interactive SCIENCE

INDIANA

GRADE 2

STANDARDS AND CORRELATIONS GUIDE

READING STREET

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

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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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GRADE 2
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TEACHING THE INDIANA STANDARDS

GRADE 2

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.

2.PS.1 Plan and conduct an investigation to describe and classify different kinds of materials by their observable properties.

Reading	Inquiry	Digital
Chapter 8: Matter Pgs. 270-307 Reading Skill: Draw Conclusions Vocabulary: matter, property, thermometer, solid, liquid, gas, physical change, mixture, evaporate, volume Vocabulary Smart Cards: Pg. 301-304 Leveled Readers: B – Matter and Energy O – Matter and Its Properties A – What is Air? Big World My World: From Sand to Glass Pg. 300 Reader's Theater: The Analytical Chemist Science Song: They're All Matter!	Try It Labs: What Affects Evaporation? Pg. 272 Explore It Labs: How can you classify matter? Pg. 274 How can you change clay? Pg. 288 How much water is in each cup? Pg. 294 At Home Labs: Describe Materials Pg. 276 Water and Ice Pg. 285 Lightning Labs: Solids in Water Pg. 293 Effects of Temperature Pg. 296 Investigate It Labs: Directed: How can properties change? Pg. 298-299 Guided: Will water change the properties of a substance? TE Open: How can you further explore how properties change? TE Multidisciplinary Flipchart: Writing: Properties of Matter Writing: Solid, Liquid, or Gas Art: How Can Water Change? STEM: Trails That Last All Bound Up! STEM Handbook	Chapter Level Digital: 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 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

KEY
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Items in BLACK support the standard

2.PS.2 Predict the result of combining solids and liquids in pairs. Mix, observe, gather, record, and discuss evidence of whether the result may have different properties than the original materials.

Reading	Inquiry	Digital
Chapter 8: Matter Pgs. 270-307 Reading Skill: Draw Conclusions Vocabulary: matter, property, thermometer, solid, liquid, gas, physical change, mixture, evaporate, volume Vocabulary Smart Cards: Pg. 301-304 Leveled Readers: B – Matter and Energy O – Matter and Its Properties A – What is Air? Big World My World: From Sand to Glass Pg. 300 Reader's Theater: The Analytical Chemist Science Song: They're All Matter!	Try It Labs: What Affects Evaporation? Pg. 272 Explore It Labs: How can you classify matter? Pg. 274 How can you change clay? Pg. 288 How much water is in each cup? Pg. 294 At Home Labs: Describe Materials Pg. 276 Water and Ice Pg. 285 Lightning Labs: Solids in Water Pg. 293 Effects of Temperature Pg. 296 Investigate It Labs: Directed: How can properties change? Pg. 298-299 Guided: Will water change the properties of a substance? TE Open: How can you further explore how properties change? TE Multidisciplinary Flipchart: Writing: Properties of Matter Writing: Solid, Liquid, or Gas Art: How Can Water Change? STEM: Trails That Last All Bound Up! STEM Handbook	Chapter Level Digital: 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 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

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2.PS.3 Construct an argument with evidence that some changes caused by heating and cooling can be reversed and some cannot.		
Reading	Inquiry	Digital
Chapter 8: Matter Pgs. 270-307 Reading Skill: Draw Conclusions Vocabulary: matter, property, thermometer, solid, liquid, gas, physical change, mixture, evaporate, volume Vocabulary Smart Cards: Pg. 301-304 Leveled Readers: B – Matter and Energy O – Matter and Its Properties A – What is Air? Big World My World: From Sand to Glass Pg. 300 Reader's Theater: The Analytical Chemist Science Song: They're All Matter!	Try It Labs: What Affects Evaporation? Pg. 272 Explore It Labs: How can you classify matter? Pg. 274 How can you change clay? Pg. 288 How much water is in each cup? Pg. 294 At Home Labs: Describe Materials Pg. 276 Water and Ice Pg. 285 Lightning Labs: Solids in Water Pg. 293 Effects of Temperature Pg. 296 Investigate It Labs: Directed: How can properties change? Pg. 298-299 Guided: Will water change the properties of a substance? TE Open: How can you further explore how properties change? TE Multidisciplinary Flipchart: Writing: Properties of Matter Writing: Solid, Liquid, or Gas Art: How Can Water Change? STEM: Trails That Last All Bound Up! STEM Handbook	Chapter Level Digital: 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 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 BIG Question Writing seconds Video Writing in Science Activity Got it! Digital Quiz

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2.PS.4 Analyze data obtained from testing different materials to determine which materials have the properties that are best suited for an intended purpose.

Reading	Inquiry	Digital
Chapter 8: Matter Pgs. 270-307 Reading Skill: Draw Conclusions Vocabulary: matter, property, thermometer, solid, liquid, gas, physical change, mixture, evaporate, volume Vocabulary Smart Cards: Pg. 301-304 Leveled Readers: B – Matter and Energy O – Matter and Its Properties A – What is Air? Big World My World: From Sand to Glass Pg. 300 Reader's Theater: The Analytical Chemist Science Song: They're All Matter!	Try It Labs: What Affects Evaporation? Pg. 272 Explore It Labs: How can you classify matter? Pg. 274 How can you change clay? Pg. 288 How much water is in each cup? Pg. 294 At Home Labs: Describe Materials Pg. 276 Water and Ice Pg. 285 Lightning Labs: Solids in Water Pg. 293 Effects of Temperature Pg. 296 Investigate It Labs: Directed: How can properties change? Pg. 298-299 Guided: Will water change the properties of a substance? TE Open: How can you further explore how properties change? TE Multidisciplinary Flipchart: Writing: Properties of Matter Writing: Solid, Liquid, or Gas Art: How Can Water Change? STEM: Trails That Last All Bound Up! STEM Handbook	Chapter Level Digital: 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 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

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2.ESS.1 Record detailed weather observations, including cloud cover, cloud type, and type of precipitation on a daily basis over a period of weeks and correlate observations to the time of year. Chart and graph collected data.

Reading	Inquiry	Digital
Chapter 7: Weather Pgs. 232-265 Reading Skill: Compare and Contrast Vocabulary: water cycle, temperature, precipitation, wind, pattern, severe weather Vocabulary Smart Cards: Pg. 262-262 Leveled Readers: B – Weather O- Understanding Weather A – Our Changing Seasons Field Trip: National Hurricane Center Pg. 260 Reader's Theater: Atmospheric Scientists Science Song: What's the Weather?	Try It Labs: How can you show temperature? Pg. 234 Explore It Labs: Which way does the wind blow? Pg. 240 How much rain falls? Pg. 244 What do tornados look like? Pg. 252 At Home Labs: Make a List Pg. 242 Chart the Weather Pg. 247 Safe Places Pg. 255 Lightning Labs: Measure Evaporation Pg. 239 Changing Seasons Pg. 251 Investigate It: Directed: What is your weather like? Pg. 258-259 Guided: How does sunshine affect weather? TE Open: How could you further explore weather? TE Multidisciplinary Flipchart: Writing: Weather Words Math: How Much Rain?	Chapter Level Digital: 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 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

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2.ESS.2 Investigate the severe weather of the region and its impact on the community, looking at forecasting to prepare for, and respond to, severe weather.		
Reading	Inquiry	Digital
Chapter 7: Weather Pgs. 232-265 Reading Skill: Compare and Contrast Vocabulary: water cycle, temperature, precipitation, wind, pattern, severe weather Vocabulary Smart Cards: Pg. 262-262 Leveled Readers: B – Weather O- Understanding Weather A – Our Changing Seasons Field Trip: National Hurricane Center Pg. 260 Reader's Theater: Atmospheric Scientists Science Song: What's the Weather?	Try It Labs: How can you show temperature? Pg. 234 Explore It Labs: Which way does the wind blow? Pg. 240 How much rain falls? Pg. 244 What do tornados look like? Pg. 252 At Home Labs: Make a List Pg. 242 Chart the Weather Pg. 247 Safe Places Pg. 255 Lightning Labs: Measure Evaporation Pg. 239 Changing Seasons Pg. 251 Investigate It: Directed: What is your weather like? Pg. 258-259 Guided: How does sunshine affect weather? TE Open: How could you further explore weather? TE Multidisciplinary Flipchart: Writing: Weather Words Math: How Much Rain?	Chapter Level Digital: 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 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

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2.ESS.3 Investigate how wind or water change the shape of the land and design solutions for prevention.

Reading	Inquiry	Digital
Chapter 5: Earth's Materials Pgs. 164-203 Reading Skill: Main Idea and Details Vocabulary: natural resources, fuel, rock, mineral, soil, texture, loam, landform, glacier, pollution, recycle, refuge Vocabulary Smart Cards: Pg. 197-200 Leveled Readers: B – Earth's Surface O- Rocks and Soil on Earth A – All About Crystals and Gems Science in Your Backyard Collecting Rocks Pg. 196 Reader's Theater: Scientists at the Fair The Paleontologist Science Song: Natural Resources	Try It Labs: What is in soil? Pg. 166 Explore It Labs: How can you sort rocks? Pg. 172 How does soil help plants? Pg. 176 How do materials break down? Pg. 188 At Home Labs: Find Minerals Pg. 175 Compare Landforms Pg. 184 Lightning Labs: Soil Survey Pg. 179 Go Green Labs: Classify Resources Pg. 171 New Uses for Old Cans Pg. 190 Investigate It: Directed: How can polluted water be cleaned? Pgs. 194-195 Guided: How does moving water affect water pollution? TE Open: How could you further explore pollution? TE Apply It Labs: Does gravel, sand, or soil make the best imprint? Teacher Program Guide Pg. 56 STEM Handbook: Trails That Last Multidisciplinary Flipchart: Social Studies: Protecting Our Earth Social Studies: All About Soil	Chapter Level Digital: 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 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

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2.ESS.4 Obtain information to identify where water is found on Earth and that it can be solid or liquid.		
Reading	Inquiry	Digital
Chapter 7: Weather Pgs. 232-265 Reading Skill: Compare and Contrast Vocabulary: water cycle, temperature, precipitation, wind, pattern, severe weather Vocabulary Smart Cards: Pg. 262-262 Leveled Readers: B – Weather O- Understanding Weather A – Our Changing Seasons Field Trip: National Hurricane Center Pg. 260 Reader's Theater: Atmospheric Scientists Science Song: What's the Weather?	Try It Labs: How can you show temperature? Pg. 234 Explore It Labs: Which way does the wind blow? Pg. 240 How much rain falls? Pg. 244 What do tornados look like? Pg. 252 At Home Labs: Make a List Pg. 242 Chart the Weather Pg. 247 Safe Places Pg. 255 Lightning Labs: Measure Evaporation Pg. 239 Changing Seasons Pg. 251 Investigate It: Directed: What is your weather like? Pg. 258-259 Guided: How does sunshine affect weather? TE Open: How could you further explore weather? TE Multidisciplinary Flipchart: Writing: Weather Words Math: How Much Rain?	Chapter Level Digital: 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 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

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2.LS.1 Determine patterns and behavior (adaptations) of parents and offspring which help offspring to survive.

Reading	Inquiry	Digital
Chapter 4: Growing and Changing Pgs. 118-159 Reading Skill: Sequence Vocabulary: life cycle, larva, pupa, tadpole, litter, seedling, inherit, skeleton Vocabulary Smart Cards: Pg. 153-156 Leveled Readers: B – Living Things O- Animals and Their Life Cycles A – From Egg to Animal Do the Math: Compare Size and Age Pg. 152 Reader's Theater: Wildlife Rehabilitator The Entomologist The Ecologist Science Song: Hi, Little Turtle!	Try It Labs: How does a butterfly grow and change? Pg. 120 Explore It Labs: How are life cycles alike and different? Pg. 126 How does a seed grow? Pg. 134 How are babies like their parents? Pg. 138 How does your arm work? Pg. 142 At Home Labs: Parent and Young Pg. 140 Sound of a Heartbeat Pg. 146 Lightning Labs: Play a Butterfly Pg. 125 How You Grow Older Pg. 129 Mouse Life Cycle Pg. 133 Investigate It: Directed: What is the lifecycle of a beetle? Pg. 150-151 Guided: How do beetles move? TE Open: How could you further explore mealworms? TE Multidisciplinary Flipchart: Art: Parts of a Plant Art: Parts of an Animal Social Studies: Life Cycle of a Butterfly Art: Life Cycle of a Frog Math: How Many Babies? Writing: Life Cycle of a Plant Writing: Parents and Children STEM Handbook: Trap It and Learn!	Chapter Level Digital: 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 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

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2.LS.2 Compare and contrast details of body plans and structures within the life cycles of plants and animals.

Reading	Inquiry	Digital
Chapter 4: Growing and Changing Pgs. 118-159 Reading Skill: Sequence Vocabulary: life cycle, larva, pupa, tadpole, litter, seedling, inherit, skeleton Vocabulary Smart Cards: Pg. 153-156 Leveled Readers: B – Living Things O- Animals and Their Life Cycles A – From Egg to Animal Do the Math: Compare Size and Age Pg. 152 Reader's Theater: Wildlife Rehabilitator The Entomologist The Ecologist Science Song Hi, Little Turtle!	Try It Labs: How does a butterfly grow and change? Pg. 120 Explore It Labs: How are life cycles alike and different? Pg. 126 How does a seed grow? Pg. 134 How are babies like their parents? Pg. 138 How does your arm work? Pg. 142 At Home Labs: Parent and Young Pg. 140 Sound of a Heartbeat Pg. 146 Lightning Labs: Play a Butterfly Pg. 125 How You Grow Older Pg. 129 Mouse Life Cycle Pg. 133 Investigate It: Directed: What is the lifecycle of a beetle? Pg. 150-151 Guided: How do beetles move? TE Open: How could you further explore mealworms? TE Multidisciplinary Flipchart: Art: Parts of a Plant Art: Parts of an Animal Social Studies: Life Cycle of a Butterfly Art: Life Cycle of a Frog Math: How Many Babies? Writing: Life Cycle of a Plant Writing: Parents and Children STEM Handbook: Trap It and Learn!	Chapter Level Digital: 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 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

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2.LS.3 Classify living organisms according to variations in specific physical features (i.e. body coverings, appendages) and describe how those features may provide an advantage for survival in different environments.

Reading	Inquiry	Digital
Chapter 3: Plants and Animals Pg. 72-117 Reading Skill: Compare and Contrast Vocabulary: amphibian, camouflage, nutrient, roots, stem, habitat, food chain, predator, prey, fossil, extinct Vocabulary Smart Cards: Pg. 111-114 Leveled Readers: B – Needs and Habitats O – Different Habitats A – Discovering Plants, Animals, and Their Habitats Science Careers: Wildlife Rehabilitator Reader's Theater The Wildlife Rehabilitator The Ecologist Science Song: Plants	Try It Labs: What do plants need to be healthy? Pg. 74 Explore It Labs: How do ears compare? Pg. 82 Where can plants live? Pg. 94 What is the order of a food chain? Pg. 100 What can a fossil show? Pg. 103 At Home Labs: Group Animals Pg. 81 Make a Fossil Pg. 106 Lightning Labs: Animal Needs Pg. 84 Draw a Food Chain Pg. 103 Go Green Labs: Air in the Soil Pg. 91 Clean Habitats Pg. 97 Investigate It Labs: Directed: How does water affect plant growth? Pgs. 109-110 Guided: What will happen if you give a plant a lot of water? TE Open: What other things do plants need to grow? TE Apply It Labs: How can an octopus use its arms? Teacher Program Guide Pg. 50 STEM Handbook: Trap It and Learn Multi-Disciplinary Centers: Art: Parts of a Plant Art: Parts of an Animal	Chapter Level Digital: 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 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

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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
Chapter 2: Technology and the Design Process Pg. 46-78 Reading Skill: Main Idea and Supporting Details Vocabulary: technology, work, wheel and axle, wedge, lever, inclined plane, pulley, screw, design process, research, prototype Vocabulary Smart Cards: Pg. 69-72 Leveled Readers: B – Designing with Technology O – All About Technology and Design A – Using Technology and Design Read Together: STEM – Lawn Mowers Pg. 68 Big World, My Word – Studying Clouds from Space Pg. 77	Try It Labs: How can you design a parachute? Pg. 48 Explore It Labs: How can a simple machine solve a problem? Pg. 54 Which design transfers sound the best? Pg. 60 At Home Labs: Transportation in the Future Pg. 52 Complex Machines Pg. 58 Go Green Labs: Salvaged Solution Pg. 62 Investigate It Labs: Directed: What makes a bridge strong? Pg. 66-67 Guided: How would moving the books farther apart affect the strength of the bridge? TE Open: How could building a stronger bridge be explored further? TE Design It Labs: What parachute design works best? Pg. 78-83 How Would You Design a Pencil? Program Guide STEM: Falling Parachute STEM Handbook *Also within STEM strand of all other 3rd grade standards	Chapter Level Digital: 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 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

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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**
Chapter 2: Technology and the Design Process Pg. 46-78 Reading Skill: Main Idea and Supporting Details Vocabulary: technology, work, wheel and axle, wedge, lever, inclined plane, pulley, screw, design process, research, prototype Vocabulary Smart Cards: Pg. 69-72 Leveled Readers: B – Designing with Technology O – All About Technology and Design A – Using Technology and Design Read Together: STEM – Lawn Mowers Pg. 68 Big World, My Word – Studying Clouds from Space Pg. 77	Try It Labs: How can you design a parachute? Pg. 48 Explore It Labs: How can a simple machine solve a problem? Pg. 54 Which design transfers sound the best? Pg. 60 At Home Labs: Transportation in the Future Pg. 52 Complex Machines Pg. 58 Go Green Labs: Salvaged Solution Pg. 62 Investigate It Labs: Directed: What makes a bridge strong? Pg. 66-67 Guided: How would moving the books farther apart affect the strength of the bridge? TE Open: How could building a stronger bridge be explored further? TE Design It Labs: What parachute design works best? Pg. 78-83 How Would You Design a Pencil? Program Guide STEM: Falling Parachute STEM Handbook *Also within STEM strand of all other 3rd grade standards	Chapter Level Digital: 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 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

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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
Chapter 2: Technology and the Design Process Pg. 46-78 Reading Skill: Main Idea and Supporting Details Vocabulary: technology, work, wheel and axle, wedge, lever, inclined plane, pulley, screw, design process, research, prototype Vocabulary Smart Cards: Pg. 69-72 Leveled Readers: B – Designing with Technology O – All About Technology and Design A – Using Technology and Design Read Together: STEM – Lawn Mowers Pg. 68 Big World, My Word – Studying Clouds from Space Pg. 77	Try It Labs: How can you design a parachute? Pg. 48 Explore It Labs: How can a simple machine solve a problem? Pg. 54 Which design transfers sound the best? Pg. 60 At Home Labs: Transportation in the Future Pg. 52 Complex Machines Pg. 58 Go Green Labs: Salvaged Solution Pg. 62 Investigate It Labs: Directed: What makes a bridge strong? Pg. 66-67 Guided: How would moving the books farther apart affect the strength of the bridge? TE Open: How could building a stronger bridge be explored further? TE Design It Labs: What parachute design works best? Pg. 78-83 How Would You Design a Pencil? Program Guide STEM: Falling Parachute STEM Handbook *Also within STEM strand of all other 3rd grade standards	Chapter Level Digital: 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 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

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READING STREET CORRELATIONS TO INTERACTIVE SCIENCE
GRADE 2

	WEEK 1	WEEK 2	WEEK 3	WEEK 4	WEEK 5
Reading Street: UNIT 1-EXPLORATION	*What can we learn by exploring different communities*	*What can we learn by exploring space?*	*What can we discover by exploring nature?*	*What can we learn by exploring the desert?*	*How does exploration help us find answers?*
Pearson Interactive Science	Social Studies Connection	**The Solar System pages 204-231**	**The Solar System pages 204-231**	**Plants and Animals pages 72-117**	**Plants and Animals pages 72-117**
Reading Strategies	Monitor and Clarify	Text Structure	Story Structure	Important Ideas	Predict and Set Purpose
Reading Skills	Character and Setting	Main Idea and Details	Character and Setting	Main Idea and Details	Facts and Details
ScienceTarget Reading Skills		Picture Clues	Picture Clues	Compare and Contrast	Compare and Contrast
Indiana Literacy Standard		2.RN.3.1	2.RN.3.1	2.RN.3.2	2.RN.3.2

	WEEK 1	WEEK 2	WEEK 3	WEEK 4	WEEK 5
Reading Street: UNIT 2-WORKING TOGETHER	*How can we help each other in dangerous situations?*	*How has working together changed history?*	*How can we work together to meet people's needs?*	*Why is it a good idea to work together?*	*How can we work together to solve problems?*
Pearson Interactive Science	**Energy, Motion, and Force pages 308-350**	Social Studies Connection	Social Studies Connection	**Energy, Motion, and Force pages 308-350**	**Plants and Animals pages 72-117 Weather pages 232-268**
Reading Strategies	Summarize	Text Structure	Background Knowledge	Story Structure	Inferring
Reading Skills	Cause and Effect	Author's Purpose	Facts and Details	Cause and Effect	Compare and Contrast
ScienceTarget Reading Skills	Cause and Effect			Cause and Effect	Compare and Contrast
Indiana Literacy Standard	2.RN.2.3			2.RN.2.3	2.RN.3.2

	WEEK 1	WEEK 2	WEEK 3	WEEK 4	WEEK 5
Reading Street: UNIT 3-CREATIVE IDEAS	*When does support from others help with a creative idea?*	*In what creative ways do we communicate?*	*How can creative thinking solve a problem?*	*When does a creative idea lead to a surprise?*	*Where do creative ideas come from?*
Pearson Interactive Science	**Technology and Tools pages 36-70**	**Matter pages 270-307**	**Plants and Animals pages 72-117**	**Growing and Changing pages 118-160**	**Plants and Animals pages 72-117**
Reading Strategies	Questioning	Visualize	Summarize	Predict and Set Purpose	Inferring
Reading Skills	Author's Purpose	Draw Conclusions	Compare and Contrast	Sequence	Fact and Opinion
ScienceTarget Reading Skills	Main Idea and Details	Draw Conclusions	Compare and Contrast	Sequence	Compare and Contrast
Indiana Literacy Standard	2.RN.2.1	2.RN.2.3	2.RN.3.2	2.RN.2.3	2.RN.3.2

	WEEK 1	WEEK 2	WEEK 3	WEEK 4	WEEK 5
Reading Street: UNIT 4-OUR CHANGING WORLD	*How can familiar things help us with changes?*	*How do plants change over time?*	*What changes occur under the ground?*	*Why are some changes difficult?*	*How do changes in the weather affect us?*
Pearson Interactive Science	**Matter pages 270-307**	**Growing and Changing pages 118-160**	**Earth's Materials pages 164-203**	Social Studies Connection	**Weather pages 232-268**
Reading Strategies	Background Knowledge	Important Ideas	Questioning	Visualize	Monitor and Clarify
Reading Skills	Draw Conclusions	Sequence	Fact and Opinion	Plot and Theme	Plot and Theme
ScienceTarget Reading Skills	Draw Conclusions	Sequence	Main Idea and Details		Compare and Contrast
Indiana Literacy Standard	2.RN.2.3	2.RN.2.3	2.RN.2.1		2.RN.3.2

	WEEK 1	WEEK 2	WEEK 3	WEEK 4	WEEK 5
Reading Street: UNIT 5-RESPONSIBILITY	*Why should we be responsible for doing a good job?*	*How can we be responsible community members?*	*How can we be responsible animal owners?*	*How can we be responsible friends and neighbors?*	*How can we be responsible when we make a mistake?*
Pearson Interactive Science	Social Studies Connection	**Energy, Motion, and Force pages 308-350**	**Plants and Animals pages 72-117 Weather pages 232-268**	Social Studies Connection	**Technology and Tools pages 36-70 Earth's Materials pages 164-203**
Reading Strategies	Important Ideas	Visualize	Backgrond Knowledge	Story Structure	Inferring
Reading Skills	Fact and Opnion	Cause and Effect	Plot and Theme	Character and Setting	Main Idea and Details
ScienceTarget Reading Skills		Cause and Effect	Compare and Contrast		Main Idea and Details
Indiana Literacy Standard		2.RN.2.3	2.RN.3.2		2.RN.2.2

	WEEK 1	WEEK 2	WEEK 3	WEEK 4	WEEK 5
Reading Street: UNIT6TRADITIONS	*Why are sports traditions important ot our country?*	*What traditions and celebrations involve our country's flag?*	*Why are family celebrations special?*	*What can we learn about cowboy traditions?*	*How are different traditions celebrated and shared?*
Pearson Interactive Science	**Plants and Animals pages 72-117 Weather pages 232-268**	Social Studies Connection	**Matter pages 270-307**	**Growing and Changing pages 118-160**	Social Studies Connection
Reading Strategies	Monitor and Clarify	Summarize	Questioning	Text Structure	Predict and Set Purpose
Reading Skills	Compare and Contrast	Author's Purpose	Draw Conclusions	Sequence	Facts and Details
ScienceTarget Reading Skills	Compare and Contrast		Draw Conclusions	Sequence	
Indiana Literacy Standard	2.RN.3.2		2.RN.4.2	2.RN.2.3	

KEY

Target Reading Connection

Science Connection

interactive SCIENCE

INDIANA

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

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

615W2118

Pearson

PearsonSchool.com
800-848-9500