

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

GRADING PERIOD 2

Strand/Topic/Content Statement	Duration	“I Can” Statements	Curriculum Resources	Supplemental Materials
<p style="text-align: center;">PHYSICAL SCIENCE</p> <p>Motion and Materials</p> <p>Properties of objects and materials change.</p>	<p>5 Weeks</p>	<p>Topic “I Can” Statement:</p> <p>I understand that changes occur in objects and materials.</p> <p>Science Inquiry and Application “I Can” Statements:</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"> • How Do Things Move? • How Can We Change the Way Things Move? • How Does Gravity Make Things Move? <p>_____</p> <p>Lessons</p> <ul style="list-style-type: none"> • Making Ramps • What Can We Do to Change These Things <p><u>Ohio Department of Education - Science:</u> http://education.ohio.gov/Topics/Ohio-s-New-Learning-Standards/Science</p>	<p><u>DiscoveryEd:</u></p> <ul style="list-style-type: none"> • Blue Dragon, The: Slipping and Sliding (All Segments) • How Things Move (All segments) <p><u>SMARTBoard Lessons:</u></p> <ul style="list-style-type: none"> • “Force and Motion” (SMART Notebook Lesson) • “On the Move” (SMART Notebook Lesson)

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

GRADING PERIOD 2

Strand/Topic/Content Statement	Duration	“I Can” Statements	Curriculum Resources	Supplemental Materials
<p style="text-align: center;">PHYSICAL SCIENCE</p> <p>Motion and Materials</p> <p>Objects can be moved in a variety of ways, such as straight, zigzag, circular, and back and forth.</p>	<p>4 Weeks</p>	<p>Topic “I Can” Statement:</p> <p>I understand that changing the position of an object is a result of pushing or pulling.</p> <p>Science Inquiry and Application “I Can” Statements:</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> <p>NA</p> <p><u>Other:</u></p> <p>Lessons</p> <ul style="list-style-type: none"> • Motion Introduction • Changing Directions • Causes & Effects of Motion <p><u>Ohio Department of Education - Science:</u> http://education.ohio.gov/Topics/Ohio-s-New-Learning-Standards/Science</p>	<p><u>DiscoveryEd:</u></p> <ul style="list-style-type: none"> • Identifying Properties of Matter • Properties of Matter part 2 • Two Chemical Experiments (Magic School Bus) • How Things Move <p><u>SMARTBoard Lessons:</u></p> <ul style="list-style-type: none"> • Categorize Objects • Solids, Liquids, Gases • Forces and Movement