

Grade 2	
Core Themes, Content Standards and Expected Performances (subject to rotation order)	
Content Standards	Expected Performances
<p><i>Properties of Matter – How does the structure of matter affect the properties and uses of materials? (PHY)</i></p> <p>2.1 - Materials can be classified as solid, liquid or gas based on their observable properties.</p> <p>Solids tend to maintain their own shapes, while liquids tend to assume the shapes of their containers, and gases fill their containers fully.</p>	<p>A18 Describe differences in the physical properties of solids and liquids.</p> <p><u>STC: Solid/Liquid</u></p>
<p><i>The Changing Earth – How do materials cycle through the Earth’s systems? (EARTH)</i></p> <p>2.3 - Earth materials have varied physical properties which make them useful in different ways.</p> <p>Soils can be described by their color, texture and capacity to retain water.</p> <p>Soils support the growth of many kinds of plants, including those in our food supply.</p>	<p>A21 Sort different soils by properties, such as particle size, color and composition.</p> <p>A22 Relate the properties of different soils to their capacity to retain water and support the growth of certain plants.</p> <p><u>STC: Soil</u></p>
<p><i>Science and Technology in Society – How do science and technology affect the quality of our lives? (BIO)</i></p> <p>2.4 - Human beings, like all other living things, have special nutritional needs for survival.</p> <p>The essential components of balanced nutrition can be obtained from plant and animal sources.</p> <p>People eat different foods in order to satisfy nutritional needs for carbohydrates, proteins and fats.</p>	<p>A23 Identify the sources of common foods and classify them by their basic food groups.</p> <p>A24 Describe how people in different cultures use different food sources to meet their nutritional needs.</p>
<p><i>Structure and Function – How are organisms structured to ensure efficiency and survival? (BIO)</i></p> <p>1.3 - Organisms change in form and behavior as part of their life cycles.</p> <p>Some organisms undergo metamorphosis during their life cycles; other organisms grow and change, but their basic form stays essentially the same.</p>	<p>A15 Describe the changes in organisms, such as frogs and butterflies, as they undergo metamorphosis.</p> <p>A16 Describe the life cycles of organisms that grow but do not metamorphose.</p> <p><u>Butterflies</u></p>