

# elevateScience ©2019

Savvas Learning Company  
Grades K–8



*elevateScience™* is a K-8 phenomena-based science curriculum immersing students in the inquiry process. This is science elevated for problem solving, critical thinking, and the NGSS performance expectations.

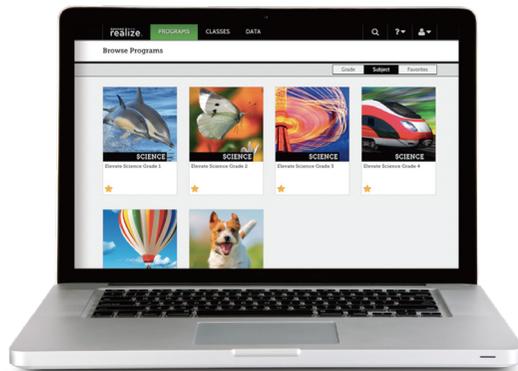
*elevateScience™* encourages curiosity, transforms learning, and promotes student innovation. This new program elevates teaching and learning to a new level with student-centered activities based on the Next Generation Science Standards. Real-world problems, simple explanations, and best practices make teaching practical and rewarding. Share the wonder the wonder of science with your students as you promote inquiry and exploration in the classroom.

Learn More



*elevateScience™* encourages investigation, critical thinking, and reasoning—exploring science through phenomena-based Quests, engaging in STEM and engineering activities, while making interdisciplinary connections as they solve problems.

*elevateScience™* is rich with assessment opportunities to inform teaching and improve learning. Assessments are downloadable, editable, printable and can be administered digitally through the Savvas Realize™ digital platform.



### QUEST

- Real-world, problem-based investigations
- Anchors the topic concept to a storyline
- Reinforces the crosscutting concepts
- Provides application for the STEM practices



### uCONNECT

- Launches every topic with a hands-on activity
- Engages students in phenomena
- Builds a foundational, common experience



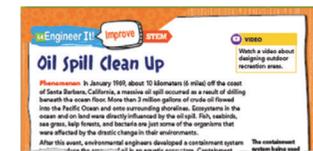
### VIRTUAL LAB

- Quick and accessible digital investigations
- Provides instant feedback
- Open-ended with multiple simulations



### uINVESTIGATE

- Explores the lesson concept
- Helps construct student knowledge
- Builds meaning while connecting concepts



### uENGINEER IT!

- Models the engineering and design process
- Develops critical thinking and communication skills
- Encourages creativity and collaboration



### uDEMONSTRATE

- Performance-based summative assessment
- Application of the topic concept in a new setting
- Makes use of Claim, Evidence, Reasoning framework

# Exploring Science ©2019

## National Geographic Learning Grades K–5



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Developed specifically for the Next Generation Science Standards (NGSS), National Geographic *Exploring Science* covers 100% of the NGSS for Grades K-5 to ensure students are mastering the Performance Expectations. Now with improved 3-Dimensional lesson support, more hands-on activities for students, enhanced assessment opportunities, and our MindTap digital platform including interactivity to support 3D learning.

- ▶ Introduce real-world science practices with National Geographic Explorers, scientists, and photographers
- ▶ Wide variety of lesson types keep students engaged in 3D learning from different perspectives
- ▶ Teacher support for phenomenon-based lessons, assessment, literacy integration, and differentiation to meet all student needs.

### Assessment

Exploring Science provides teachers with a range of formative and summative assessment resources include:

- ▶ Wrap It Up! questions for each lesson
- ▶ Unit pre-assessments, opening activities, and quizzes
- ▶ Student Science Notebooks are a formative assessment resource
- ▶ Unit tests, performance tasks, and rubrics
- ▶ ExamView test banks including varying question types searchable by NGSS standard
- ▶ Teacher rubrics are included to assess Performance Expectation activities. Student rubrics allow the opportunity for self reflection.

### Technology

Turn the NGSS into an engaging student experience with the most interactive and powerful digital program available in MindTap.

- ▶ Highly engaging, content-based activities at point-of-use
- ▶ New animations and videos featuring Explorers, scientists, and photographers
- ▶ New Virtual Labs allowing students to change variables and observe different outcomes
- ▶ Teacher gradebook and data analytics for detailed assessment
- ▶ Correlation tool allows easy search for content and activities by NGSS standard

# Glencoe iScience ©2017

McGraw-Hill  
Grades 6–8



*Glencoe iScience* is the most effective, innovative, and inspiring middle school science curriculum that meets both NGSS and local science standards. For educators who would like to leverage technology to drive personalized student success while engaging and motivating students with hands-on, project-based activities and real-world applications, Glencoe iScience is the best partner.

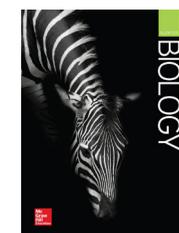
- ▶ With Glencoe iScience you are equipped to meet science standards performance, integrate Science and Engineering Practices into science classroom, apply the Disciplinary Core Ideas (DCIs) and correlate the lessons to NGSS.
- ▶ With PBLs you can help students develop problem-solving skills, the understanding and application of engineering design process, 21st century research competency and confidence, motivation, and excitement about science.
- ▶ Use diverse lab activities, like launch labs, minilabs, inquiry labs, virtual labs, to bring science to life.

## Programs for Glencoe iScience

- Life iScience
- Earth & Space iScience
- Physical iScience
- Integrated iScience Course 1, 2, 3



## Also available...



**Glencoe High School  
Science 2017**  
Grades 9-12

Biology  
Chemistry  
Physics  
Earth Science  
Physical Science  
Physical Science with  
Earth Science

Learn More



# Inspire Science

McGraw-Hill  
Grades K–12



*Inspire Science* helps students build innovative thinking skills by empowering them to explore and learn from our world's amazing natural phenomena in exciting, hands-on ways, and prepare students for a future full of STEM opportunities.

- ▶ Proven and research-driven 5E instructional model enhanced, to align with the demands of the NGSS for three-dimensional, phenomena-driven learning.
- ▶ Our close collaboration with the NGSS writers, and educators just like you has resulted in a tried-and-true approach to NGSS that you'll love.
- ▶ 24/7 professional learning when you need it, with an expansive library of relevant, self-paced, professional learning courses to support implementation, instructional progression and mastery.

Learn More



# Big Science

Pearson Education  
Books 1–6



EXPLORE, LEARN AND DISCOVER  
SCIENCE THROUGH ENGLISH

Science is everywhere. From your backyard to a tropical rain forest; from your pets at home to creatures in the sea; from your bike to a space station. With *Big Science* kids will learn to see and understand the world in new ways. They will ask questions, gather information, test ideas, and record their findings. In no time, your students will be thinking like young scientists!

- ▶ Trusted Content: Big Science aligns to Common Core Standards and Next Generation Science Standards, building both core language skills and scientific practices.
- ▶ Big Thinkers: The 5E methodology is a systematic approach to discovering, exploring, questioning and understanding the world around us.
- ▶ Support and confidence: ELL support in the Teacher's Book, means all teachers can teach science with confidence. Language practice in the Workbook, means Students develop

the language skills they need to engage with the science content.

- ▶ Flexibility: The modular structure of Big Science allows teachers to choose which units to teach, based on what is right for their class.
- ▶ Skills for life: Students learn essential skills for success in school and future life - critical thinking, collaboration, communication and self-direction.



Learn More



## Miller & Levine Biology ©2019

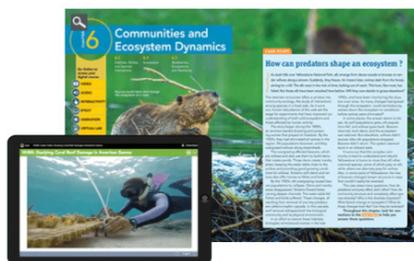
Savvas Learning Company  
Grades 9–12



The new *Miller & Levine Biology* developed for the modern biology classroom. This innovative and fresh program focuses on new standards, making sense of phenomena, STEM integration, and three-dimensional learning. Respected biology authors Ken Miller and Joe Levine bring an accessible writing style to the narrative that engages students of all levels.

### ► Ignite Curiosity

Authentic case studies and laboratory investigations drive inquiry-based learning. Students directly interact with science phenomena. They engage in real-world problem solving, science and engineering practices, and data analysis.



### ► Promote Understanding

Science textbooks challenge many students. Miller & Levine Biology provides critical reading support, visual aids, ELD strategies, performance-based assessment and self-monitoring tasks to improve understanding and enjoyment. The student text and eText are available in English and Spanish.

### ► Inspire Learning

Problem-based learning inspires students to seek out solutions. Every unit focuses on a long-term problem that will engage students in analytical thinking, collaboration, and self-directed learning. A new CISD Instructional Model (Connect, Investigate, Synthesize, Demonstrate) creates a learner-driven environment based on 21st century competencies.

Learn More



## Experience Chemistry ©2021

Savvas Learning Company  
Grades 9–12



*Experience Chemistry* gets students to investigate real, compelling phenomena – and experience how chemistry relates to their everyday lives. Is there chemistry in water, food, medicine, or the latest sports shoe? Hands-on and digital activities encourage students to figure things out.

### ► Phenomenal experiences drive Inquiry

Real-world phenomena engages students in evidence-based ideas and practices. The program organization implements the three dimensions around Anchoring, Investigative, and Everyday Phenomena.

### ► Flinn Labs take inquiry to a higher level

Direct from the leading lab solution provider! Four versions of every lab offer unequalled breadth and depth. With Engineering Design Challenges and Performance-Based Assessments, students design, test, and evaluate solutions.

### ► Experience creates real learning opportunities

It's authentic...it's compelling...it's REAL science. A wide variety of hands-on and virtual experiences create lines of inquiry in every lesson.

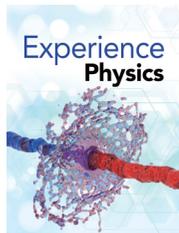


Learn More



# Experience Physics ©2022

Savvas Learning Company  
Grades 9–12



*Experience Physics* implements a learning model that organizes learning around phenomena giving students an authentic, real-world experience. Experience Physics includes a variety of hands-on and digital activities designed to reach every learner, and partners with Flinn Scientific to deliver high-quality inquiry labs, engineering workbenches, and performance assessments.

► **Phenomenal experiences drive student inquiry**

Experience Physics uses phenomena to engage students in scientific inquiry through its organizational structure and real-world storylines.

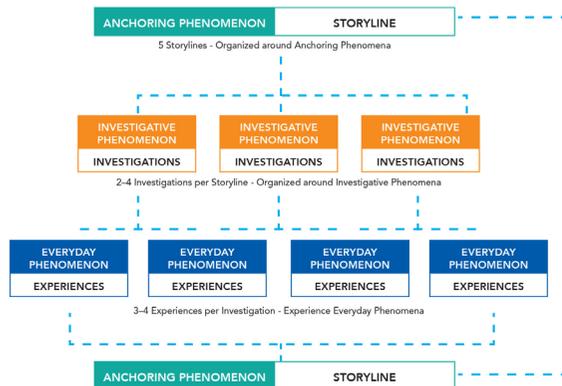
► **Flinn Scientific takes inquiry to a higher level**

An exclusive partnership with Flinn Scientific, the leading classroom lab solution provider, gives students access to its labs and activities directly in Experience Physics.

► **Virtual Explorations support the understanding of phenomena**

In addition to digital versions of the Student Handbook and Teacher Guide, find a wealth of resources that enhance the student experience.

**Phenomenon-based NGSS Organization**



Learn More



## Savvas International Science Curriculum

Science helps us understand the world around us. It holds answers to natural events, energy sources, climate change, new medical treatments, and the future! At Savvas, we've developed programs that enable students to experience science up close and personal. Using real-world and relevant phenomena to solve project-based problems, your students will learn how to approach challenges from a scientific perspective. Use the chart below to find a wealth of reliable teaching tools across all grades.

FRONT LIST PROGRAMS	GRADE LEVEL												
	K	1	2	3	4	5	6	7	8	9	10	11	12
elevateScience™	•	•	•	•	•	•	•	•	•				
Experience Physics										•	•	•	•
Environmental Science										•	•	•	•
Miller & Levine Biology										•	•	•	•
Earth Science										•	•	•	•
Health										•	•	•	•

