

**Youngstown City Schools
Science Pacing Guide
Grade 2**

GRADING PERIOD 2

Strand/Topic/Content Statement	Duration	“I Can” Statements	Curriculum Resources	Supplemental Materials
<p>PHYSICAL SCIENCE</p> <p>Changes in Motion</p> <p>Forces Change the motion of an object.</p>	<p>5 Weeks</p>	<p>Topic “I Can” Statement:</p> <p>I can observe the relationship between forces and motion.</p> <p>Science Inquiry and Application “I Can” Statements:</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"> • How Do Things Move? • How Can We Change the Way Things Move? • How Does Gravity Make Things Move? • How Do Magnets Make Things Move? <p><u>Other:</u></p> <p>Lessons</p> <ul style="list-style-type: none"> • Force and Motion • Third’s the Charm • Egg Drop • Attract and Repel <p>IMS Lessons</p> <ul style="list-style-type: none"> • On the Trail <p><u>Ohio Department of Education - Science:</u> http://education.ohio.gov/Topics/Ohio-s-New-Learning-Standards/Science</p>	<p><u>SMARTBoard Lessons:</u></p> <ul style="list-style-type: none"> • Force and Gravity • May the Forces of Push and Pull be With You • On the Move • Energy and Motion

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<p>EARTH & SPACE SCIENCE</p> <p>The Atmosphere</p> <p>The atmosphere is made up of air. Water is present in the air.</p>	<p>4 Weeks</p>	<p>Topic “I Can” Statement:</p> <p>I can observe how air and water relate to weather and weather changes. I can measure the relationships between air and water.</p> <p>I can observe and ask questions about the natural environment.</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"> • What is the water cycle? • How is the water cycle related to weather? <p><u>Other:</u></p> <p>Lessons</p> <ul style="list-style-type: none"> • Air Pressure • It’s Windy • Tornadoes and Hurricanes • Where Does Water Come From? <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"> • The Water Cycle • What is the Water Cycle? <p><u>SMARTBoard Lessons:</u></p> <ul style="list-style-type: none"> • Water Cycle • The Water Cycle • Water Cycle (Submitted by K. Anderson) • Water Cycle (Submitted by Trident Media Works)