

HMH **Florida** Science

REIMAGINED. REINVENTED.



PROGRAM OVERVIEW
GRADES 6–8

A NEW SOLUTION FOR 6–8 SCIENCE

REIMAGINED/REINVENTED

Imagine a classroom where students ask questions, state claims, test their ideas, and find resolution through reasoning. With increased demand for science literacy in the workplace, it has become imperative to develop such innovators and problem solvers to fill critical, next generation career roles.

With built-in support and a transformed lesson structure, instructors will become facilitators who empower their students to learn through self-directed exploration, analysis, application, and explanation—in short, to think like scientists.

INSPIRE THE NEXT GENERATION OF SCIENTISTS AND INNOVATORS.

HMH Florida Science's innovative print and digital curriculum encourages inquiry and scientific thinking in all students. This science program incorporates **multimodal learning**, support for STEM and 21st-century skills acquisition, and a vast set of unique and engaging online resources. **HMH Florida Science** can be accessed in the classroom or at home, on a laptop or tablet, or through the print write-in textbook. The digital and print pathways develop important **critical-thinking skills** that prepare students for success in future science courses and in the workplace.

- Promote active learning with investigation-driven activities.
- Build excitement for engineering and STEM.
- Build problem-solving skills with performance-based assessment.
- Engage students with motivating digital resources, including connections to Google® Expeditions.
- Create enduring understanding with integrated Three-Dimensional Learning.
- Develop effective scientific and engineering approaches with embedded professional support from HMH®.

DISCOVER WHAT MAKES **HMH FLORIDA SCIENCE** BEST IN CLASS!



PROGRAM COMPONENTS

Each Grade for 6–8 and Earth, Life and Physical Science, has its own Student Edition in **HMH Florida Science**. For your convenience, all the program resources for both the student and teacher are located online.

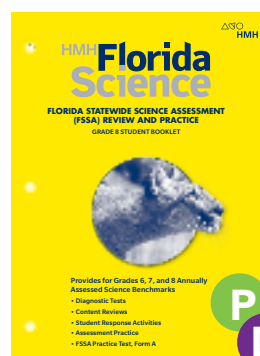
All resources available in both **English** and **Spanish**!



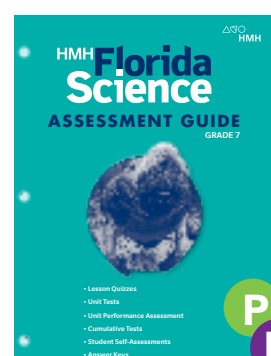
**Write-In Student Edition
Interactive Worktext**



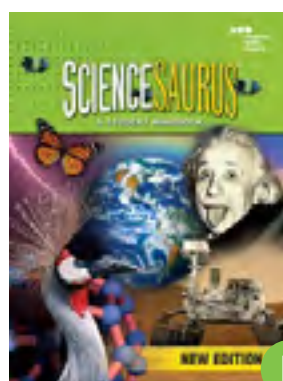
Teacher Edition



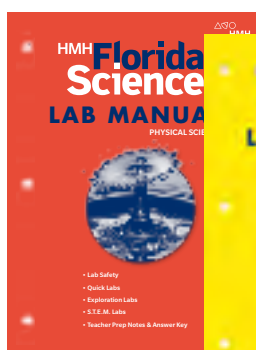
**Teacher/Student FSSA
Practice and Review**



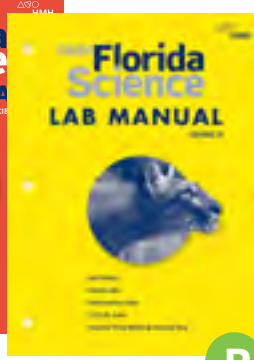
**Teacher
Assessment Guide**



**ScienceSaurus
Student Handbook**



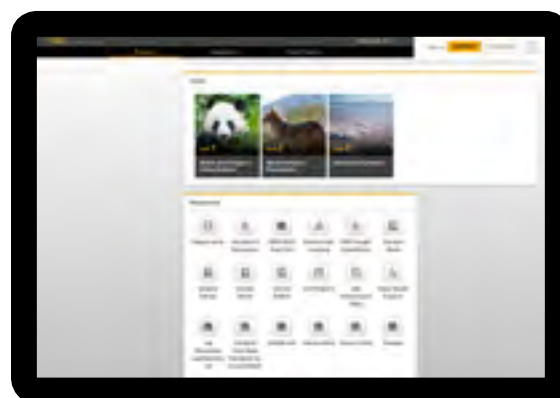
Lab Manuals



Grade-Level Equipment



Student Interactive Digital Curriculum



Teacher Online Management Center

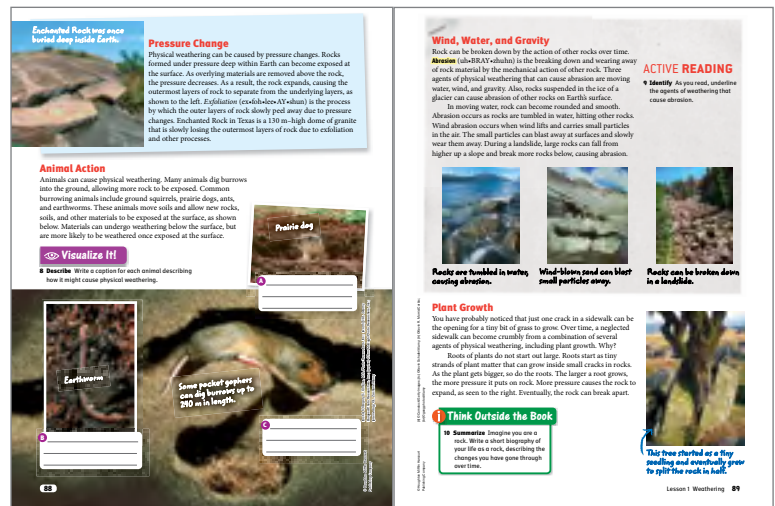
TOP FIVE REASONS TO CHOOSE

HMH Florida Science

1

HOW DO YOU SUPPORT LITERACY WHILE TEACHING SCIENCE?

In order to develop literacy skills, students need to be engaged in active reading and interact with the informational text. The **HMH Florida Science** Write-In Worktext was designed from the ground up to strengthen students' literacy skills. Add the **ScienceSaurus®** Student Handbook's dynamic visuals and clear explanations of key scientific concepts to further build students' literacy and vocabulary abilities.

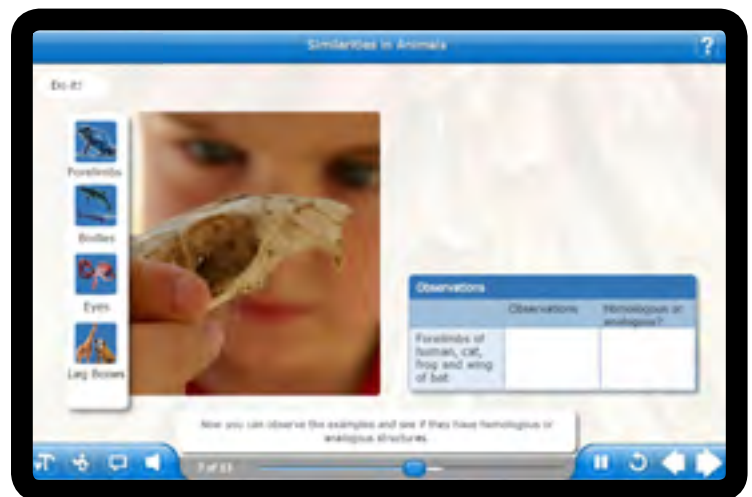


Interactive Worktext

2

ENGAGING TECHNOLOGY

Students naturally engage with well-designed educational technology. **HMH Florida Science's** innovative eLearning allows students to conduct **Virtual Labs**, complete **Video-Based Projects**, and reinforce concepts with unique **Digital Lessons**. With access to **Google Expeditions**, students can experience and explore virtual worlds to understand that science is all around them.



Virtual Lab



Equipment Materials

3 HOW HARD IS IT TO HAVE STUDENTS DO SCIENCE IN THE CLASSROOM?

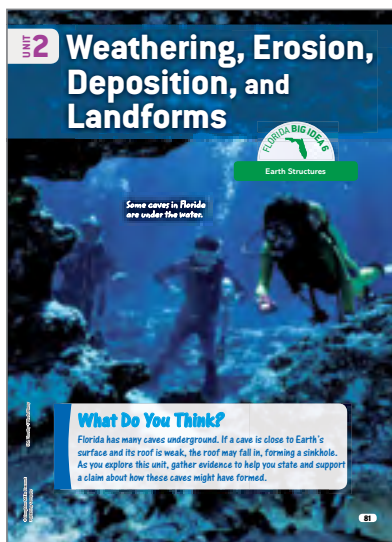
Hands-On Activities are integrated into many of the lessons. These are built with teachers' busy schedules in mind. With the **Lab Manual and Equipment kits**, students learn the excitement of investigating, asking questions, and drawing conclusions. Engaging investigations for every lesson allow students to test their ideas and share what they learned. Many activities contribute to a student's evidence gathering in each lesson and use **easily sourced materials**.



21st-Century Skills

4 WHY DOES STEM MATTER?

Preparing students for STEM-based careers and interests is at the heart of HMH Florida Science. STEM lessons and labs, **People in Science**, **Careers in Science**, and the new **Technology and Coding** lessons all offer a multitude of touchpoints to develop 21st-century skills.



Unit Opener

5 DISCREPANT PHENOMENA

Each Unit begins with **"What Do You Think"** — a problem to solve or discrepant event to explain. This Unit-leading feature provides intrinsic motivation to spark curiosity and serves as the context for the learning and hands-on activities throughout the lessons. Students are motivated to think critically and construct explanations of how and why.

The program is built around active learning. At the Lesson level, an **Essential Question** starts students off. Rather than receive content passively, students are asked to solve problems or explain phenomena by stating **claims**, gathering **evidence**, and providing explanations through **reasoning**.

STUDENT INTERACTIVE DIGITAL CURRICULUM



HMH Florida Science leverages the advantages of technology while prioritizing a student-centered learning model. Students can view videos and animations, interact with simulations and text, and enjoy Video-Based Projects as they are active participants in the learning process. All of these features help you maintain an integrated approach to learning science. Teachers can assign the lessons and resources to students, or use them on an interactive board for whole-class or small-group instruction.

Deepen Understanding with Open-Ended Simulations

Unique **You Solve It!** simulations provide completely **open-ended** opportunities for students to demonstrate their ability to problem solve. The program encourages students to explore multiple answers to a problem and learn to develop explanations and defend their answers.

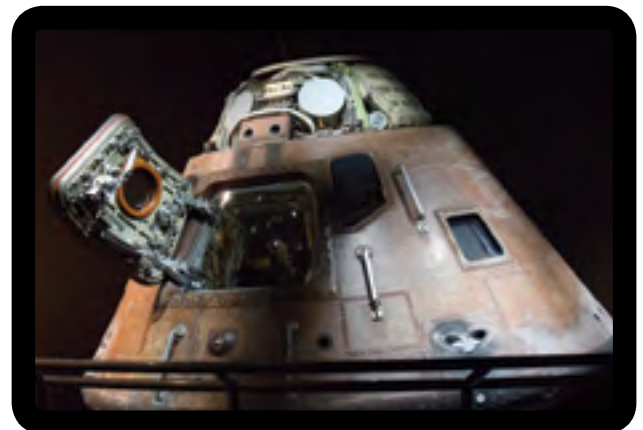


You Solve It!

Explore Immersive Virtual Worlds with Google Expeditions

HMH Field Trips for Google Expeditions use a simple Google Cardboard™ device and a smartphone to sweep students away to 3D, 360-degree experiences in fascinating locations, directly tied to science content!

- An **HMH Teacher Guide** provides ideas for incorporating the Expeditions into your lessons, as well as tips on how to guide and customize the experience.
- Experience these **HMH Virtual Field Trips** with your students: Big Cypress National Preserve, Florida Everglades, Saturn V Rocket at NASA, Orange Blossom Cannonball Train, Kennedy Space Center, and more!



HMH Field Trips

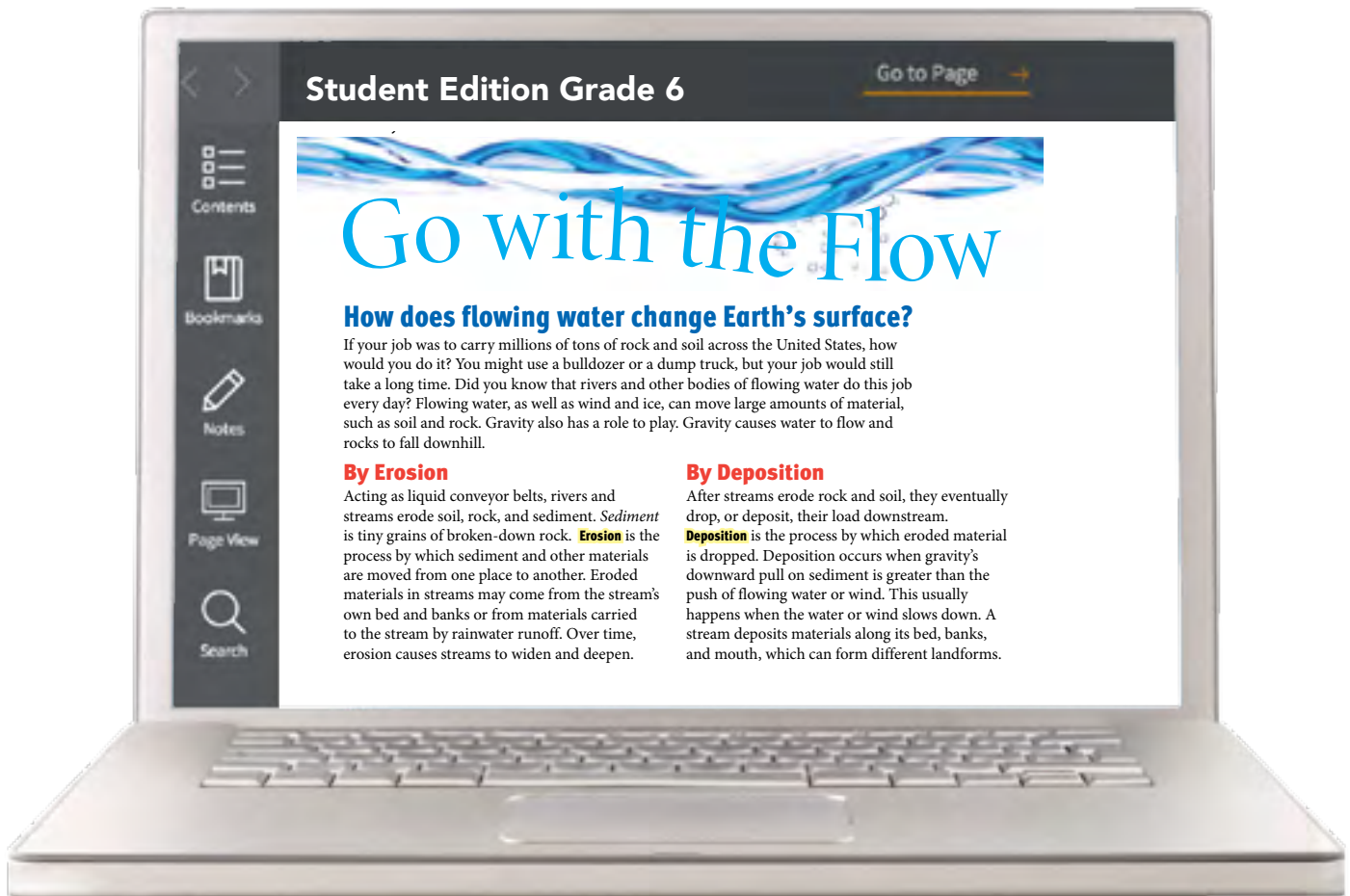
powered by



Google Expeditions



The **Online Student Edition** provides students with anytime access to the Student Edition. **HMH Florida Science** eBooks are based on the HTML standard so they can be accessed from any compatible platform or device. In addition, powerful personalization functions like note-taking, highlighting, bookmarking, and searching are supported and saved.

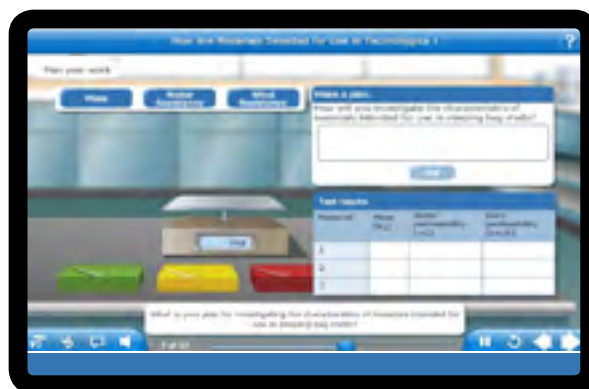


Digital Lessons provide an alternative online experience. These **highly engaging** and **colorful** lessons teach the same content, vocabulary, and inquiry skills, but in a completely different way. **HMH Florida Science** supports the ability for students to bookmark their location in a lesson and return to that same point at a later time. In addition, students' work is saved between sessions. The **Digital Lesson Tracker** shows how much time students spent on each screen, their number of attempts, and the answers they selected, so teachers can identify areas where students need to improve.



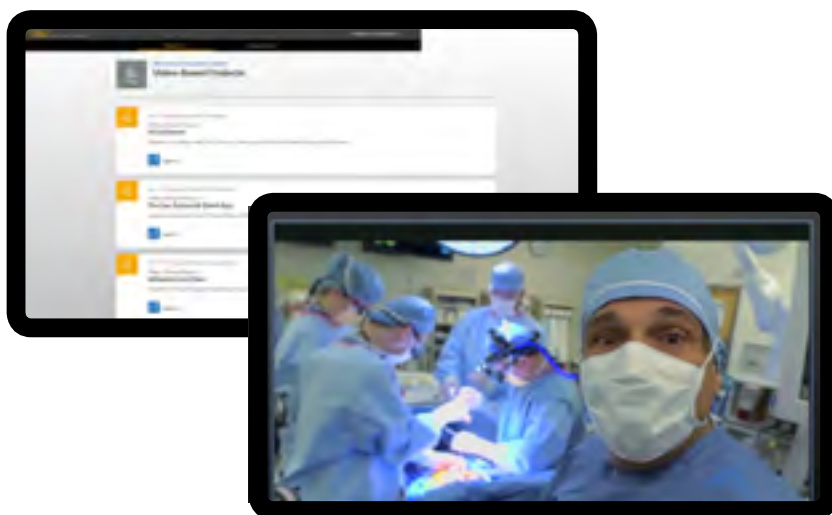
Digital Lesson

Virtual Labs review important concepts developed in the lessons and provide students with the opportunity to apply what they are learning in the digital lessons. Using simulated equipment, students are immersed in a scenario in which they collect data and draw conclusions following a rigorous scientific investigation process. Student progress can be tracked using the **Virtual Lab Data Sheets**, which can be saved and emailed or printed for assignment purposes.



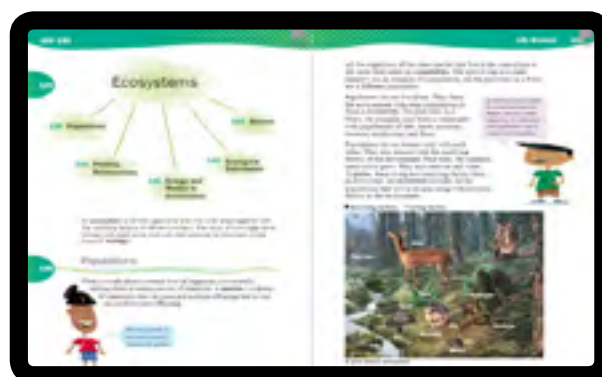
Virtual Lab

Video-Based Projects (Grades 3–8) are **captivating inquiry-based projects** introduced by one of our authors, Dr. Michael Heithaus or Michael DiSpezio. With the help of a video, teacher support pages, and student activity worksheets, students solve problems or tackle engineering challenges as they focus on **STEM**, **ecology**, and **biotechnology**.



Video-Based Project

Online access to **ScienceSaurus** is included with **HMH Florida Science**. This convenient handbook covers Life, Earth, Physical, and Environmental Science, as well as Engineering and Technology. Clear explanations with dynamic visuals can be used for **presentation**, **review**, or **reinforcement** of science concepts. In addition, powerful personalization functions like highlighting, bookmarking, and searching are supported and saved.



ScienceSaurus Online Edition



Interactive Glossary

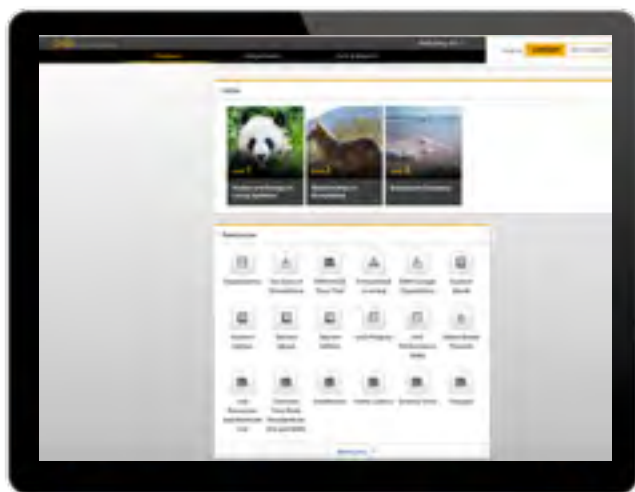
These components are also available online, as part of the students' Interactive Digital Curriculum:

- **Interactive Glossary:** Provides program vocabulary and definitions with either visuals or video and audio.
- **Multi-Language Glossary:** A glossary of key terms and definitions in English, Spanish, Chinese, Vietnamese, Khmer, Laotian, Arabic, Haitian Creole, Russian, and Portuguese.
- **Lab Datasheets:** Lesson labs for all lessons are available to students in PDF format.
- **Student Edition Audio:** A full audio reading of the textbook is provided.

TEACHER ONLINE MANAGEMENT CENTER

The **Teacher Online Management Center** is designed to make it easier for you to access all of the program resources—for teacher and student—to assist in planning, teaching, assessing, and tracking student progress.

The **Teacher Online Management Center** incorporates **full access** to the Student Interactive Digital Curriculum, including the Student Edition, Student Edition Audio, Digital Lessons, Virtual Labs and Data Sheets, and Video-Based Projects.



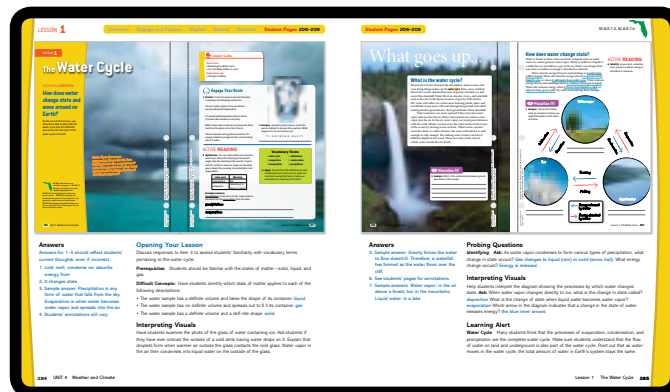
The Teacher Online Management Center makes it easy to:

- Preview program resources
- Download editable resources to customize them for your classroom
- Assign and schedule resources online, so they will appear in your students' inboxes
- Automatically score quizzes and tests taken online
- Automatically provide individual remediation plans based on test results
- Easily monitor and track student progress, and provide remediation for students who need it

These components are also available online, as part of the Teacher Online Management Center:

- **Google Expeditions Teacher Guide** offering ideas on ways to incorporate the virtual field trips into your lessons and guide the experience
- **Assessment Guide** PDF files including Cumulative Tests A, B, and C with Answer Keys, Unit Tests and Answer Keys, and Lesson Quizzes and Answer Keys; also available in Spanish
- **Inquiry Support** presenting additional tips and strategies to support activities
- **Lesson Differentiated Instruction** offering extra support for vocabulary and concepts worksheets
- **ScienceSaurus** in the Interactive Online Edition
- **Online Coding Practice** Scratch and Scratch Jr., students code and animate characters, create and play games
- **Home School Connection** parent support for learning science content
- **Florida Access Points** provides activities to support every Access Point.
- **Professional Development Videos** focusing on the Science and Engineering Practices

The **Interactive Online Teacher Edition** provides teachers with anytime access to their print TE. Teachers can easily navigate using the Table of Contents and Bookmarks. In addition, powerful personalization functions like note-taking, highlighting, bookmarking, and searching are supported and saved.



Screen	Number of Views	Time on Screen	Number of Attempts
1. Introduction	0	00 : 00	N/A
2. Green Matter	0	00 : 00	N/A
3. Physical versus chemical	0	00 : 00	N/A
4. Physical matter/energy	0	00 : 00	N/A
5. Chemical matter/energy	0	00 : 00	N/A
6.	0	00 : 00	N/A
7. Multiple examples	0	00 : 00	N/A
8. Summary	0	00 : 00	N/A
9. Summary	0	00 : 00	N/A

Digital Lesson Tracker

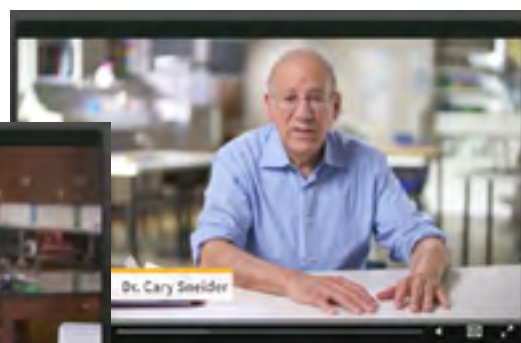
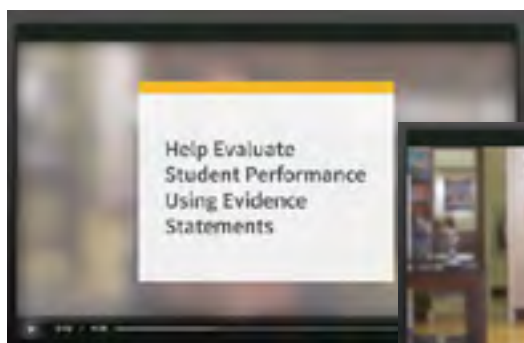
Contents	Resources	ExamView®
Video Based Project Student	Video Based Project Teacher Guide	Grade 7 Teacher
Resources	Multi Field Trip powered by Google®	Unit 1: Matter
Online Coding Practice	Online Assessment	Unit 1: Lesson 1: Quiz: Introduction to Matter
Assessment Guide	Interactive Glossary	Unit 1: Lesson 2: Quiz: Properties of Matter
Multi-Language Dictionary	ELA Connections	Unit 1: Lesson 3: Quiz: Physical and Chemical Changes
Math Connections	Teacher Resource Bank	Unit 1: Lesson 4: Quiz: Pure Substances and Mixtures
		Unit 1: Lesson 5: Quiz: States of Matter
		Unit 1: Lesson 6: Quiz: Changes of State
		Unit 1: Lesson 7: Quiz: The Atom
		Unit 1: Lesson 8: Quiz: The Periodic Table
		Unit 1: Lesson 9: Quiz: Chemical Reactions
		Unit 1: Lesson 10: Quiz: Matter and Interactions of Matter
		Unit 1: Lesson 11: Quiz: Matter and Interactions of Matter

ExamView

The Teacher View of Digital Lessons includes a **Digital Lesson Tracker with Answers** that shows answers to the digital lesson interactivities. **Digital Lesson Formative Assessment** provides additional teacher questions and answers that can be used for **individual** or **whole-class instruction** using the digital lesson.

ExamView® Test Banks contain extra editable assessment items. You can **customize** an assessment by adding or deleting items, revising difficulty levels, changing formats, revising sequence, and editing items. Students can take customized quizzes and tests directly online.

Professional Development Videos focusing on the Science and Engineering Practices



Grade-level Cumulative Assessments (Tests A, B, and C, plus the Answer Keys), **Unit Tests** (and Answer Keys), **Lesson Formative Assessment**, and **Lesson Quizzes** are available in both English and Spanish.

Assessments are assignable and editable with individual and whole-class reporting and **automated grading and remediation** tied to test questions. Many of these same assessments are available as PDF files or in the printed **Assessment Guide**.

Questions	Question Type	Points
Section 1 - Default section name		
Scientists always develop a plan when they try to learn something about our natural world. Which sequence correctly shows the steps scientists follow in their plan?		
A. make observations → develop an idea → obtain evidence → suggest an explanation		
B. obtain evidence → suggest an explanation → develop an idea → make observations		

Cumulative Assessments

STUDENT PRINT RESOURCES

INSPIRE
LITERACY!

HMH Florida Science print resources engage students in exciting, inquiry-based learning at every point of instruction. The effective, research-based program is **easy to implement, fun to teach, and enjoyable for students** to use. The program's innovative approach to print resources encourages students to become active participants in their own learning and encourages development of scientific and reading literacy. For teachers' ease of use, all of the program's student print resources are located online at point of use.



The **Interactive Student Edition Worktext** has a **magazine-style layout** that matches the way today's students learn best—by actively engaging with the content they're reading. Students can write their ideas, answer questions, make notes, complete drawings, and record their observations right on the page.

SCIENCE IN THE FLORIDA CLASSROOM: REIMAGINED AND REINVENTED BY THE EXPERTS!

Marjorie Frank has authored and designed a generation of instructional materials in all subject areas, including past HMH Science programs. In addition, she has served on the adjunct faculty of Hunter, Manhattan, and Brooklyn Colleges, teaching courses in science methods, literacy, and writing. For **HMH Florida Science**, she has guided the development of our approach to making connections between Science and ELA/literacy standards.

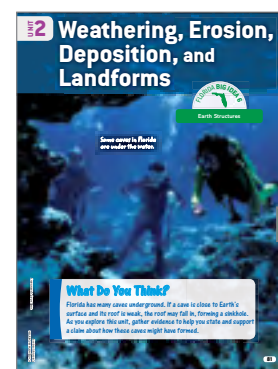
Notebooking

Many of the lessons in **HMH Florida Science** support the use of Evidence Notebooks. Helpful prompts have been inserted throughout the lessons to guide students on when to use these notebooks. Students will love creating their own study guides that can be taken into the next grade, and teachers will love the extra writing practice!



Claims, Evidence, Reasoning

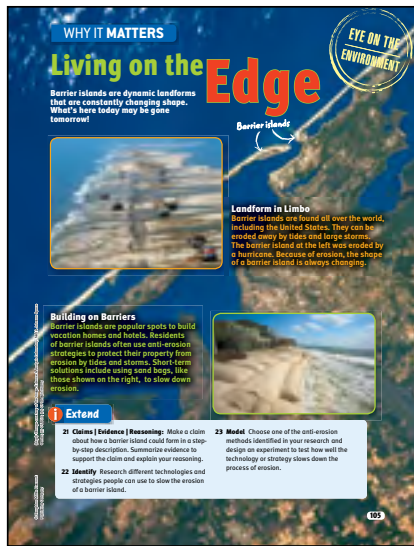
Throughout the lessons, **HMH Florida Science** encourages students to reflect on the evidence they gathered. They have another chance to respond to the discrepant phenomenon or central question of the lesson with open-ended response questions.



Each Unit is designed to:

- Focus on a **Big Idea** and supporting **Essential Questions**
- Incorporate graphic organizers where students summarize and organize their science ideas
- Promote active reading with features to teach students how to analyze and interact with content

The **Write-In Interactive Student Edition Worktext** promotes a student-centered approach for learning science concepts and vocabulary, building inquiry, STEM, and 21st-century skills, incorporating math and writing into each science lesson.

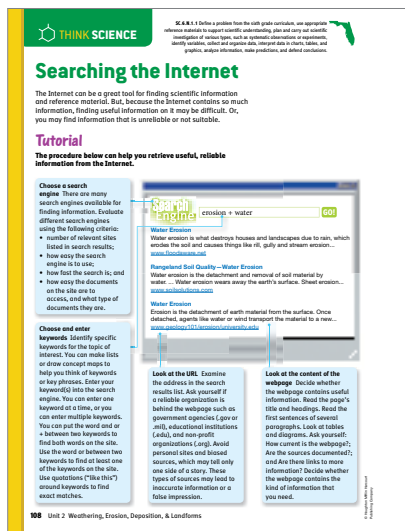
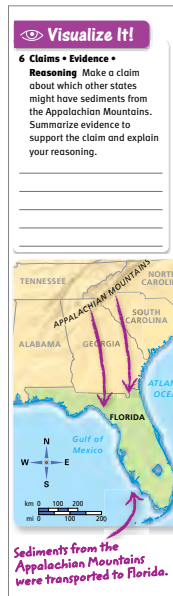


Student Edition, Why It Matters

Found in each Unit, **Math Connection** and **Do the Math!**® connects math and science with sample problems, with a chance for students to try their own calculations. **Visualize It!** makes abstract concepts more concrete.

WHY IT MATTERS

Additional features in the print Student Edition help students understand how science relates to the world around them. **Think Outside the Book** extends learning, asking students how they can apply unit concepts to their own lives. **Why It Matters** makes content relevant and offers additional opportunities for extension.



21st-Century Skills

HMH Florida Science features a STEM lesson that focuses on a scaffolded approach to building engineering and design skills and practice of those skills in every subsequent Unit.

These features show students the real-world applications of what they're learning and pique their interest in science-based careers.

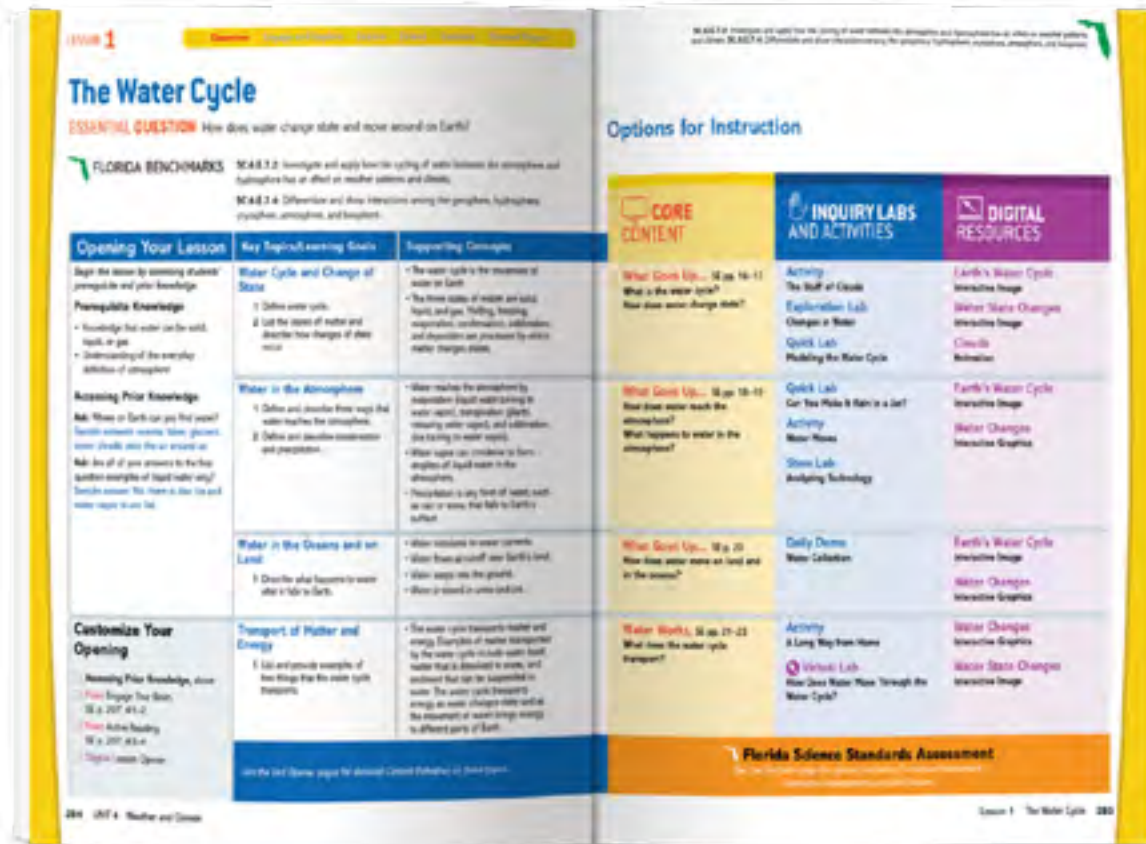
An important component of many **21st-century careers** is the meaningful understanding of the foundations of technology, engineering, and computer coding. A NEW spiraled curriculum on **Technology and Coding** has been added to address this need.

TEACHER PRINT RESOURCES

DESIGNED
FOR EASE
OF USE!

HMH Florida Science's Teacher Editions are designed with middle school teachers in mind. **HMH Florida Science** Teacher Edition is a single volume to make it easier for teachers to manage. To match all teaching styles, the comprehensive Teacher Edition gives you the flexibility to pick and choose the resources you need. For ease of use, the targeted resources are located at point of use in each Unit and Lesson.

The Teacher Edition includes all of the following features to enhance your instruction:



Teacher support for each lesson that follows the 5 Es model:

- **Engage** and **Explore** includes Activities, Discussions, and Demos
- **Explain** includes Science Notebooking, Differentiated Instruction options, Lesson Vocabulary, Concept Development, and Interpreting Visuals
- **Extend** and **Evaluate** includes Answer Strategies, Make Connections, Take It Home! activities, and assessment

Options for Instruction pages show print, labs, and digital options for each lesson to help teachers plan effectively.

- **Advance Planning** features outline activities and labs for each lesson.
- **Lesson-opening** information highlights required **Prerequisite Knowledge** along with **Accessing Prior Knowledge** strategies.

MTSS-RTI Multi-Tiered System of Supports – Response to Intervention		
Multi-Tiered System of Supports – Response to Intervention is a process for identifying and supporting students who are not making expected progress toward essential learning goals.		
The following components have the flexibility to be used to provide Core Classroom Instruction (Tier 1), strategic intervention (Tier 2), and intensive intervention (Tier 3).		
Component	Location	Strategies and Benefits
Student Edition, Active Reading prompts Sum It Up, Brain Check	Active Reading throughout each lesson, Sum It Up and Brain Check at the end of each lesson.	Student responses can be used as screening tools to assess whether intervention is needed.
Assessment Guide, Lesson Quizzes	AG 160-AG 163	Student responses can be used as screening tools to assess whether intervention is needed.
Teacher Edition, 9th Grade Answer Strategies	TE pp. 731-740	Suggestions for intervention, guidance, and remediation for each review question.
Limited Readers	TE p. 837/8	Content support for students not meeting the learning needs during core classroom instruction.
Limited Readers Teacher Guides	TE p. 837/8	Direct instruction with small groups of students needing additional content at various readability levels.

The Access Points, which are embedded in the Next Generation Sunshine State Standards for Science, are expectations written for students with significant cognitive disabilities to access the general education curriculum.

The Access Points reflect the core intent of the standards with reduced levels of complexity: participatory, supported, and independent. The **HMH Florida Science Florida Access Points Activities** component provides activities to support every Access Point.

Differentiated Instruction

Basic Water Changes State

Water Cycle and Change of State  Individuals 20 min

Concept Map As students complete the lesson, have them develop a Concept Map for the water cycle. Instruct students to write *Water* in the large oval. If students need help, tell them to surround the center oval with the states of water and use the labeled arrows to explain the relationships. Then have them add labeled arrows and more ovals if they wish to show how water changes state. As students encounter new information in the lesson, they can add more ovals and arrows to show how energy is involved and how the changes of state are connected to the water cycle.

Lesson Vocabulary

water cycle **evaporation** **transpiration**
sublimation **condensation** **precipitation**

Previewing Vocabulary

 whole class 15 min

Word Origins Discuss the meaning of the suffix *-ation*. Explain that it means "action" or "the action of." Then discuss the following words:

- **Condensation** comes from a Latin word meaning "become dense."
- **Evaporation** comes from a Latin word meaning "to disperse, or break up, in steam or vapor."
- **Precipitation** comes from a Latin word meaning "falling from a height."
- **Transpiration** comes from two Latin words, one meaning "breathe," and the other meaning "through."
- **Sublimation** comes from a Latin word meaning "lifting up."

Reinforcing Vocabulary

 individuals, then pairs 15 min

Four Square Have students complete a Four Square diagram for each term. They can fill in the boxes around the center with the term's definition, characteristics of the process, an example that illustrates the term, and a nonexample of the term.

definition

characteristics

example

nonexample

Advanced Biosphere

Synthesizing Key Topics  Individuals or pairs 15 min

Design Biosphere 2 was a totally enclosed environment that mimicked Earth's environment. Have individuals or pairs design their own biosphere that artificially reproduces the water cycle. Have them create sketches or charts to show how their water cycle would work and how it would mimic Earth's water cycle.

ELL Water Cycle Processes

Synthesizing Key Topics  Individuals 30 min

Four Corners To help students differentiate between the processes that make up the water cycle, play Four Corners. Label corners of the room as follows: evaporation, condensation, precipitation, other. Ask questions and provide examples and definitions for the parts of the water cycle. Have students move to the corner of the room that corresponds to the part of the cycle they think answers the question. If they think the answer is transpiration or sublimation, have them move to the other corner and provide an answer when prompted.

Customize Your Core Lesson

Core Instruction

☐ Core Content choices

☐ Digital choices

Vocabulary

☐ Previewing Vocabulary Word Origins

☐ Reinforcing Vocabulary Four Square

Your Resources

Differentiated Instruction

☐ Basic Water Changes State

☐ Advanced Biosphere

☐ ELL Water Cycle Processes

Lesson 1 The Water Cycle 291

Differentiated Instruction

Basic Water Changes State

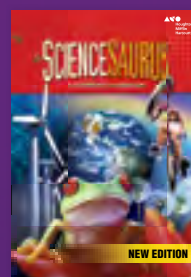
Water Cycle and Change of State  individuals 20 min

Concept Map As students complete the lesson, have them develop a Concept Map for the water cycle. Instruct students to write *Water* in the large oval. If students need help, tell them to surround the center oval with the states of water and use the labeled arrows to explain the relationships. Then have them add labeled arrows and more ovals if they wish to show how water changes state. As students encounter new information in the lesson, they can add more ovals and arrows to show how energy is involved and how the changes of state are connected to the water cycle.

Differentiated Instruction page to provide resources for meeting the needs of all students

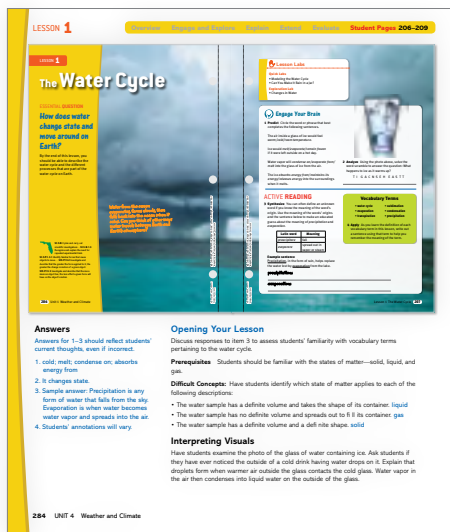
The Teacher Edition also includes:

- Program Scope and Sequence and Pacing Guide
- Professional Development articles
- Unit Planning, with Response to Intervention strategies
- Correlations to English Language Arts and Math standards and **ScienceSaurus**



ScienceSaurus

ScienceSaurus hardcover or softcover print handbooks are a delightful way to present, review, or reinforce science content. Essential scientific concepts and vocabulary are organized in an **encyclopedic format**. Clear explanations with dynamic visuals help students master key science ideas. Online access to **ScienceSaurus** is included with **HMH Florida Science**, and print copies are included with certain packages.



Lesson Level Support features include:

- Probing Questions to build inquiry skills and discussion features to extend learning
- Interpreting Visuals strategies
- Skill-building features like Building Reading Skills, Building Math Skills, and Building Graphing Skills
- Discussion features to extend learning
- Ongoing Formative Assessment strategies to check student comprehension

CITIZEN SCIENCE

Unit Project Exit Strategy

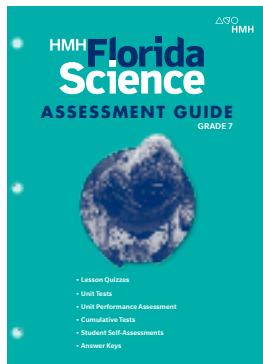
1. Think About It

- yes or no
- Students may need to know the route to the nearest exit; which exit is equipped for wheelchair use; whether there are monitors to follow; the location of a meeting point; how to reach a parent or guardian.

2. Ask a Question

- yes or no
- Answer should describe following labeled directions to a designated exit.
- Answer should be as often as drills are practiced.

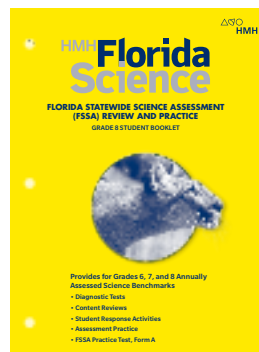
The **Citizen Science** feature provides support for **unit projects** while **Take It Home** supports this valuable school-home feature



HMH Florida Science formative and summative assessment options give you maximum flexibility in assessing what your students know and what they can do.

The **Assessment Guide** includes a comprehensive overview of your assessment options and includes:

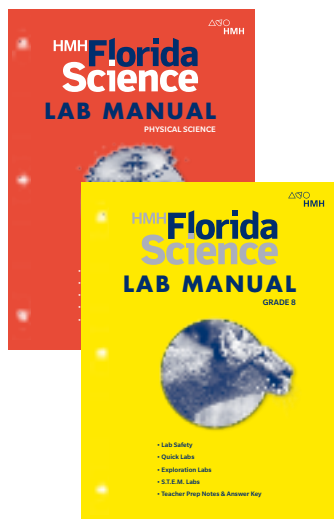
- Lesson Quizzes
- Unit Tests
- Unit Performance Assessment
- Cumulative Tests
- Student Self-Assessments
- Answer Keys



The Florida Statewide Science Assessment (FSSA) Review and Practice

provides content review for annual assessment standards at Grades 6, 7, and 8, with student response activities.

Grade 7 reviews standards from both Grades 6 and 7, while the Grade 8 **Florida Statewide Science Assessment Review and Practice Guide** reviews annually assessed benchmarks from Grades 6, 7, and 8 and diagnostic tests.



The **HMH Florida Science lab** program is designed to include activities that address a variety of student levels and inquiry levels—**directed, guided, and independent**. Each lesson is supported by two to three short activities and each Unit includes one to four additional labs that require one or more class periods to complete. Each student activity includes datasheets, Teacher Resources with safety notes, tips, modifications, and an answer key. There are **editable** versions of all labs online as well as suggestions for differentiating labs, such as turning a Directed Lab into an Independent Inquiry Lab.

Program Labs include:

- **Quick Labs:** Short activities at point of use to help concept development
- **Exploration Labs:** Traditional labs designed to be used with standard equipment and materials
- **Field Labs:** Designed to be partly or completely performed outside the classroom
- **STEM Labs:** Activities that focus on science, technology, engineering, and math skills

PROFESSIONAL LEARNING

OUR MISSION
IS TO ADVANCE
YOURS

Students aren't the only ones learning in the classroom. Our best-in-class **HMH Florida Science** curriculum is supported by professional learning, so that every teacher is ready to make sense of science. When you choose **HMH Florida Science**, teachers receive not only a comprehensive, research-based program, but also quality professional learning, all from one trusted source.

Our comprehensive Professional Learning modules are focused on helping you effectively prepare students to master the new science classroom and are delivered by master educators from the International Center for Leadership in Education (ICLE).



Extend your learning with the following modules:

- Creating an Effective Science Environment—learn how to establish an effective and safe classroom environment, plan effective lab experiments, and differentiate science instruction.
- Mastery of Science Information—understand the importance of questioning and learn how to utilize nonlinguistic representation.
- Problem Solving in Science—learn how to implement strategies and creative challenges, engage students in discrepant events, and leave with a ready-to-implement action plan.
- Science Literacy: Integrating the CC ELA—learn strategies for integrating reading, writing, language, speaking, and listening in science and technical subjects. Combine two of the modules above for a full day of professional learning.

Professional Learning for HMH Florida Science educators includes:

A Strong Start

The **Getting Started with HMH Florida Science Course** provides you with an overview of the program from both a teacher's and student's perspective.

Deepen Mastery

To accelerate your learning from the **Getting Started Course, Follow-Up Courses** focus on planning, monitoring student progress, supporting English learners, and assessment.

Coaching

Our **Team** and **Individual Coaching** will ensure you are confident and prepared to deliver instruction that addresses the needs of the changing science classroom. HMH Coaches work side by side with you, supporting student engagement, differentiated support, science literacy, literacy across the curriculum, 21st-century skills, and STEM applications.

Need More Help?

When implementing **HMH Florida Science**, you may have questions regarding instruction, pedagogy, and best practices. **AskHMH™** provides access to program experts who can support you.

hnhco.com/professionalservices

Getting
Started
is included
with
Purchase!





STUDENT COMPONENTS

Two parallel
and unique
curriculums in one
comprehensive
program!

Traditional Science programs repeat the same content across multiple formats, but with **HMH Florida Science** you get two full curriculums—digital and print lessons—each with unique content, providing multiple exposures to science concepts and skills in English and Spanish.

The interactive, multimodal learning model truly sets **HMH Florida Science** apart—it's easier to teach and reinforce concepts, to promote deeper understanding, and to reach all learners in their unique learning styles.

	PRINT	DIGITAL
Write-In Student Edition Interactive Worktext • Visual Literacy • Big Ideas & Essential Questions • Graphic Organizers • Magazine Format • STEM Lessons • Scaffolding • Labs	Y	Y
Student Interactive Digital Curriculum • Digital Lessons • Virtual Labs with Data Sheets • Video-Based Projects • Interactive Online Student Edition with Audio • You Solve It! Simulations • Performance-Based Assessment • Multi-language Glossary		Y
Florida Statewide Science Assessment (FSSA) Review and Practice Student Booklet (Grades 6–8)	Y	Y
ScienceSaurus	Y	Y
 Google Expeditions		Y

TEACHER COMPONENTS

	PRINT	DIGITAL
Teacher Edition • 5E Lesson Format • Build Inquiry and STEM Skills • Build Science Vocabulary • Professional Development • Claims.Evidence.Reasoning • Science Notebooking • Misconception Alerts	Y	Y
Assessment Guide • Unit Pre-Tests • Lesson Quizzes • Alternative Assessments • Performance-Based Assessments	Y	Y
Lab Manual • Quick Labs • Exploration Labs • STEM	Y	Y
Teacher Online Management Center • Interactive Online Teacher Edition • Full access to Student Interactive Digital Curriculum • Professional Development Resources • Teacher View of Digital Lessons and Digital Lesson Tracker with Answers • Florida Access Points • Online Coding Practice • Video-Based Projects Teacher Guides • Performance-Based Assessments		Y
Florida Statewide Science Assessment (FSSA) Review and Practice Teacher Guide (Grades 6–8)	Y	Y
 Google Expeditions		Y

HMH **Florida** Science

A NEW SOLUTION
FOR 6–8 SCIENCE

REIMAGINED / REINVENTED

For additional information and access
to the online resources please contact
your local Account Executive.

hmhco.force.com/relocator

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