

**YoungstownCity Schools  
Science Pacing Guide  
Grade 1**

**GRADING PERIOD 3**

Strand/Topic/ Content Statement	Duration	“I Can” Statements	Curriculum Resources	Supplemental Materials
<p><b>EARTH &amp; SPACE SCIENCE</b></p> <p><b>Sun, Energy, and Weather</b></p> <p>The physical properties of water change</p>	<p>6 Weeks</p>	<p><b>Topic “I Can” Statement:</b></p> <p>I can describe how the physical properties of water can change.</p> <p><b>Science Inquiry and Application “I Can” Statements:</b></p> <p>I can observe and ask questions about the natural environment.</p> <p>I can plan and conduct simple investigations.</p> <p>I can employ simple equipment and tools to gather data and extend the senses.</p> <p>I can use appropriate mathematics with data to construct reasonable explanations.</p> <p>I can communicate about observations, investigations, and explanations.</p> <p>I can review and ask questions about the observations and explanations of other.</p>	<p><u>Textbook:</u></p> <ul style="list-style-type: none"> <li>• How Can Water Change?</li> </ul> <p><u>Other:</u></p> <p>Lessons</p> <ul style="list-style-type: none"> <li>• Ice Cube Meltdown</li> <li>• How Ice Changes</li> <li>• Where Can Water Be Observed?</li> <li>• Earth’s Water</li> </ul> <p><u>Ohio Department of Education - Science:</u> <a href="http://education.ohio.gov/Topics/Ohio-s-New-Learning-Standards/Science">http://education.ohio.gov/Topics/Ohio-s-New-Learning-Standards/Science</a></p>	<p><u>DiscoveryEd:</u></p> <ul style="list-style-type: none"> <li>• Water Smart: Water on Earth</li> <li>• Properties of Matter Part 2</li> <li>• A First Look: Solids, Liquids, and Gases (Segments 1-6)</li> </ul>

**Youngstown City Schools Science  
Pacing Guide Grade 1**

**GRADING PERIOD 3**

Strand/Topic/ Content Statement	Duration	“I Can” Statements	Curriculum Resources	Supplemental Materials
<p><b>EARTH &amp; SPACE SCIENCE</b></p> <p><b>Sun, Energy, and Weather</b></p> <p>The Sun is the principal source of energy.</p>	<p>3 Weeks</p>	<p><b>Topic “I Can” Statement:</b></p> <p>I can explain that the sun is a source of energy.</p> <p><b>Science Inquiry and Application “I Can” Statements:</b></p> <p>I can plan and conduct simple investigations.</p> <p>I can employ simple equipment and tools to gather data and extend the senses.</p> <p>I can use appropriate mathematics with data to construct reasonable explanations.</p> <p>I can communicate about observations, investigations, and explanations.</p> <p>I can review and ask questions about the observations and explanations of other.</p>	<p><u>Textbook:</u></p> <ul style="list-style-type: none"> <li>• How Does the Sun Change Things?</li> </ul> <p><u>Other:</u></p> <p>Lessons</p> <ul style="list-style-type: none"> <li>• The Sun</li> <li>• Solar Heating</li> <li>• What’s the Temperature?</li> </ul> <p><u>Ohio Department of Education - Science:</u> <a href="http://education.ohio.gov/Topics/Ohio-s-New-Learning-Standards/Science">http://education.ohio.gov/Topics/Ohio-s-New-Learning-Standards/Science</a></p>	<p><u>DiscoveryEd:</u></p> <ul style="list-style-type: none"> <li>• Hands-On Weather: Part 2-More Weather Experiments -Measuring Heat -A Look at How Land Heats Up</li> <li>• Weather: Changes and Measurement</li> <li>• The Sun and Earth (a segment of “Our Home in Space”)</li> </ul> <p><u>SMARTBoard Lessons:</u></p> <ul style="list-style-type: none"> <li>• The Sun</li> <li>• “Temperature, Temperature Vocabulary, and Weather” (SMART Notebook Lesson)</li> </ul>