

Engage K-5 Students in LEARNING SCIENCE *by* DOING SCIENCE

Activate Learning PRIME was developed by UChicago STEM Education to prepare and inspire the next generation of scientists and engineers. Each unit of PRIME helps teachers engage students in 'doing science' and addresses the Indiana Standards while interweaving all elements of three-dimensional learning.

PRIME Overview

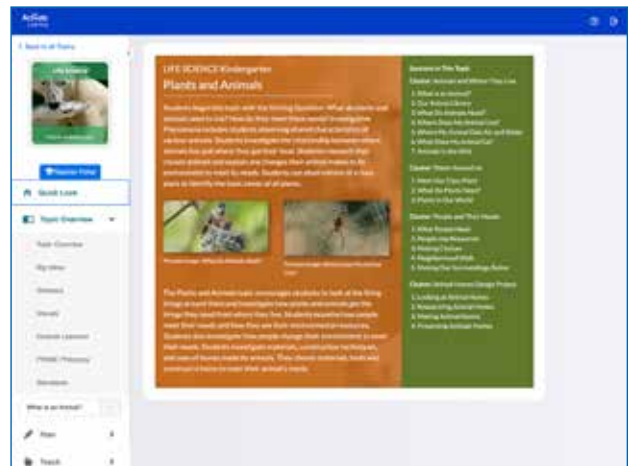
- Meets Indiana Standards of Three Dimensional Learning
- Introduces Science and Engineering Concepts, Processes and Practices
- Phenomena-driven, Hands-on Learning Activities
- Multimedia Content including Video, Audio, Graphic Simulations and more
- Printed and Interactive Digital Editions available

Designed to Support Teachers

- Lesson Plans
- Discussion Questions
- Differentiation Strategies
- Embedded Content and Pedagogical Support
- Instructional Supports, Webinars and Lesson Modeling
- Comprehensive Assessments

Focused on Student Outcomes

- Phenomena-driven Activities
- Investigation-centered approach develops Discourse and Critical Thinking Skills
- Hands-on Explorations
- Activities support Literacy and Math Standards



For a limited time, access and review our
Teacher & Student Interactive Digital Edition of PRIME:

Log-in Information

URL	https://indiana.activatelearningdigital.com
Username	in-prime_t1@aldpdemo.com
Password	in-prime_t1

PRIME Curriculum Overview

All units integrate Engineering Design Projects that provide students with opportunities to apply science concepts to engineering questions and problems. For example in [Grade 1 \(Light and Sound\)](#), students design and build a communication device that uses light or sound to signal a variety of movements. In [Grade 2 \(Land, Water and Wind\)](#) students design solutions to reduce wind or water erosion, and by [4th Grade \(Technology & Energy\)](#), students are able to apply the engineering process to design and build a machine that will solve a real world problem.

Below is the unit scope and sequence for Indiana.

K	Grade 1	Grade 2	Grade 3	Grade 4	Grade 5
 <p>My Science Notebook: Pushes and Pulls</p>	 <p>My Science Notebook: Light and Sound</p>	 <p>My Science Notebook: Solids, Liquids, and Gases</p>	 <p>My Science Notebook: Forces in Action</p>	 <p>My Science Notebook: Energy Transfers</p>	 <p>My Science Notebook: Investigating Matter</p>
 <p>My Science Notebook: Plants and Animals</p>	 <p>My Science Notebook: Examining Living Things</p>	 <p>My Science Notebook: Diversity in Habitats</p>	 <p>My Science Notebook: Changing Environments</p>	 <p>My Science Notebook: Technology and Energy</p>	 <p>My Science Notebook: Ecosystems</p>
 <p>My Science Notebook: Tracking the Weather</p>	 <p>My Science Notebook: Watching the Sky</p>	 <p>My Science Notebook: Land, Water, and Wind</p>	 <p>My Science Notebook: Patterns in Life Cycles</p>	 <p>My Science Notebook: Waves</p>	 <p>My Science Notebook: Earth's Systems</p>
			 <p>My Science Notebook: Inheritance and Variation</p>	 <p>My Science Notebook: Structures in Living Things</p>	 <p>My Science Notebook: Earth in Space</p>
			 <p>My Science Notebook: Weather and Climate</p>	 <p>My Science Notebook: Our Geosphere</p>	