

interactive SCIENCE



KINDERGARTEN STANDARDS AND CORRELATIONS GUIDE READING STREET



Correlations and Resources to help you use
Interactive Science with your Indiana Academic Standards and
your reading program.



Dear Indiana K-5 Educators,

With an ever-changing world and a competitive 21st century workforce, today's students need a solid K-12 education to be fully prepared for their futures. The Indiana Academic Standards for Science 2016 provide a strong framework for science education that improves student achievement through a focus on inquiry-based, hands-on science that emphasizes critical thinking, and options for personalized learning. By learning to think like scientists and engage in scientific practices, students will develop and apply the 21st century skills they'll need for success in college and careers.

To successfully implement these new standards, teachers need trusted instructional materials that match the scope and sequence expectations, as well as best-in-class professional development to help adapt to this shift in science education. Yet we understand the integral relationship your science instruction needs to have with literacy, so for every day, every lesson, and for every topic, **Interactive Science** will help you teach, practice, and apply all the expected reading, writing, speaking and listening, vocabulary, and media literacy skills students need to be successful and proficient learners.

To show you how Pearson's **Interactive Science** can be integrated into your classroom and curriculum alongside other programs and disciplines, we have created grade level Planning Guides, which correlate our science program to the new Indiana Academic Standards for Science 2016, and with reading programs you may already be utilizing. The end goal is to highlight thematic connections that exist between Interactive Science and the other programs in your classroom to help you plan and build your lessons effectively and efficiently.

For more detailed product information or to learn more, please visit PearsonSchool.com/in

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TEACHING THE INDIANA STANDARDS

KINDERGARTEN

At Pearson, we appreciate how hard you work every single day to ensure the success of your students. We've created this Indiana Teaching Guide to help you reach that goal. In this guide, you will find resources for every Physical, Earth, Life, and Engineering Practices standard at your grade level and a helpful map for using Interactive Science with your school's reading program.

In the Indiana Standards Correlation Guide, you will find a wealth of reading, inquiry, and digital resources to teach every standard at your grade level. Use it like a menu to find the perfect resources to fit into your schedule.

In our Reading Program Guide, you can see how you can seamlessly fit the resources and themes of Interactive Science into your reading program to bring more high quality non-fiction reading practice into your reading block. Remember this will also save time by addressing science standards at the same time. We know that, with everything you do for your students, it's not easy to fit everything in to your day. With this guide, we hope that you'll be able to save time and bring the wonder and fascination of science to your students.

K.PS.1 Plan and conduct an investigation using all senses to describe and classify different kinds of objects by their composition and physical properties. Explain these choices to others and generate questions about the objects.

Reading	Inquiry	Digital
<p><u>Chapter 6: Objects</u> TE Pg. 166-188</p> <p><u>Reading Skill:</u> Main Idea and Details</p> <p><u>Vocabulary:</u> senses, wood, size, color, shape, sort, round, square, sound, soft, loud, vibrate</p> <p><u>Leveled Readers:</u> O – Objects A – All About Objects and Patterns</p> <p><u>Reader's Theater:</u> The Materials Scientist The Soil Scientist</p> <p><u>Science Songs Coloring Book:</u> What's the Object?</p>	<p><u>Try It Labs:</u> How can you sort objects? TE Pg. 168</p> <p><u>Investigate It Labs:</u> Which object is heavier? TE Pg. 182</p> <p><u>Multi-Disciplinary Flip Chart:</u> Writing: Be a Scientist Art: Up Close Writing: Senses Chart Math: Measure Classroom Objects Writing: What is it Like? Math: Rolling, Rolling</p> <p><u>STEM Handbook:</u> How Can You Make a Crayon Box?</p>	<p><u>Chapter Level Digital:</u></p> <p>Untamed Science Video Parts 1 & 2 Digital Vocabulary Smart Card Science Song Vocabulary Memory Match Investigate It Virtual Lab My Reading Web: Digital Leveled Readers BIG Question Writing</p> <p>Lesson Level Digital: My Planet Diary Web Link or Explore It Virtual Lab enVision It Learning Activity I Will Know Activity Got it! In 60 seconds Video Writing in Science Activity Got it! Digital Quiz</p>

KEY



Items in RED directly address the standard



Items in BLACK support the standard

K.PS.2 Identify and explain possible uses for an object based on its properties and compare these uses with other students' ideas.

Reading	Inquiry	Digital
<p><u>Chapter 6: Objects</u> TE Pg. 166-188</p> <p><u>Reading Skill:</u> Main Idea and Details</p> <p><u>Vocabulary:</u> senses, wood, size, color, shape, sort, round, square, sound, soft, loud, vibrate</p> <p><u>Leveled Readers:</u> O – Objects A – All About Objects and Patterns</p> <p><u>Reader's Theater:</u> The Materials Scientist The Soil Scientist</p> <p><u>Science Songs Coloring Book:</u> What's the Object?</p>	<p><u>Try It Labs:</u> How can you sort objects? TE Pg. 168</p> <p><u>Investigate It Labs:</u> Which object is heavier? TE Pg. 182</p> <p><u>Multi-Disciplinary Flip Chart:</u> Writing: Be a Scientist Art: Up Close Writing: Senses Chart Math: Measure Classroom Objects Writing: What is it Like? Math: Rolling, Rolling</p> <p><u>STEM Handbook:</u> How Can You Make a Crayon Box?</p>	<p><u>Chapter Level Digital:</u></p> <p>Untamed Science Video Parts 1 & 2 Digital Vocabulary Smart Card Science Song Vocabulary Memory Math Investigate It Virtual Lab My Reading Web: Digital Leveled Readers BIG Question Writing</p> <p><u>Lesson Level Digital:</u> My Planet Diary Web Link or Explore It Virtual Lab enVision It Learning Activity I Will Know Activity Got it! In 60 seconds Video Writing in Science Activity Got it! Digital Quiz</p>

K.PS.3 Plan and conduct an investigation to compare the effects of different strengths or different directions of pushes and pulls on the motion of an object.

Reading	Inquiry	Digital
<p><u>Chapter 8: Motion</u> TE Pg. 218-248</p> <p><u>Reading Skill:</u> Cause and Effect</p> <p><u>Vocabulary:</u> Position, above, below, push, pull, fast, slow, magnet, attract</p> <p><u>Leveled Readers:</u> O – Energy and Forces A – What are Forces and Energy?</p> <p><u>Reader's Theater:</u> Rocket Science is in Your Future!</p> <p><u>Science Songs Coloring Book:</u> Use Some Force!</p>	<p><u>Try It Labs:</u> How do objects move? TE Pg. 226</p> <p><u>Investigate It Labs:</u> How can you move the car? TE Pg. 236</p> <p><u>Multi-Disciplinary Flip Chart:</u> Math: Rolling, Rolling Social Studies: How We Use Wheels Art: Playground Movements</p> <p><u>STEM Handbook:</u> Where the Wind Blows</p>	<p><u>Chapter Level Digital:</u></p> <p>Untamed Science Video Parts 1 & 2 Digital Vocabulary Smart Card Science Song Vocabulary Memory Math Investigate It Virtual Lab My Reading Web: Digital Leveled Readers BIG Question Writing</p> <p><u>Lesson Level Digital:</u> My Planet Diary Web Link or Explore It Virtual Lab enVision It Learning Activity I Will Know Activity Got it! In 60 BIG Question Writing seconds Video Writing in Science Activity Got it! Digital Quiz</p>

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Items in BLACK support the standard

K.PS.4 Analyze data to determine if a design solution works as intended to change the speed or direction of an object with a push or a pull.

Reading	Inquiry	Digital
<p><u>Chapter 8: Motion</u> TE Pg. 218-248</p> <p><u>Reading Skill:</u> Cause and Effect</p> <p><u>Vocabulary:</u> Position, above, below, push, pull, fast, slow, magnet, attract</p> <p><u>Leveled Readers:</u> O – Energy and Forces A – What are Forces and Energy?</p> <p><u>Reader's Theater:</u> Rocket Science is in Your Future!</p> <p><u>Science Songs Coloring Book:</u> Use Some Force!</p>	<p><u>Try It Labs:</u> How do objects move? TE Pg. 226</p> <p><u>Investigate It Labs:</u> How can you move the car? TE Pg. 236</p> <p><u>Multi-Disciplinary Flip Chart:</u> Math: Rolling, Rolling Social Studies: How We Use Wheels Art: Playground Movements</p> <p><u>STEM Handbook:</u> Where the Wind Blows</p>	<p><u>Chapter Level Digital:</u></p> <p>Untamed Science Video Parts 1 & 2 Digital Vocabulary Smart Card Science Song Vocabulary Memory Math Investigate It Virtual Lab My Reading Web: Digital Leveled Readers BIG Question Writing</p> <p><u>Lesson Level Digital:</u> My Planet Diary Web Link or Explore It Virtual Lab enVision It Learning Activity I Will Know Activity Got it! In 60 seconds Video Writing in Science Activity Got it! Digital Quiz</p>

K.ESS.1 Make observations to determine the effect of sunlight on Earth's surface and use tools and materials to design and build a structure to reduce the warming effect on Earth's surface.

Reading	Inquiry	Digital
<p><u>Chapter 5: Earth and Sky</u> TE Pg. 127-157</p> <p><u>Reading Skill:</u> Draw Conclusions</p> <p><u>Vocabulary:</u> Earth, ocean, mountains, sun, day, night, weather, season</p> <p><u>Leveled Readers:</u> O – The Sky A – What is in the Sky?</p> <p><u>Reader's Theater:</u> The Astronomer</p> <p><u>Science Songs Coloring Book:</u> Fun in the Weather</p>	<p><u>Try It Labs:</u> How does weather change? TE Pg. 136</p> <p><u>Investigate It Labs:</u> What do the day and night skies look like? TE Pg. 150</p> <p><u>Multi-Disciplinary Flip Chart:</u> Art: Clay Earth Writing: Weather Words Social Studies: What Do We Wear? Writing: My Favorite Season Math: Which Season Do You Like? Art: Day and Night</p> <p><u>STEM:</u> Cool Down IN Guide</p>	<p><u>Chapter Level Digital:</u></p> <p>Untamed Science Video Parts 1 & 2 Digital Vocabulary Smart Card Science Song Vocabulary Memory Math Investigate It Virtual Lab My Reading Web: Digital Leveled Readers BIG Question Writing</p> <p><u>Lesson Level Digital:</u> My Planet Diary Web Link or Explore It Virtual Lab enVision It Learning Activity I Will Know Activity Got it! In 60 seconds Video Writing in Science Activity Got it! Digital Quiz</p>



K.ESS.2 Describe and compare objects seen in the night and day sky, observing that the sun and moon move across the sky.

Reading	Inquiry	Digital
<p><u>Chapter 5: Earth and Sky</u> TE Pg. 127-157</p> <p><u>Reading Skill:</u> Draw Conclusions</p> <p><u>Vocabulary:</u> Earth, ocean, mountains, sun, day, night, weather, season</p> <p><u>Leveled Readers:</u> O – The Sky A – What is in the Sky?</p> <p><u>Reader's Theater:</u> The Astronomer</p> <p><u>Science Songs Coloring Book:</u> Fun in the Weather</p>	<p><u>Try It Labs:</u> How does weather change? TE Pg. 136</p> <p><u>Investigate It Labs:</u> What do the day and night skies look like? TE Pg. 150</p> <p><u>Multi-Disciplinary Flip Chart:</u> Art: Clay Earth Writing: Weather Words Social Studies: What Do We Wear? Writing: My Favorite Season Math: Which Season Do You Like? Art: Day and Night</p> <p><u>STEM:</u> Cool Down IN Guide</p>	<p><u>Chapter Level Digital:</u></p> <p>Untamed Science Video Parts 1 & 2 Digital Vocabulary Smart Card Vocabulary Memory Math Science Song Investigate It Virtual Lab My Reading Web: Digital Leveled Readers BIG Question Writing</p> <p><u>Lesson Level Digital:</u> My Planet Diary Web Link or Explore It Virtual Lab enVision It Learning Activity I Will Know Activity Got it! In 60 seconds Video Writing in Science Activity Got it! Digital Quiz</p>

K.ESS.3 Investigate the local weather conditions to describe patterns over time.

Reading	Inquiry	Digital
<p><u>Chapter 5: Earth and Sky</u> TE Pg. 127-157</p> <p><u>Reading Skill:</u> Draw Conclusions</p> <p><u>Vocabulary:</u> Earth, ocean, mountains, sun, day, night, weather, season</p> <p><u>Leveled Readers:</u> O – The Sky A – What is in the Sky?</p> <p><u>Reader's Theater:</u> The Astronomer</p> <p><u>Science Songs Coloring Book:</u> Fun in the Weather</p>	<p><u>Try It Lab:</u> How does weather change? TE Pg. 136</p> <p><u>Investigate It Lab:</u> What do the day and night skies look like? TE Pg. 150</p> <p><u>Multi-Disciplinary Flip Chart:</u> Art: Clay Earth Writing: Weather Words Social Studies: What Do We Wear? Writing: My Favorite Season Math: Which Season Do You Like? Art: Day and Night</p> <p><u>STEM:</u> Cool Down IN Guide</p>	<p><u>Chapter Level Digital:</u></p> <p>Untamed Science Video Parts 1 & 2 Digital Vocabulary Smart Card Science Song Vocabulary Memory Math Investigate It Virtual Lab My Reading Web: Digital Leveled Readers BIG Question Writing</p> <p><u>Lesson Level Digital:</u> My Planet Diary Web Link or Explore It Virtual Lab enVision It Learning Activity I Will Know Activity Got it! In 60 seconds Video Writing in Science Activity Got it! Digital Quiz</p>



K.ESS.4 Communicate solutions that will reduce the impact of humans on the land, water, air, and/or other living things in the local environment.

Reading	Inquiry	Digital
<u>Leveled Readers:</u> O - Helping Our World O - Let's Clean Up the Park! A - People Help the Forest <u>Reader's Theater:</u> The Soil Scientist	<u>Multi-Disciplinary Flip Chart:</u> Art: Clay Earth Writing: Protecting Plants and Animals <u>STEM:</u> Cool Down IN Guide	<u>Chapter Level Digital:</u> Untamed Science Video Parts 1 & 2 Digital Vocabulary Smart Card Vocabulary Memory Math Investigate It Virtual Lab My Reading Web: Digital Leveled Readers BIG Question Writing <u>Lesson Level Digital:</u> My Planet Diary Web Link or Explore It Virtual Lab enVision It Learning Activity I Will Know Activity Got it! In 60 seconds Video Writing in Science Activity Got it! Digital Quiz

K.LS.1 Describe and compare the growth and development of common living plants and animals.

Reading	Inquiry	Digital
<u>Chapter 4: Plants and Animals</u> TE Pgs. 96-124 <u>Reading Skill:</u> Sequence <u>Vocabulary:</u> babies, parents, tadpole, puppy, seed <u>Leveled Readers:</u> O – Animals and Plants All Around A – All About Plants and Animals <u>Reader's Theater:</u> The Botanist's World of Plants A Trip to the Veterinarian <u>Science Songs Coloring Book:</u> Living Everywhere	<u>Try It Labs:</u> How do seeds change? TE Pg. 104 <u>Investigate It Labs:</u> How does a butterfly change? TE Pg. 118 <u>Multi-Disciplinary Flip Chart:</u> Social Studies: Things a Pet Needs Art: Where Plants and Animals Live Math: Animal Graph Writing: Little Puppy Big Dog <u>STEM Handbook:</u> Scratch Away!	<u>Chapter Level Digital:</u> Untamed Science Video Parts 1 & 2 Digital Vocabulary Smart Card Vocabulary Memory Math Science Song Investigate It Virtual Lab My Reading Web: Digital Leveled Readers BIG Question Writing <u>Lesson Level Digital:</u> My Planet Diary Web Link or Explore It Virtual Lab enVision It Learning Activity I Will Know Activity Got it! In 60 seconds Video Writing in Science Activity Got it! Digital Quiz



K.LS.2 Describe and compare the physical features of common living plants and animals.		
Reading	Inquiry	Digital
<p><u>Chapter 3: Living and Nonliving Things</u> TE Pgs. 68-95</p> <p><u>Reading Skill:</u> Compare and Contrast</p> <p><u>Vocabulary:</u> living, needs, fur, feathers, scales, rough, smooth</p> <p><u>Leveled Readers:</u> O – Living Things A – All About Plants and Animals</p> <p><u>Reader's Theater:</u> The Botanist's World of Plants A Trip to the Veterinarian</p> <p><u>Science Songs Coloring Book:</u> Living Things r</p>	<p><u>Try It Labs:</u> What things are living? TE Pg. 76</p> <p><u>Investigate It Labs:</u> How are animals and plants different? TE Pg. 88</p> <p><u>Multi-Disciplinary Flip Chart:</u> Social Studies: Things a Pet Needs Art: Where Plants and Animals Live Math: Animal Graph Writing: Little Puppy Big Dog</p> <p><u>STEM Handbook:</u> Scratch Away!</p>	<p><u>Chapter Level Digital:</u></p> <p>Untamed Science Video Parts 1 & 2 Digital Vocabulary Smart Card Vocabulary Memory Math Science Song Investigate It Virtual Lab: How are objects different? My Reading Web: Digital Leveled Readers BIG Question Writing</p> <p><u>Lesson Level Digital:</u> My Planet Diary Web Link or Explore It Virtual Lab enVision It Learning Activity I Will Know Activity Got it! In 60 seconds Video Writing in Science Activity Got it! Digital Quiz</p>
K.LS.3 Use observations to describe patterns of what plants and animals (including humans) need to survive.		
Reading	Inquiry	Digital
<p><u>Chapter 3: Living and Nonliving Things</u> TE Pgs. 68-95</p> <p><u>Reading Skill:</u> Compare and Contrast</p> <p><u>Vocabulary:</u> living, needs, fur, feathers, scales, rough, smooth</p> <p><u>Leveled Readers:</u> O – Living Things A – All About Plants and Animals</p> <p><u>Reader's Theater:</u> The Botanist's World of Plants A Trip to the Veterinarian</p> <p><u>Science Songs Coloring Book:</u> Living Things</p>	<p><u>Try It Labs:</u> What things are living? TE Pg. 76</p> <p><u>Investigate It Labs:</u> How are animals and plants different? TE Pg. 88</p> <p><u>Multi-Disciplinary Flip Chart:</u> Social Studies: Things a Pet Needs Art: Where Plants and Animals Live Math: Animal Graph Writing: Little Puppy Big Dog</p> <p><u>STEM Handbook:</u> Scratch Away!</p>	<p><u>Chapter Level Digital:</u></p> <p>Untamed Science Video Parts 1 & 2 Digital Vocabulary Smart Card Vocabulary Memory Math Investigate It Virtual Lab My Reading Web: Digital Leveled Readers BIG Question Writing</p> <p><u>Lesson Level Digital:</u> My Planet Diary Web Link or Explore It Virtual Lab enVision It Learning Activity I Will Know Activity Got it! In 60 seconds Video Writing in Science Activity Got it! Digital Quiz</p>



K-2.E.1 Pose questions, make observations, and obtain information about a situation people want to change. Use this data to define a simple problem that can be solved through the construction of a new or improved object or tool.

Reading	Inquiry	Digital
<p><u>Chapter 2: Solve Problems</u> TE Pgs. 40-66</p> <p><u>Reading Skill:</u> Cause and Effect</p> <p><u>Vocabulary:</u> problem, design, plan, label</p> <p><u>Leveled Readers:</u> O – Solve Problems A – You Can Solve Problems</p> <p><u>Reader's Theater:</u> So Many Engineers! The Materials Scientist</p> <p><u>Science Songs Coloring Book:</u> Oh Dear, I Have a Problem!</p>	<p><u>Try It Labs:</u> What can this object do? TE Pg. 48</p> <p><u>Investigate It Labs:</u> How can you lift heavy things? TE Pg. 56</p> <p><u>Multi-Disciplinary Flip Chart:</u> Writing: Be a Scientist Social Studies: Things People Do Social Studies: What Do We Wear? Social Studies: How We Use Wheels Social Studies: Sun Protection</p> <p><u>Design It Labs:</u> How can you make a maze? TE Pg. 64</p> <p><u>STEM Handbook:</u> Scratch Away! Where The Wind Blows! How Can You Make a Crayon Box?</p>	<p><u>Chapter Level Digital:</u></p> <p>Untamed Science Video Parts 1 & 2 Digital Vocabulary Smart Card Science Song Vocabulary Memory Math Investigate It Virtual Lab My Reading Web: Digital Leveled Readers BIG Question Writing</p> <p><u>Lesson Level Digital:</u> My Planet Diary Web Link or Explore It Virtual Lab enVision It Learning Activity I Will Know Activity Got it! In 60 seconds Video Writing in Science Activity Got it! Digital Quiz</p>

K-2.E.2 Develop a simple sketch, drawing, or physical model to illustrate and investigate how the shape of an object helps it function as needed to solve an identified problem.

Reading	Inquiry	Digital
<p><u>Chapter 2: Solve Problems</u> TE Pgs. 40-66</p> <p><u>Reading Skill:</u> Cause and Effect</p> <p><u>Vocabulary:</u> problem, design, plan, label</p> <p><u>Leveled Readers:</u> O – Solve Problems A – You Can Solve Problems</p> <p><u>Reader's Theater:</u> So Many Engineers! The Materials Scientist</p> <p><u>Science Songs Coloring Book:</u> Oh Dear, I Have a Problem!</p>	<p><u>Try It Labs:</u> What can this object do? TE Pg. 48</p> <p><u>Investigate It Labs:</u> How can you lift heavy things? TE Pg. 56</p> <p><u>Multi-Disciplinary Flip Chart:</u> Writing: Be a Scientist Social Studies: Things People Do Social Studies: What Do We Wear? Social Studies: How We Use Wheels Social Studies: Sun Protection</p> <p><u>Design It Labs:</u> How can you make a maze? TE Pg. 64</p> <p><u>STEM Handbook:</u> Scratch Away! Where The Wind Blows! How Can You Make a Crayon Box?</p>	<p><u>Chapter Level Digital:</u></p> <p>Untamed Science Video Parts 1 & 2 Digital Vocabulary Smart Card Science Song Vocabulary Memory Math Investigate It Virtual Lab My Reading Web: Digital Leveled Readers BIG Question Writing</p> <p><u>Lesson Level Digital:</u> My Planet Diary Web Link or Explore It Virtual Lab enVision It Learning Activity I Will Know Activity Got it! In 60 seconds Video Writing in Science Activity Got it! Digital Quiz</p>

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K-2.E.3 Analyze data from the investigation of two objects constructed to solve the same problem to compare the strengths and weaknesses of how each performs.

Reading	Inquiry	Digital
<p>Chapter 2: Solve Problems TE Pgs. 40-66</p> <p>Reading Skill: Cause and Effect</p> <p>Vocabulary: problem, design, plan, label</p> <p>Leveled Readers: O – Solve Problems A – You Can Solve Problems</p> <p>Reader's Theater: So Many Engineers! The Materials Scientist</p> <p>Science Songs Coloring Book: Oh Dear, I Have a Problem!</p>	<p>Try It Labs: What can this object do? TE Pg. 48</p> <p>Investigate It Labs: How can you lift heavy things? TE Pg. 56</p> <p>Multi-Disciplinary Flip Chart: Writing: Be a Scientist Social Studies: Things People Do Social Studies: What Do We Wear? Social Studies: How We Use Wheels Social Studies: Sun Protection</p> <p>Design It Labs: How can you make a maze? TE Pg. 64</p> <p>STEM Handbook: Scratch Away! Where The Wind Blows! How Can You Make a Crayon Box?</p>	<p>Chapter Level Digital:</p> <p>Untamed Science Video Parts 1 & 2 Digital Vocabulary Smart Card Science Song Vocabulary Memory Math Investigate It Virtual Lab My Reading Web: Digital Leveled Readers BIG Question Writing</p> <p>Lesson Level Digital: My Planet Diary Web Link or Explore It Virtual Lab enVision It Learning Activity I Will Know Activity Got it! In 60 seconds Video Writing in Science Activity Got it! Digital Quiz</p>



READING STREET CORRELATIONS TO INTERACTIVE SCIENCE KINDERGARTEN

	WEEK 1	WEEK 2	WEEK 3	WEEK 4	WEEK 5	WEEK 6
Reading Street: UNIT 1- ALL TOGETHER NOW	<i>How do children get to school?</i>	<i>How do school children work and play together?</i>	<i>How do families cooperate?</i>	<i>How do people in a community cooperate?</i>	<i>What do you like to do with your friends?</i>	<i>How do machines help people work?</i>
Pearson Interactive Science	Social Studies Connection	Social Studies Connection	Plants and Animals pages 33-43	Social Studies Connection	Social Studies Connection	Motion pages 78-86
Reading Skills	Character	Setting	Sequence	Classify and Categorize	Character	Classify and Categorize
ScienceTarget Reading Skills			Sequence			Cause and Effect
Indiana Literacy Standard			K.RN.2.3			K.RN.2.3
	WEEK 1	WEEK 2	WEEK 3	WEEK 4	WEEK 5	WEEK 6
Reading Street: UNIT 2- LOOK AT US!	<i>How are flowers unique?</i>	<i>What can we learn about nature when we look closely?</i>	<i>What special animals live in the grasslands?</i>	<i>What unique thing does a bear do in the winter?</i>	<i>What kind of home does an animal need?</i>	<i>How are real and make-believe plants alike and different?</i>
Pearson Interactive Science	Living and Nonliving Things pages 23-32	The Nature of Science pages 1-12	Plants and Animals pages 33-43	Plants and Animals pages 33-43	Plants and Animals pages 33-43	Living and Nonliving Things pages 23-32
Reading Skills	Compare and Contrast	Setting	Main Idea	Realism and Fantasy	Sequence	Realism and Fantasy
ScienceTarget Reading Skills	Compare and Contrast	Picture Clues	Sequence	Sequence	Sequence	Compare and Contrast
Indiana Literacy Standard	K.RN.2.3	K.RN.3.1	K.RN.2.3	K.RN.2.3	K.RN.2.3	K.RN.2.3
	WEEK 1	WEEK 2	WEEK 3	WEEK 4	WEEK 5	WEEK 6
Reading Street: UNIT 3-CHANGES ALL AROUND US	<i>How does a panda change in its first year of life?</i>	<i>What new things can you do as you get older?</i>	<i>How is life today different from life hundreds of years ago?</i>	<i>What happens when animals change?</i>	<i>How are things we use today different from things used long ago?</i>	<i>What causes us to change the way we feel?</i>
Pearson Interactive Science	Plants and Animals pages 33-43	Social Studies Connection	Solve Problems pages 13-21 Motion pages 78-86	Plants and Animals pages 33-43	Earth and Sky pages 44-55	Objects pages 56-67
Reading Skills	Compare and Contrast	Plot	Cause and Effect	Plot	Draw Conclusions	Main Idea
ScienceTarget Reading Skills	Sequence		Cause and Effect	Sequence	Draw Conclusions	Main Idea and Details
Indiana Literacy Standard	K.RN.2.3		K.RN.2.3	K.RN.2.3	K.RN.2.3	K.RN.2.2

	WEEK 1	WEEK 2	WEEK 3	WEEK 4	WEEK 5	WEEK 6
Reading Street: UNIT 4-LET'S GO EXPLORING	<i>What can we learn from our adventures?</i>	<i>What is a lucky adventure?</i>	<i>What adventures can animals have?</i>	<i>How can an adventure cause trouble?</i>	<i>What would it be like to have an Antarctic adventure?</i>	<i>What kind of adventures can you have in the city?</i>
Pearson Interactive Science	Plants and Animals pages 33-43	Solve Problems pages 13-21 Motion pages 78-86	Plants and Animals pages 33-43	Social Studies Connection	Earth and Sky pages 44-55	Social Studies Connection
Reading Skills	Sequence	Cause and Effect	Sequence	Character	Classify and Categorize	Setting
ScienceTarget Reading Skills	Sequence	Cause and Effect	Sequence		Draw Conclusions	
Indiana Literacy Standard	K.RN.2.3	K.RN.2.3	K.RN.2.3		K.RN.2.3	
	WEEK 1	WEEK 2	WEEK 3	WEEK 4	WEEK 5	WEEK 6
Reading Street: UNIT 5-GOING PLACES	<i>What are different ways of going places?</i>	<i>What kinds of transportation help us in an emergency?</i>	<i>What kinds of transportation help people do their jobs?</i>	<i>What kind of work do trains do?</i>	<i>How do people in different parts of the world travel?</i>	<i>How do children around the world get to school?</i>
Pearson Interactive Science	Social Studies Connection	Solve Problems pages 13-21 Motion pages 78-86	Living and Nonliving Things pages 23-32 Matter and Mixtures pages 68-77	Motion pages 78-86	Objects pages 56-67	Earth and Sky pages 44-55
Reading Skills	Realism and Fantasy	Cause and Effect	Compare and Contrast	Plot	Main Idea	Draw Conclusions
ScienceTarget Reading Skills		Cause and Effect	Compare and Contrast	Cause and Effect	Main Idea and Details	Draw Conclusions
Indiana Literacy Standard		K.RN.2.3	K.RN.2.3	K.RN.2.3	K.RN.2.2	K.RN.2.3
	WEEK 1	WEEK 2	WEEK 3	WEEK 4	WEEK 5	WEEK 6
Reading Street: UNIT 6-PUTTING IT TOGETHER	<i>How is a school built?</i>	<i>What tools do you need to build things?</i>	<i>How do beavers build their homes?</i>	<i>What can friends build together?</i>	<i>Who helps to build a house?</i>	<i>How do ants build their nests?</i>
Pearson Interactive Science	Living and Nonliving Things pages 23-32 Matter and Mixtures pages 68-77	Motion pages 78-86	Motion pages 78-86	Social Studies Connection	Social Studies Connection	Plants and Animals pages 33-43
Reading Skills	Compare and Contrast	Character	Main Idea	Plot	Setting	Draw Conclusions
ScienceTarget Reading Skills	Compare and Contrast	Cause and Effect	Cause and Effect			Sequence
Indiana Literacy Standard	K.RN.2.3	K.RN.2.3	K.RN.2.3			K.RN.2.3

KEY



Target Reading Connection

Science Connection

Cool Down!

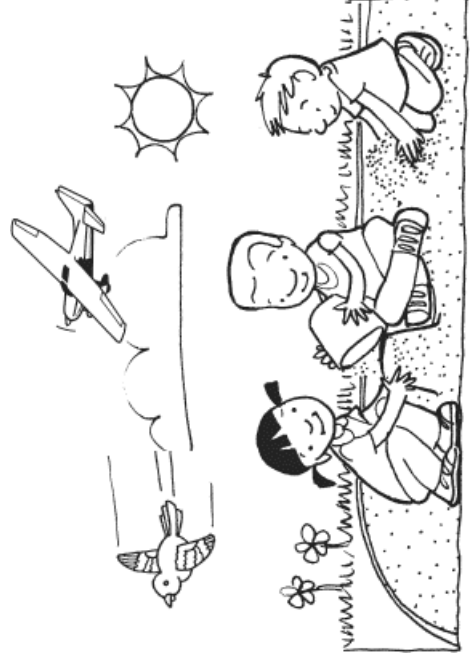
The sky is bright.

The sand in the sandbox is hot.

You wish you felt cooler.

Find a Problem

- 1 The heat comes from something in the sky.
Circle where the heat comes from.



Inquiry **STEM Activity**

- 2** You would be cooler if you could block the heat.

Where would you put something to block the heat?

Circle

Above sandbox	Next to sandbox	Under sandbox
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Plan and Draw

- 3 How could you make the sandbox cooler?

Draw.



4 You can build a model of a sandbox.

How can you protect your model from the hot sun?

Draw.







A large, empty rectangular box with rounded corners, intended for drawing a model of a sandbox and its protection from the sun.



STEM Activity

Choose Materials

5 Write yes next to the materials you will use.

- 6** Draw one material you did not use. Tell why.

A large, empty rectangular box with rounded corners, intended for a student to draw. It occupies the majority of the page below the instruction.

Make and Test

- 7 Draw how you will use your materials.



- 8 Put sand in a bowl. This is a model of a sandbox.
- 9 Build a sun blocker to protect your model from the sun's heat.

- 10** Let the sun shine on your model sandbox without the sun blocker.

Wait 5 minutes.

Feel the sand.

How does it feel?

Circle

Cool	Warm
------	------

- 11** Put the sun blocker on your model sandbox.

Let the sun shine on your model sandbox for 5 minutes.

- 12** Feel the sand.

How does it feel?

Circle

Cool	Warm
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Record and Share

- 13** Tell about your sun blocker.

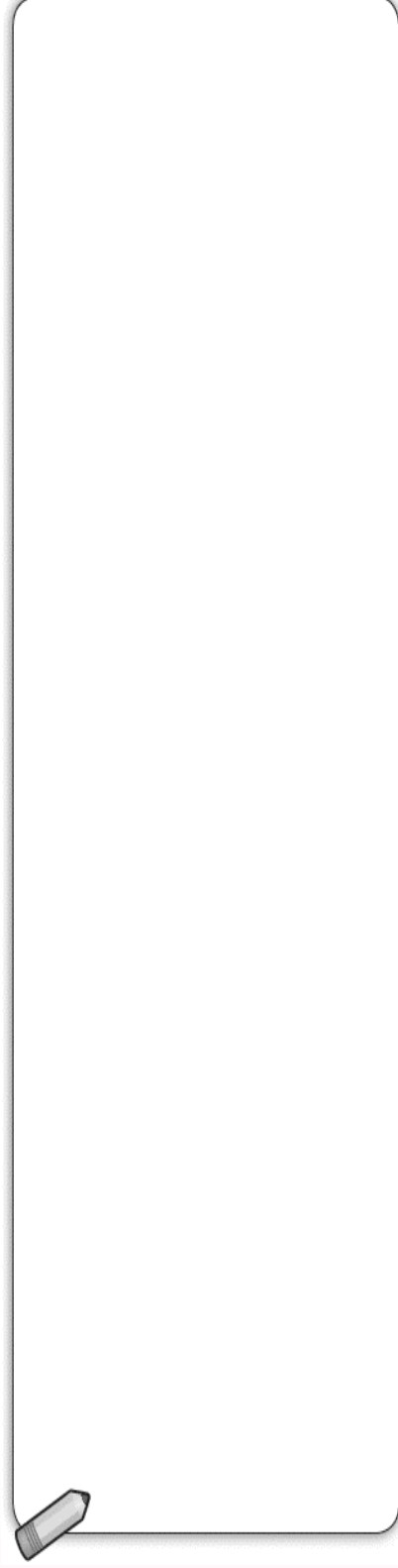
Did it work?

Circle

Yes	No
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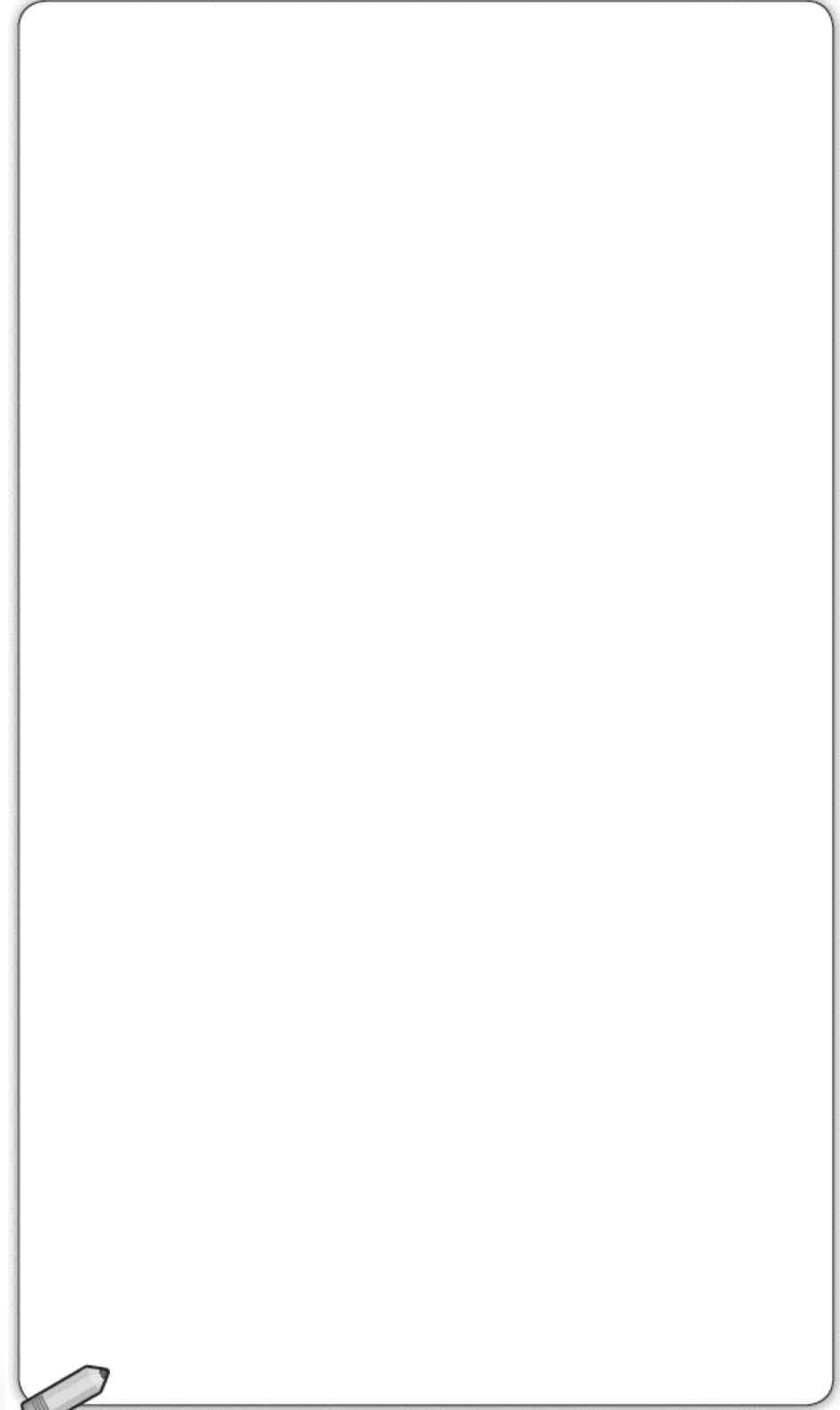
- 14** Look at a partner's sun blocker. **Compare.**

Draw or tell how it is different.



15 Plan another sun blocker.

Draw how it is different.



interactive SCIENCE



JASON VENTURI
Account General Manager
jason.venturi1@pearson.com

OBIE MARTIN
Indiana State
K-12 Specialist
obie.martin@pearson.com



PearsonSchool.com
800-848-9500

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