

**Youngstown City Schools  
Science Pacing Guide  
Kindergarten**

**GRADING PERIOD 2**

Strand/Topic/ Content Statement	Duration	“I Can” Statements	Curriculum Resources	Supplemental Materials
<p><b>PHYSICAL SCIENCE</b></p> <p><b>Properties of Everyday Objects and Materials</b></p> <p>Objects and materials can be sorted and described by their properties.</p>	<p>5 Weeks</p>	<p><b>Topic “I Can” Statement:</b></p> <p>I can observe, explore, describe, and compare the properties of objects and materials.</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 Matter Be Sorted?</li> <li>• How Can Matter Be Described</li> </ul> <p><u>Other:</u></p> <p>Lessons</p> <ul style="list-style-type: none"> <li>• Sorting</li> <li>• How Can I Sort</li> <li>• Sorting Matter</li> <li>• Sorting By 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>• Science Facts and Fun: Everything is Something (Segment 1)</li> </ul> <hr/>

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<p><b>PHYSICAL SCIENCE</b></p> <p><b>Properties of Everyday Objects and Materials</b></p> <p>Some objects and materials produce sound.</p>	<p>4 Weeks</p>	<p><b>Topic “I Can” Statement:</b></p> <p>I can observe, explore, describe, and compare the properties of objects and materials in regard to the production of sound.</p> <p>I can observe and ask questions about the natural environment.</p> <p>I can create sound in a variety of ways, such as tapping, blowing, and plucking.</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>• What Causes Sound?</li> <li>• How Does Sound Travel?</li> <li>• How Do We Make Different Sounds?</li> </ul> <p><u>Other:</u></p> <p>Lessons</p> <ul style="list-style-type: none"> <li>• Exploring Sound</li> <li>• Making a Shaker</li> <li>• How Sounds Are Different</li> </ul> <p>ISM Lessons</p> <ul style="list-style-type: none"> <li>• Properties of Sound</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>• Science Facts and Fun: Everything is Something(Segment 1)</li> </ul> <hr/>