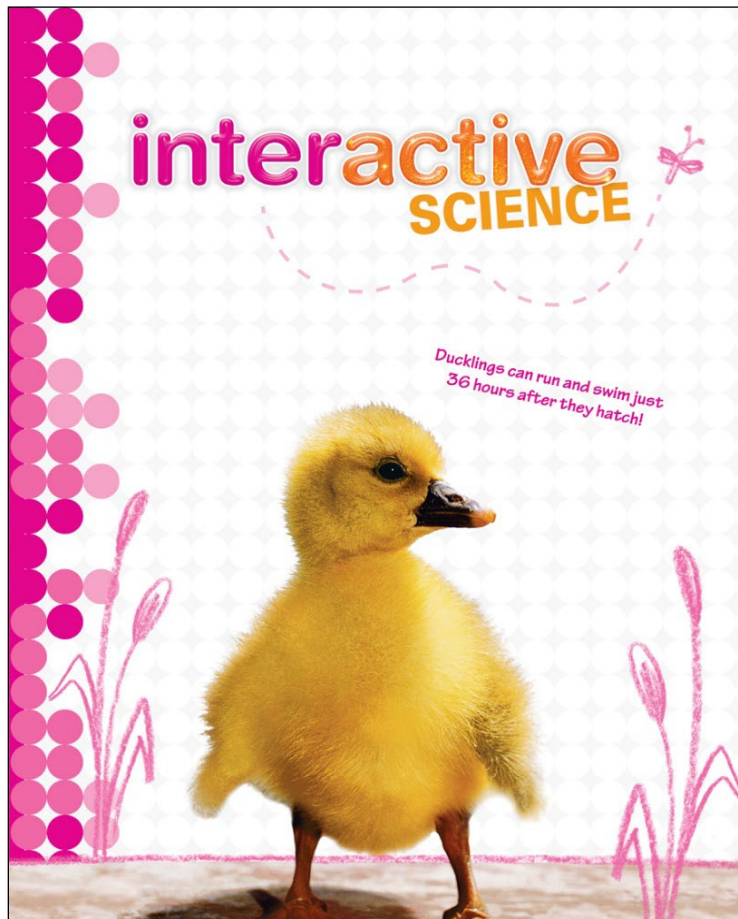


A Correlation of

**Ohio Interactive Science  
Kindergarten ©2017**



To the  
**Ohio**  
**2018 Learning Standards for Science  
Kindergarten**

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To the  
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**Introduction**

The following document indicates how closely Ohio ***Interactive Science*** ©2017 supports Ohio's 2018 Learning Standards for Science. Correlation references are to the Student Edition, and Teacher Edition, and Realize Digital Resources. Please note that the Kindergarten Student Edition text pages are two-sided; each singular page contains a corresponding Activity Page on the reverse side.

***Interactive Science*** is an elementary science program that makes learning personal, engaging, and relevant for today's student. The program features an innovative Write-in Student Edition that enables students to become active participants in their learning and truly connect the Big Ideas of science to their world.

The 2017 edition of ***Interactive Science*** support the Next Generation Science Standards (NGSS) in several ways. In the Student Edition, lessons provide interactive opportunities for students to acquire the Disciplinary Core Ideas that are the building blocks of the NGSS Performance Expectations at each grade level.

STEM Activities, Apply It! activities, Design It! Activities, and Performance-Based Assessments enable students to research, investigate, and apply Science and Engineering Practices to real-world problems in a meaningful way.

In the Teacher's Edition, the NGSS Cross-Cutting Concepts that link across grade levels and across disciplines within grade levels are noted at the chapter level, and a detailed and focused Performance Expectation Activity is provided for each NGSS standard.

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<b>(ESS) Earth and Space Science</b>	
<b>Daily and Seasonal Changes</b>	
<b>This topic focuses on observing, exploring, describing and comparing weather changes, patterns in the sky and changing seasons.</b>	
(K.ESS.1.a) Weather changes occur throughout the day and from day to day.	<p><b>SE:</b> Inquiry Try It! How does weather change?, 34 Lesson 4: What are some kinds of weather?, 39 Activity: What are some kinds of weather?, 39 Big World, My World: Ready for the Weather, 42</p> <p><b>TE:</b> Chapter 4 Test, 122-123 Unit C Performance-Based Assessment, 124</p> <p><b>Realize™ Digital Resources:</b> <b>Chapter 4: Earth and Sky :</b> &gt;Interactivities and Videos&gt;Weather Summary <b>Quests, STEM, and Program Resources</b> &gt;Quest&gt;Weather and Seasons of the World Quest Kick-Off;&gt;How does weather change? Quest Check Lab;&gt;How much rain falls? Quest Check Lab;&gt;Make a Weather Report Quest Findings Performance Expectations Activities&gt;Weather and Climate 1 &gt;Program Resources&gt;Science Songs and Coloring Book Pages;&gt;Fun in the Weather</p>
(K.ESS.1.b) Air is a nonliving substance that surrounds Earth and wind is air that is moving.	<p><b>SE:</b> Activity: What are living things?, 26 Lesson 2: What do living things need?, 27 Science in Your Backyard: Living and Nonliving Things, 31</p> <p><b>TE:</b> Lesson 4: What are some kinds of weather?, 39</p> <p><b>Realize™ Digital Resources:</b> <b>Quests, STEM, and Program Resources</b> &gt;STEM&gt;Where the Wind Blows! STEM Activity Program Resources&gt;Multidisciplinary Flipchart&gt;Living and Nonliving</p>

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(K.ESS.1.c) Wind, temperature and precipitation can be used to document short-term weather changes that are observable.	<p><b>SE:</b>            Inquiry Try It! How does weather change?, 34            Let's Read Science: Draw Conclusions, 35            Lesson 4: What are some kinds of weather?, 39            Activity: What are some kinds of weather?, 39            Big World, My World: Ready for the Weather, 42</p> <p><b>TE:</b>            Chapter 4 Test, 123            Unit C Performance-Based Assessment, 124</p> <p><b>Realize™ Digital Resources:</b>  <b>Chapter 4: Earth and Sky :</b>            &gt;Interactivities and Videos&gt;Weather Summary  <b>Quests, STEM, and Program Resources</b>            &gt;Quest&gt;Weather and Seasons of the World            Quest Kick-Off;&gt;How does weather change?            Quest Check Lab;&gt;How much rain falls? Quest            Check Lab;&gt;Make a Weather Report Quest            Findings            &gt;Performance Expectations Activities&gt;Weather            and            Program Resources&gt;Science Songs and Coloring            Book Pages;&gt;Fun in the Weather</p>
(K.ESS.1.d) Yearly weather changes (seasons) are observable patterns in the daily weather changes.	<p><b>SE:</b>            Lesson 5 : What are the seasons?, 40            Activity: What are the seasons?, 40</p> <p><b>TE:</b>            Chapter 4 Test, TE 123</p> <p><b>Realize™ Digital Resources:</b>  <b>Quests, STEM, and Program Resources</b>            &gt;Quest&gt;Weather and Seasons of the World            Quest Kick-Off;&gt;Earth's Seasons Quest Check            &gt;Program Resources&gt;Multidisciplinary            Flipchart&gt;Which Season Do You Like?;&gt;My            Favorite Season</p>

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<p>(K.ESS.2.a) The moon, sun and stars appear in different positions at different times of the day or night. Sometimes the moon is visible during the night, sometimes the moon is visible during the day and at other times the moon is not visible at all. The observable shape of the moon changes in size very slowly throughout the month. The sun is visible only during the day.</p>	<p><b>SE:</b> Lesson1: What can you see in the day sky?, 36 Activity: What can you see in the day sky? 36 Lesson 2 : How does the sun seem to move?, 37 Activity: How does the sun seem to move?, 37 Lesson 3: What can you see in the night sky?, 38 Activity: What can you see in the night sky?, 38 Inquiry Investigate It!: What do the day and night skies look like?, 41</p> <p><b>TE:</b> Chapter 4 Test, TE 122 Unit C Performance-Based Assessment, TE 124</p> <p><b>Realize™ Digital Resources:</b> <b>Chapter 4: Earth and Sky:</b> &gt;Labs and Virtual Labs&gt; What do the day and night skies look like? Investigate It!;&gt; Guided Inquiry: What is always found in the sky? Interactivity and Videos&gt;The Day Sky;&gt;The Sun &gt;Leveled Readers&gt;The Sky;&gt;What is in the sky? <b>Quests, STEM, and Program Resources</b> &gt;Program Resources&gt;Reader’s Theater&gt;The Astronomer Reader’s Theatre</p>
<p>(K.ESS.2.b) The sun’s position in the sky appears to change in a single day and from season to season. Stars are visible at night, some are visible in the evening or morning and some are brighter than others.</p>	<p><b>SE:</b> Lesson 2 : How does the sun seem to move?, 37 Activity: How does the sun seem to move?, 37 Lesson 3: What can you see in the night sky?, 38 Activity: What can you see in the night sky?, 38 Inquiry Investigate It!: What do the day and night skies look like?, 41</p> <p><b>TE:</b> Chapter 4 Test, TE 122 Unit C Performance-Based Assessment, TE 124</p> <p><b>Realize™ Digital Resources:</b> <b>Chapter 4 Earth and Sky:</b> &gt;Labs and Virtual Labs&gt; What do the day and night skies look like? Investigate It!;&gt; Guided Inquiry: What is always found in the sky? Interactivity and Videos&gt;The Day Sky;&gt;The Sun Leveled Readers&gt;The Sky;&gt;What is in the sky? <b>Quests, STEM, and Program Resources</b> &gt;Program Resources&gt;Reader’s Theater&gt;The Astronomer Reader’s Theatre</p>

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<b>(LS) Life Science</b>	
<b>Physical and Behavioral Traits of Living Things</b>	
<b>This topic focuses on observing, exploring, describing and comparing living things in Ohio.</b>	
(K.LS.1.a) Living things grow and reproduce. Living things are found worldwide.	<p><b>SE:</b> Lesson 1: What are living things?, 26 Activity: What are living things?, 26 Science in Your Backyard: Living and Nonliving Things, 31</p> <p><b>TE:</b> Performance-Based Assessment, TE 94</p> <p><b>Realize™ Digital Resources:</b> <b>Chapter 3: Living and Nonliving Things:</b> &gt;Interactivities and Videos&gt;Living and Nonliving Things 60 Sec Video;&gt;Living Things Summary Leveled Readers&gt;Living Things <b>Quests, STEM, and Program Resources</b> &gt;Program Resources&gt;Reader's Theater&gt;The Botanist's World of Plants Reader's Theatre &gt;Program Resources&gt;Science Songs and Coloring Book Pages&gt;Living Everywhere Multidisciplinary Flipchart&gt;Living and Nonliving;&gt;Where Plants and Animals Live</p>
(K.LS.2.a) Living things are made up of a variety of structures. Some traits can be observable structures. Some of these structures and behaviors influence their survival.	<p><b>SE:</b> Let's Read Science: Compare and Contrast, 25 Lesson3: How are animals alike and different?, 28 Activity: How are animals alike and different, 28 Lesson 4: How are plants alike and different?, 29 Activity: How are plants alike and different, 29 Inquiry: Investigate It!: How are animals and plants different?, 30</p> <p><b>TE:</b> Chapter 3 Assessment, TE 92-93</p> <p><b>Realize™ Digital Resources:</b> <b>Chapter 3 Living and Nonliving Things:</b> &gt;Labs and Virtual Labs&gt;How are animals and Plants different? Investigate It!;&gt; Guided Inquiry: What other ways are animals and plants different? Leveled Readers&gt; All About Plants and Animals <b>Quests, STEM, and Program Resources</b> &gt;STEM&gt;Scratch Away! STEM Activity Program Resources&gt;Living Things Multidisciplinary Flipchart&gt;A Forest of Shapes</p>

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<b>(PS) Physical Science</b>	
<b>Properties of Everyday Objects and Materials</b>	
<b>This topic focuses on the production of sound and on observing, exploring, describing and comparing the properties of objects and materials with which the student is familiar.</b>	
<p>(K.PS.1.a) Objects can be sorted and described by the properties of the materials from which they are made. Some of the properties can include color, size and texture.</p>	<p><b>SE:</b> Chapter 5 Opener: What do you see?, 44 Inquiry: Try It!: How can you sort objects, 45 Lesson 3: What can you tell about objects?, 49 Activity: What can you tell about objects, 49 Lesson 4: How can you sort objects?, 50 Activity: How can you sort objects?, 50</p> <p><b>TE:</b> Chapter 5 Test, TE 152 Performance Based Assessment, TE 154</p> <p><b>Realize™ Digital Resources:</b> <b>Chapter 5 Objects:</b> &gt;Labs and Virtual Labs&gt;Which object is heavier? Investigate It!&gt; Guided Inquiry: Which object is harder? &gt;Interactivities and Videos&gt;Objects 60-second Video &gt;Leveled Readers&gt;Objects&gt;All About Objects and Patterns</p> <p><b>Quests, STEM, and Program Resources</b> &gt;Program Resources&gt;Reader’s Theater&gt;The Materials Scientist Reader’s Theatre Science Songs and Coloring Book Pages&gt;What’s the Object?</p>
<p>(K.PS.2.a) Sound is produced by touching, blowing or tapping objects. The sounds that are produced vary depending on the properties of objects. Sound is produced when objects vibrate.</p>	<p><b>SE:</b> Lesson: How is sound made?, 51 Activity: How is sound made?, 51</p> <p><b>TE:</b> Chapter 5 Test, TE 153</p> <p><b>Realize™ Digital Resources:</b> <b>Chapter 5 Objects:</b> &gt;Interactivities and Videos&gt;Objects 60-second Video</p> <p><b>Quests, STEM, and Program Resources</b> &gt;Program Resources&gt;Reader’s Theater&gt;Grandpa Visits the Audiologist Reader’s Theatre</p>

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