

Grade 3	
Core Themes, Content Standards and Expected Performances	
Content Standards	Expected Performances
<p><i>The Changing Earth – How do materials cycle through the Earth’s systems?(EARTH)</i></p> <p>3.3 - Earth materials have different physical and chemical properties.</p> <p>Rocks and minerals have properties that may be identified through observation and testing; these properties determine how earth materials are used.</p>	<p>B5 -Describe the physical properties of rocks and relate them to their potential uses.</p> <p>B6 -Relate the properties of rocks to the possible environmental conditions during their formation.</p> <p><u>KIT : ROCKS/MINERALS</u></p>
<p><i>Properties of Matter – How does the structure of matter affect the properties and uses of materials? (PHYS)</i></p> <p>3.1 - Materials have properties that can be identified and described through the use of simple tests.</p> <p>◆ Heating and cooling cause changes in some of the properties of materials.</p>	<p>B1 -Sort and classify materials based on properties such as dissolving in water, sinking and floating, conducting heat, and attracting to magnets.</p> <p>B2 -Describe the effect of heating on the melting, evaporation, condensation and freezing of water.</p> <p><u>STC KIT: CHEMICAL TESTS</u></p>
<p><i>Science and Technology in Society – How do science and technology affect the quality of our lives? (EARTH)</i></p> <p>3.4 - Earth materials provide resources for all living things, but these resources are limited and should be conserved.</p> <p>Decisions made by individuals can impact the global supply of many resources.</p>	<p>B7 Describe how earth materials can be conserved by reducing the quantities used, and by reusing and recycling materials rather than discarding them.</p> <p><u>REQUIRED CMT EMBEDDED TASK: SOGGY PAPER</u></p>
<p><i>Heredity and Evolution – What processes are responsible for life’s unity and diversity? (BIO)</i></p> <p>3.2 - Organisms can survive and reproduce only in environments that meet their basic needs.</p> <p>◆ Plants and animals have structures and behaviors that help them survive in different environments.</p>	<p>B3 -Describe how different plants and animals are adapted to obtain air, water, food and protection in specific land habitats.</p> <p>B4 -Describe how different plants and animals are adapted to obtain air, water, food and protection in water habitats.</p>
<p><i>Structure and Function – How are organisms structured to ensure efficiency and survival? (BIO)</i></p> <p>2.2 - Plants change their form as part of their life cycles.</p> <p>The life cycles of flowering plants include seed germination, growth, flowering, pollination and seed dispersal.</p>	<p>A 19 -Describe the life cycles of flowering plants as they grow from seeds, proceed through maturation and produce new seeds.</p> <p>A20 - Explore and describe the effects of light and water on seed germination and plant growth.</p> <p><u>STC KIT: PLANT GROWTH</u></p>

