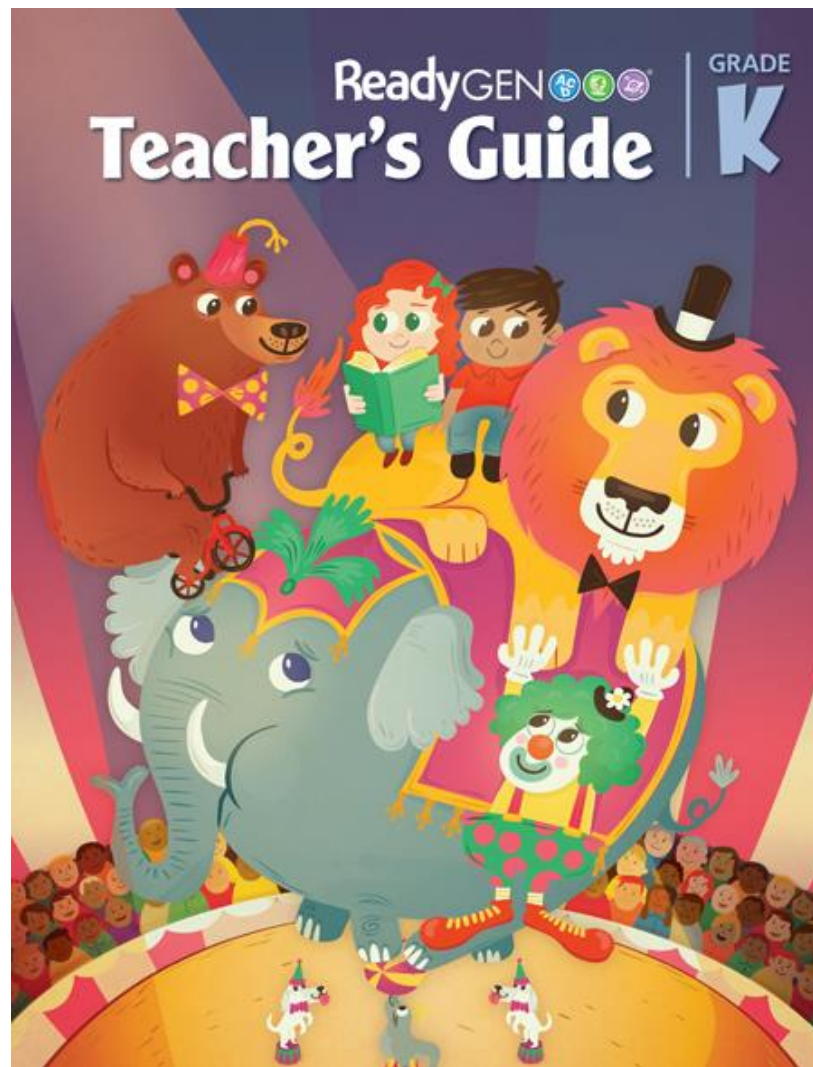


A Correlation of



to the

**Indiana Academic Science Standards
Kindergarten**

A Correlation of ReadyGEN, Kindergarten to the Indiana Academic Science Standards

Introduction

This document demonstrates how **ReadyGEN** meets the **Indiana Academic Science Standards**. Correlation page references are to the Unit Module Teacher's Guides and are cited by grade, unit, module, and page references.

ReadyGEN is a K-6 integrated literacy curriculum that equips students and teachers with the tools to meet heightened literacy expectations. Authentic, rigorous text sets actively engage students, and a complete array of print and digital resources provide teachers with the support and flexibility they need.

AUTHENTIC TEXT AT THE CORE OF INSTRUCTION

- Puts a library of 12 authentic trade books in the hands of every child.

BUILT WITH THE RESULTS IN MIND

- Back-mapped for success to ensure that activities are driven by rigorous standards.

BROADENS ACCESSIBILITY TO COMPLEX TEXTS AND TASKS

- Point-of-use scaffolds, strategic support, and individualized intervention accelerates learning for all.

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Indiana Academic Science Standards	ReadyGEN Kindergarten
Physical Science (PS)	
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.	Opportunities to address this objective can be found with the following: TG: <u>Unit 5 Knowing About Patterns and Structures</u> Sleuth Read-Alouds: Simple Machines
K.PS.2 Identify and explain possible uses for an object based on its properties and compare these uses with other students' ideas.	Opportunities to address this objective can be found with the following: <u>Unit 2 Understanding Then and Now</u> Module B: Lessons 1-6: Anchor Text: <i>Farming Then and Now</i> Lessons 7-10: Supporting Text: <i>The Old Things</i> Lessons 11-12: <i>Farming Then and Now</i> and <i>The Old Things</i>
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.	Opportunities to address this objective can be found with the following: TG: <u>Unit 5 Knowing About Patterns and Structures</u> Sleuth Read-Alouds: Simple Machines
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.	Opportunities to address this objective can be found with the following: TG: <u>Unit 5 Knowing About Patterns and Structures</u> Sleuth Read-Alouds: Simple Machines
Earth and Space Science (ESS)	
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.	TG: <u>Unit 2 Understanding Then and Now</u> Module A: Lessons 5-9: Supporting Text: <i>Four Seasons Make a Year</i>
K.ESS.2 Describe and compare objects seen in the night and day sky, observing that the sun and moon move across the sky.	Opportunities to address this objective can be found with the following: TG: <u>Unit 2 Understanding Then and Now</u> Module A: Lessons 5-9: Supporting Text: <i>Four Seasons Make a Year</i>

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<p align="center">Indiana Academic Science Standards</p>	<p align="center">ReadyGEN Kindergarten</p>
<p>K.ESS.3 Investigate the local weather conditions to describe patterns over time.</p>	<p>TG: <u>Unit 3 Predicting Change</u> Module A: Lessons 1-7: Anchor Text: <i>Come On, Rain!</i> Lessons 8-11: Supporting Text: <i>The Snowy Day</i> Lessons 12-13: <i>Come On, Rain! And The Snowy Day</i> Module B: Lessons 1-6: Anchor Text: <i>What Will the Weather Be?</i> Lessons 7-10: Supporting Text: <i>Weather Words and What They Mean</i> Lessons 11-12: <i>What Will the Weather Be? And Weather Words and What They Mean</i></p> <p><u>Sleuth Read-Aloud</u> <i>Our Snowy Discovery</i></p> <p><u>Leveled Text Library (examples)</u> <i>All Kinds of Weather</i> <i>What Is the Weather?</i> <i>What Will the Weather Be?</i> <i>Rain</i> <i>Checking the Weather</i> <i>Winter Is Coming</i></p>

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Indiana Academic Science Standards	ReadyGEN Kindergarten
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.	<p>Opportunities to address this objective can be found with the following: TG: <u>Unit 1 Living Together: This is Home</u> Module B Lessons 1-6: Anchor Text: <i>Life in a Pond</i> <u>Unit 6 Exploring Communities</u> Module A: Opinions Writing, 18 (recycling)</p>
Life Science (LS)	
K.LS.1 Describe and compare the growth and development of common living plants and animals.	<p>TG: <u>Unit 1 Living Together: This is Home</u> Module A: Lessons 1-8: Anchor Text: <i>Where Is Home, Little Pip?</i> Lessons 9-11: Supporting Text: <i>A House for Hermit Crab</i> Lessons 12-13: <i>Where Is Home, Little Pip? And A House for Hermit Crab</i> Module B Lessons 1-6: Anchor Text: <i>Life in a Pond</i> Lessons 7-10: Supporting Text: <i>A Bed for the Winter</i> Lessons 11-12: <i>Life in a Pond</i> and <i>A Bed for the Winter</i></p> <p><u>Unit 5 Knowing About Patterns and Structures</u> Module A: Lessons 1-7: Anchor Text: <i>The Tiny Seed</i> Lessons 8-11: Supporting Text: <i>Jack's Garden</i> Lessons 12-13: <i>The Tiny Seed</i> and <i>Jack's Garden</i> Module B: Lessons 1-7: Anchor Text: <i>Plant Patterns</i></p> <p><u>Leveled Text Library (examples)</u> <i>Animals Change</i> <i>Caterpillars Change</i> <i>Changes in the Garden</i> <i>In the Garden</i> <i>Gardens Change</i> <i>Grow Tomatoes</i> <i>From Seeds to Plants</i></p>

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Indiana Academic Science Standards	ReadyGEN Kindergarten
<p>K.LS.2 Describe and compare the physical features of common living plants and animals.</p>	<p>TG: <u>Unit 1 Living Together: This is Home</u> Module A: Lessons 9-11: Supporting Text: <i>A House for Hermit Crab</i> Module B Lessons 1-6: Anchor Text: <i>Life in a Pond</i></p> <p><u>Unit 5 Knowing About Patterns and Structures</u> Module A: Lessons 1-7: Anchor Text: <i>The Tiny Seed</i> Lessons 8-11: Supporting Text: <i>Jack’s Garden</i> Lessons 12-13: <i>The Tiny Seed</i> and <i>Jack’s Garden</i> Module B: Lessons 1-7: Anchor Text: <i>Plant Patterns</i></p> <p><u>Leveled Text Library (examples)</u> <i>Animals Change</i> <i>Caterpillars Change</i> <i>Changes in the Garden</i> <i>In the Garden</i> <i>Gardens Change</i> <i>Grow Tomatoes</i> <i>From Seeds to Plants</i></p>
<p>K.LS.3 Use observations to describe patterns of what plants and animals (including humans) need to survive.</p>	<p>TG: <u>Unit 1 Living Together: This is Home</u> Module A: Lessons 9-11: Supporting Text: <i>A House for Hermit Crab</i> Module B Lessons 1-6: Anchor Text: <i>Life in a Pond</i></p> <p><u>Unit 5 Knowing About Patterns and Structures</u> Module A: Lessons 1-7: Anchor Text: <i>The Tiny Seed</i> Lessons 8-11: Supporting Text: <i>Jack’s Garden</i> Lessons 12-13: <i>The Tiny Seed</i> and <i>Jack’s Garden</i> Module B: Lessons 1-7: Anchor Text: <i>Plant Patterns</i></p> <p><u>Leveled Text Library (examples)</u> <i>Animals Change</i> <i>Caterpillars Change</i> <i>Changes in the Garden</i> <i>In the Garden</i> <i>Gardens Change</i> <i>Grow Tomatoes</i> <i>From Seeds to Plants</i></p>

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Engineering (E)	
<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.</p>	<p>Opportunities to address this objective can be found with the following: TG: <u>Unit 1 Living Together: This is Home</u> Module B Lessons 1-6: Anchor Text: <i>Life in a Pond</i> <u>Unit 6 Exploring Communities</u> Module A: Opinions Writing, 18 (recycling)</p> <p>Sleuth Read-Alouds ReadyGen provides opportunities to conduct investigations and share their responses.</p> <p>See Unit 1 Living Together: This is Home; Unit 2 Understanding Then and Now; Unit 3 Predicting Change; Unit 5 Knowing About Patterns and Structures</p>
<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.</p>	<p>Opportunities to address this objective can be found with the following: TG: <u>Unit 2 Understanding Then and Now</u> Module B: Lessons 1-6: Anchor Text: <i>Farming Then and Now</i> Lessons 7-10: Supporting Text: <i>The Old Things</i> Lessons 11-12: <i>Farming Then and Now</i> and <i>The Old Things</i> <u>Unit 5 Knowing About Patterns and Structures</u> Sleuth Read-Alouds: Simple Machines</p>

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<p>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.</p>	<p>Opportunities to address this objective can be found with the following: <u>Unit 2 Understanding Then and Now</u> Module B: Lessons 1-6: Anchor Text: <i>Farming Then and Now</i> Lessons 7-10: Supporting Text: <i>The Old Things</i> Lessons 11-12: <i>Farming Then and Now</i> and <i>The Old Things</i></p> <p>Sleuth Read-Alouds ReadyGen provides opportunities to conduct investigations and share their responses.</p> <p>See Unit 1 Living Together: This is Home; Unit 2 Understanding Then and Now; Unit 3 Predicting Change; Unit 5 Knowing About Patterns and Structures</p>

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