

<b>PreK-Kindergarten</b>	
<b>Core Themes, Content Standards and Expected Performances</b>	
<b>Content Standards</b>	<b>Expected Performances</b>
<ul style="list-style-type: none"> <li>• <i>Energy in the Earth’s Systems – How do external and internal sources of energy affect the Earth’s systems? (EARTH)</i></li> <li>• <b>K.3 - Weather conditions vary daily and seasonally.</b></li> <li>• Daily and seasonal weather conditions affect what we do, what we wear and how we feel.</li> </ul>	<p><b>A7</b> Describe and record daily weather conditions.</p> <p><b>A8</b> Relate seasonal weather patterns to appropriate choices of clothing and activities.</p> <p><b><u>STC Weather</u></b></p>
<ul style="list-style-type: none"> <li>• <i>Properties of Matter – How does the structure of matter affect the properties and uses of materials? (PHYSICAL)</i></li> <li>• <b>K.1 - Objects have properties that can be observed and used to describe similarities and differences.</b></li> <li>• Some properties can be observed with the senses, and others can be discovered by using simple tools or tests.</li> </ul>	<p><b>A1</b> Use the senses and simple measuring tools, such as rulers and equal-arm balances, to observe common objects and sort them into groups based on size, weight, shape or color.</p> <p><b>A2</b> Sort objects made of materials such as wood, paper and metal into groups based on properties such as flexibility, attraction to magnets, and whether they float or sink in water.</p> <p><b>A3</b> Count objects in a group and use mathematical terms to describe quantitative relationships such as: same as, more than, less than, equal, etc.</p>
<ul style="list-style-type: none"> <li>• <i>Science and Technology in Society – How do science and technology affect the quality of our lives? (PHYSICAL)</i></li> <li>• <b>K.4 - Some objects are natural, while others have been designed and made by people to improve the quality of life.</b></li> <li>• Humans select both natural and man-made materials to build shelters based on local climate conditions, properties of the materials and their availability in the environment.</li> </ul>	<p><b>A9</b> Describe the types of materials used by people to build houses, and the properties that make the materials useful.</p> <p><b><u>CURRENT FOSS KIT: WOOD</u></b></p>
<ul style="list-style-type: none"> <li>• <i>Heredity and Evolution – What processes are responsible for life’s unity and diversity? (BIO)</i></li> <li>• <b>K.2 - Many different kinds of living things inhabit the Earth.</b></li> <li>• Living things have certain characteristics that distinguish them from nonliving things, including growth, movement, reproduction and response to stimuli.</li> </ul>	<p><b>A4</b> Describe the similarities and differences in the appearance and behaviors of plants, birds, fish, insects and mammals (including humans).</p> <p><b>A5</b> Describe the similarities and differences in the appearance and behaviors of adults and their offspring.</p> <p><b>A6</b> Describe characteristics that distinguish living from nonliving things.</p> <p><b><u>CURRENT FOSS KIT: TREE</u></b></p>

