

## Science Unit Map ~ Grade K ~ Kit B

### **Kit B Focus:**

Basic Needs of Living Things

### **Big Ideas:**

- All living things have basic needs (air, water, food and space).
- Nonliving things do not have these basic needs.

Resources	GLCEs	Battle Creek Kit Activity	Vocabulary
<p><u>Battle Creek Kit:</u> "Is It Living"</p> <p><u>Trade Books:</u></p> <p><i>One Small Square</i>, Donald Silver, 1997</p> <p><i>Under One Rock</i>, Anthony D. Fredericks, 2001</p> <p><i>Animals and Their Babies</i>, Melvin Berger, 1993</p> <p><i>The Tiny Seed</i>, Eric Carle, 1987</p> <p><i>Wonderful Worms</i>, Linda Glaser, 1992</p> <p><u>Technology:</u> Please see additional resources in your unit binder</p>	<p><b>Organization of Living Things</b></p> <p><b>L.OL.00.11</b> Recognize that living things have basic needs.</p> <p><b>L.OL.00.12</b> Identify and compare living and nonliving things</p> <p><b>E.SE.00.12</b> Describe how earth materials contribute to plant and animal life.</p> <p><b>S.IP.00.11</b> Make purposeful observation of living and nonliving things using the appropriate senses.</p> <p><b>S.IP.00.12</b> Generate questions about living things based on observations.</p> <p><b>S.IP.00.13</b> Plan and conduct simple investigations into the basic needs of living things.</p> <p><b>S.IP.00.14</b> Manipulate simple tools (hand lens, balances) that aid observation and data collection.</p>	<p>3,4,5,6</p> <p>1,2,3,5,10</p> <p>3,4,5,6,</p> <p>3,5,7,10</p> <p>5,7</p> <p>3,7</p> <p>5</p>	<p>living things</p> <p>basic needs</p> <p>nonliving things</p> <p>air</p> <p>water</p> <p>food</p> <p>plants</p> <p>animals</p> <p>survive</p>

	<p><b>S.IP.00.16</b> Construct simple charts from data and observations of living things.</p> <p><b>S.IA.00.12</b> Share ideas about the needs of living things through purposeful conversation.</p> <p><b>S.IA.00.13</b> Communicate and present findings of observations of living things.</p> <p><b>S.IA.00.14</b> Develop strategies for information gathering (ask an expert, use a book, make observations, conduct simple investigations, and watch a video).</p> <p><b>S.RS.00.11</b> Demonstrate science concepts about the needs of living things through illustrations, performances, models, exhibits, and activities.</p>	<p>1,4,8,9</p> <p>2,3,5,6,7,8,9,10,11</p> <p>1,3,4,5,6,7,8,9,10,12</p> <p>3,5,6,8,10,11</p> <p>9,10,11,12</p>	
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