hydrosphere</p> <p><b>atmosphere</b> - the outermost layer of Earth</p> <p><b>hydrosphere</b> - contains all of the Earth's water</p> <p><b>geosphere</b> - has three main parts: a metallic core, a solid mantle, and a rocky outer layer</p> <p><b>biosphere</b> - parts of Earth that contain living organisms</p>	<p>atmosphere</p> <p>hydrosphere</p> <p>geosphere</p> <p>biosphere</p>
<b>Lesson 1.1 - Earth's Interior</b>			
		<p><b>seismic wave</b> - vibrations that travel through Earth carrying the energy released during an earthquake. Scientists use seismic waves to learn about the Earth's interior</p> <p><b>crust</b> - the layer of rock that forms Earth's outer surface</p> <p><b>mantle</b> - the layer of hot, semi-molten rock between Earth's crust and core</p> <p><b>outer core</b> - a layer of molten iron and nickel that surrounds the inner core of Earth</p> <p><b>inner core</b> - a dense sphere of solid iron and nickel at the center of the Earth</p>	