



Science

**GRADE LEVEL:** 7th Grade

<b><u>Month</u></b>	<b>Theme/Topic for the Month</b>	<b>UNIT Plan/Lessons</b>
<b>Aug/Sept</b>	Introduction Science	<ol style="list-style-type: none"> <li>1. Lab Safety</li> <li>2. Scientific Method</li> <li>3. Graphing</li> <li>4. Types of variables</li> </ol>
<b>October</b>	Unit 1: What makes things alive?	<ol style="list-style-type: none"> <li>1. 4 characteristics of life</li> <li>2. Systems of organization</li> </ol>
<b>October/November</b>	Unit 2: Types of cells	<ol style="list-style-type: none"> <li>1. Prokaryotes vs eukaryotes</li> <li>2. Viruses vs bacteria</li> <li>3. Bacteria wanted poster</li> </ol>
<b>November/December</b>	Unit 3: Cells and Microscopes	<ol style="list-style-type: none"> <li>1. Cell organelles</li> <li>2. How to use a microscope</li> <li>3. Various samples of microscopes</li> </ol>
<b>January</b>	Unit 4: DNA	<ol style="list-style-type: none"> <li>1. DNA structure</li> <li>2. DNA use</li> <li>3. Purpose of DNA</li> </ol>
<b>January/February</b>	Unit 5: DNA inheritance	<ol style="list-style-type: none"> <li>1. Punnett squares</li> <li>2. Genetic diseases</li> </ol>
<b>March/April</b>	Unit 6: Cell division	<ol style="list-style-type: none"> <li>1. Purpose of cell division</li> <li>2. Steps of mitosis</li> </ol>

<b>May</b>	Unit 7: Body systems	<ol style="list-style-type: none"><li>1. Types of body system,</li><li>2. Human body system presentation</li></ol>
<b>May/June</b>	Unit 8: Dissection	<ol style="list-style-type: none"><li>1. Worms</li><li>2. Owl pellets</li><li>3. Frogs</li></ol>