

Science Unit Map ~ Grade 2 ~ Kit A

Trimester Focus:

Measurement

Big Ideas:

- Objects and substances can be described by their properties and through measurement.
- Objects and substances can be classified as single substances or mixtures and single substances can be combined to make mixtures.

Resources	GLCEs	Battle Creek Kit Activity	Vocabulary
<p><u>Battle Creek Kit:</u> "Measuring Matters"</p> <p><u>Trade Books:</u></p> <p><i>Measuring Penny</i>, Loreen Leedy, 1998</p> <p><i>How Big Is A Foot?</i>, Rolf Myller, 1991</p> <p><u>Technology:</u> Please see additional resources in your unit binder.</p>	<p style="text-align: center;">Properties of Matter</p> <p>P.PM.02.12 Describe objects and substances according to their properties (color, size, shape, texture, hardness, liquid or solid, sinking or floating).</p> <p>P.PM.02.13 Measure the length of objects using rulers (centimeters) and meter sticks (meters).</p> <p>P.PM.02.14 Measure the volume of liquids using common measuring tools (measuring cups, measuring spoons, graduated cylinders and beakers)</p> <p>P.PM.02.15 Compare objects using a balance.</p> <p>P.PM.02.41 Recognize that some objects are composed of single substances (water, sugar, salt) and others are composed of more than one substance (salt and pepper, mixed dry beans).</p>	<p>2, 5, 7, 9, & 11</p> <p>1, 2, 3, 4, & 5</p> <p>6, 7, 8, & 10</p> <p>9, & 10</p> <p>7, 11, 12, & 13</p>	<p>balance classify color liquid mixture properties ruler shape size texture hardness solid sink float length meter stick centimeter (cm) meter (m) volume measuring cup measuring spoon compare single substance mass</p>

<p><u>Technology:</u> Please see additional resources in your unit binder.</p>	<p>Water Movement</p> <p>E.FE.02.21 Describe how rain collects on the surface of the Earth and flows downhill into bodies of water (streams, rivers, lakes, oceans) or into the ground.</p> <p>E.FE.02.22 Describe the major bodies of water on the Earth's surface (lakes, ponds, oceans, rivers, streams).</p>	<p>4, 5, 6, 7, 8, 9, 12, 13, & 14</p> <p>1, 2, 4, 5, 9, 11, 13, & 14</p>	
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Science Unit Map ~ Grade 2 ~ Kit C

Trimester Focus:

Plants

Big Ideas:

- Plants need air, water, and sunlight to survive.
- Plants have a life cycle that includes seed, seedling or young plant, adult plant, flower, fruit and seed.
- Plants have characteristics that are passed from the parent plant.

Resources	GLCEs	Battle Creek Kit Activity	Vocabulary
<p><u>Battle Creek Kit:</u> "A Plant's Life"</p> <p><u>Trade Books:</u> <i>The Pumpkin Circle</i>, George Levenson, 1999</p> <p><i>The Tiny Seed</i>, Eric Carle, 1970</p> <p><i>Jack's Garden</i>, Henry Cole, 1997</p> <p><u>Technology:</u> Please see additional resources in your unit binder.</p>	<p style="text-align: center;">Organization of Living Things</p> <p>L.OL.02.14 Identify the needs of plants.</p> <p>L.OL.02.22 Describe is to tell or depict in spoken or written words the life cycle of familiar flowering plants using the stages of seed, plant, flower, and fruit.</p> <p>L.HE.02.13 Identify characteristics of plants (for example: leaf shape, flower type, color, size) that are passed on from parent to young.</p>	<p>1, 2, 3, 4, 5, 6, 7, 8, 9, 12, & 13</p> <p>1, 2, 3, 4, 5, 6, 10, 11, 12, & 13</p> <p>2, 3, & 5</p>	<p>flowering plants needs of plants air water light food life cycle seed plant flower fruit characteristics leaf shape flower type color size parent young</p>