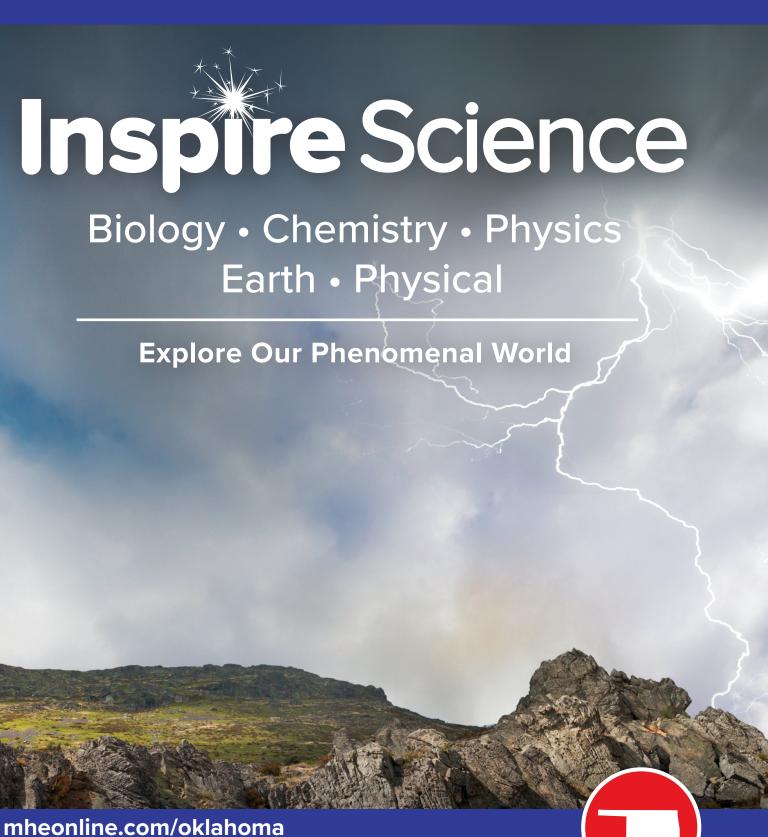
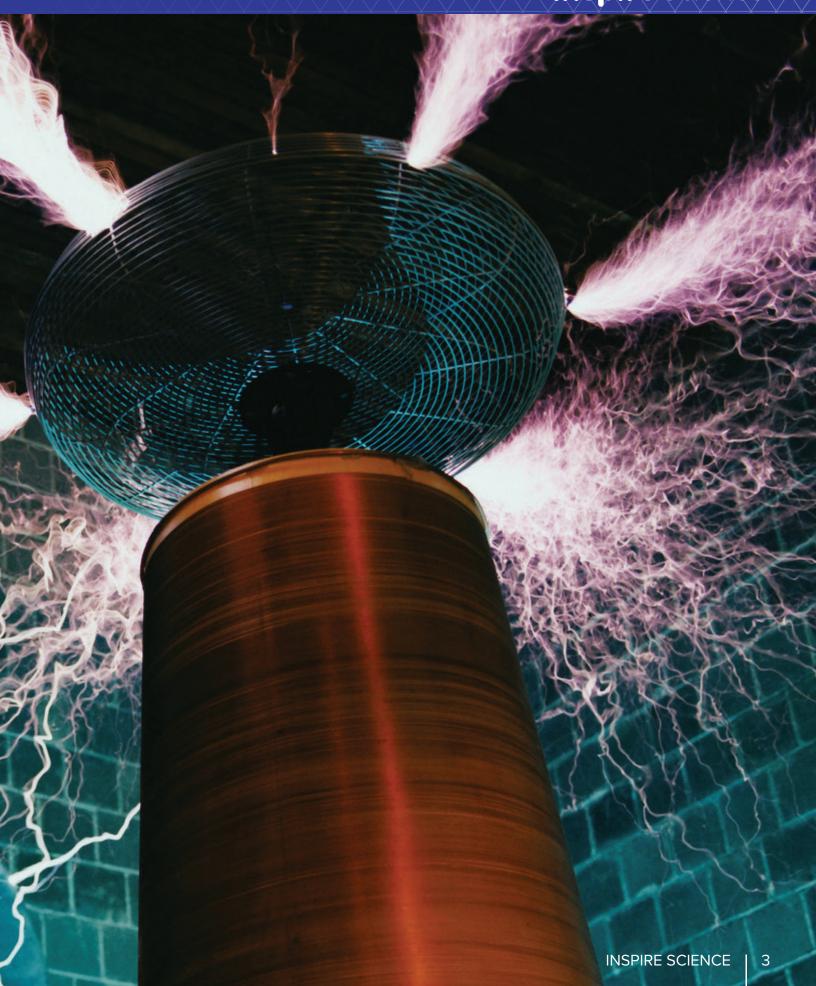




**High School Series** 



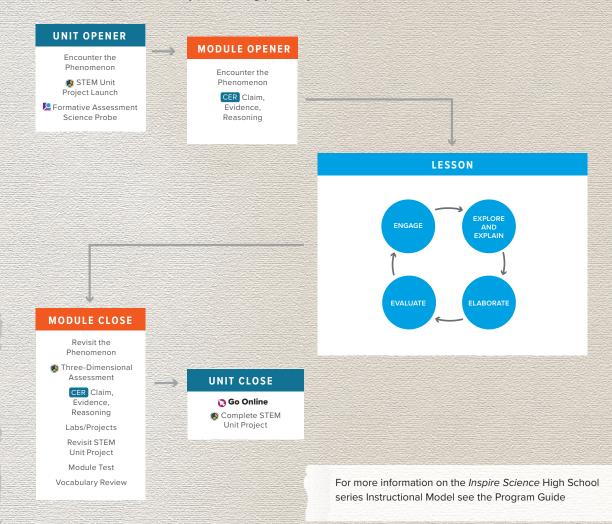






#### Instructional Model

Each *Inspire Science High School* series's unit phenomenon sets the stage for the STEM Unit Project. Each module within the unit supports the STEM Unit Project with phenomena-driven 5E lessons to support a variety of learning pathways.



#### Professional Learning When You Need It

The *Inspire Science High School* series includes an expansive library of relevant, self-paced, professional learning courses to support implementation, instructional progression and mastery — all available 24/7.



Dr. Rhett Allain



Page Keeley, M.Ed.



#### **Phenomena-Driven Learning**

The Inspire Science High School series places natural phenomena at center stage within each module and lesson. By introducing an anchoring phenomenon in each module, supported by lesson-level investigative phenomena, students dig deep into key science and engineering concepts.

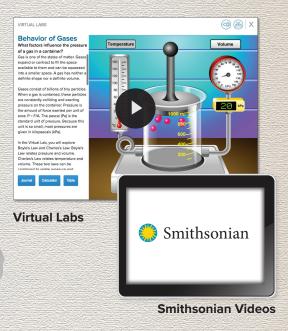
#### **ENCOUNTER**

THE PHENOMENON



#### **Designed for the Digital Generation**

The *Inspire Science High School* series is infused with highly engaging interactive experiences designed for today's digitallynative students. Interactive simulations, 360 videos, 3D models, learning-based games, and immersive science content videos will keep students' attention and inspire them to explore and discover.



#### **Inquiry-Based Approach**

Inquiry-driven learning helps students understand how to ask deeper questions and think critically as they answer science questions and design creative solutions to real-world problems. With the *Inspire Science High School* series, students learn how to become great investigators through a variety of inquiry activities that connect to the Science and Engineering Practices.





#### **Online Resource Planner**

The Inspire Science High School series
Online Resource Planners make preparing
easier than ever — listing out all Module
Resources and Suggested Pacing to clearly
identify what resources is available in each
module and lesson.

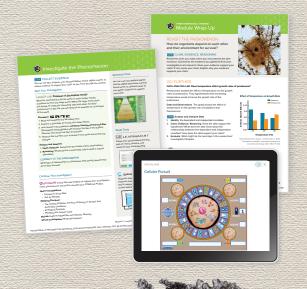
#### Online Resources Planner

60 ONLINE to curate your presentations, interactive content, additional resources, and media library, and find answer keys, materials lists, rubrics, differentiated instruction, and more.

Module Resources	Module Launch				
		- 1	2	3	
INSTRUCTIONAL RESOURCES					
Student Edition	•	•	•	•	•
Teacher Edition	•				
Teacher Presentation (PowerPoint)	•	•			
Science Notebook	•	•			
Reading Essentials	•	•			
LearnSmart		•			
Math Handbook	•				
Science & Engineering Practices Handbook	•	•			
LABS, INVESTIGATIONS, AND PROJECTS					
B Launch Lab	•				
Quick Investigation			•	•	
B Labs		•			
PBL/Applying Practices			•		
ASSESSMENT					
Module Pre-Test	•				
Lesson Check		•			
Module Vocabulary Practice					•
Module Test					•
MEDIA & OER					
Virtual Investigation		•			
Personal Tutor				•	
PhET Simulation					
Beyond the Classroom: Google Expedition				•	
SpongeLab	•	•			

#### **Engaging Inquiry Activities**

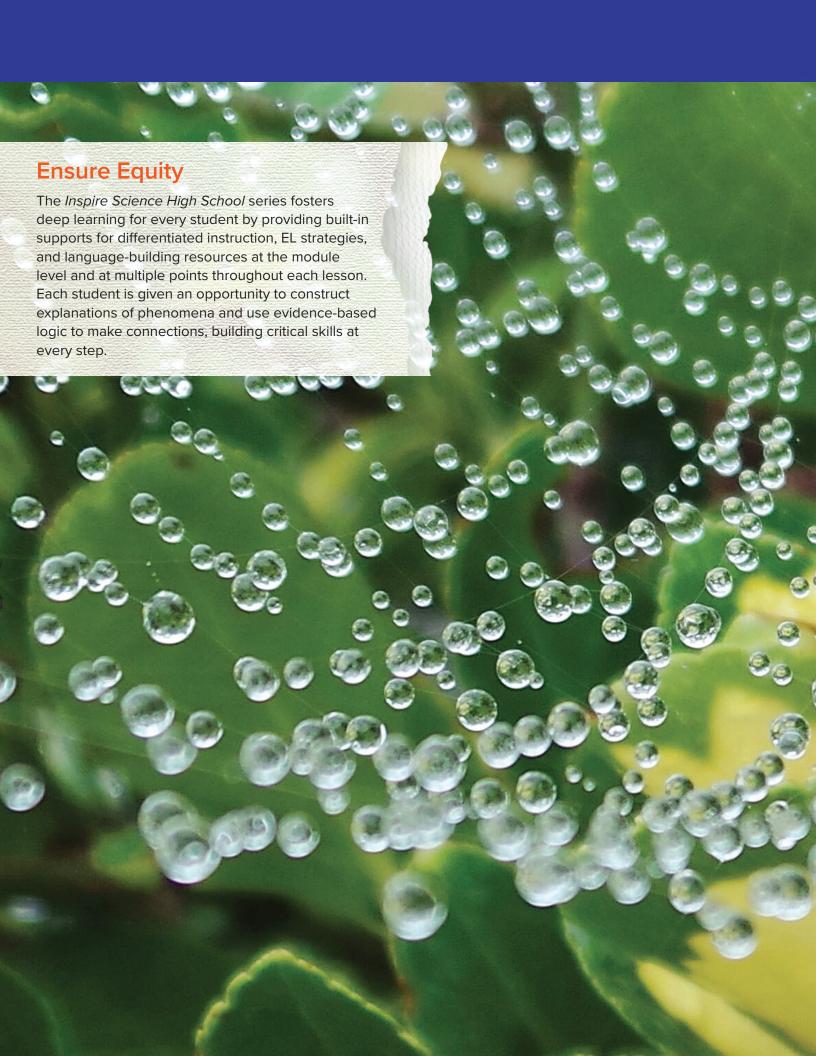
Every lesson in the *Inspire Science High School* series offers multiple inquiry-based activities, along with techniques that scientists and engineers use in the real world. These inquiry activities include differentiation strategies (through the Inquiry Spectrum), and various pacing options ranging from simple investigations to complex lab explorations.



#### **Beyond the Classroom**

The Inspire Science High School series provides an engaging experience Beyond the Classroom. Beyond the Classroom provides an hands-on approach to learning with before, during, and after expedition activities.







#### LEARNSMART

LearnSmart® with SmartBook® transforms the way students read. A proven, adaptive learning program, LearnSmart individualizes learning to help students study more efficiently and retain more knowledge.



#### **CER Framework**

The Claim, Evidence, Reasoning (CER) framework in the *Inspire Science High School* series — which becomes increasingly sophisticated from K–12 — ensures every student is engaged in rigorous scientific inquiry and argument from evidence.

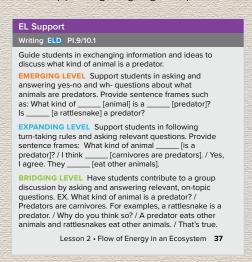


CER MAKE YOUR CLAIM

Humans are not the only organisms that depend on others for their needs. All living things are interdependent. Their relationships are important to their survival.

#### **English Language Support**

Rooted in learning sciences research, the *Inspire Science High School* series applies the best instructional practices for teaching EL students in alignment with the ELD standards. Each module and lesson has scaffolded activities that offer students of any level of English language proficiency the opportunity to engage in academically challenging science and engineering content while supporting language acquisition.



#### **Next Generation Assessments**

Ensuring students are well prepared for the standardized can seem daunting, but with the *Inspire Science High School* series next generation assessment tools, in partnership with Measured Progress (STEM Gauge), you'll know what to expect and how to prepare your students for success with mastery of the Performance Expectations.

#### Online Assessment Center







#### **Print Resources**

The *Inspire Science High School* series combines online and print resources to support student inquiry into real-world phenomena.

#### **TEACHER'S AND STUDENT EDITION**

\*Student Editions available in Spanish, online or in print through CREATE™





#### **Digital Resources**

In addition to the digital versions of each print book, the *Inspire Science High School* series provides a digital experience designed with advantages for both you and your students, including innovative interactives, videos, simulations, virtual labs, personal tutors, and more.



### SYNC **\*\*** BLASTS™

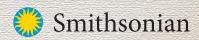
\*Available for Additional Purchase.

SyncBlasts™ provides reading and writing assignments that present science and current event topics relevant to students' lives and their world. Providing a variety of rich multimedia—including Preview Videos, links to Case Studies, Explainer Videos, and The Point News Show—SyncBlasts are a smart way to engage students.

See the Digital Experience section of the Program Guide to learn more about these engaging interactives.

#### **Open Educational Resources**

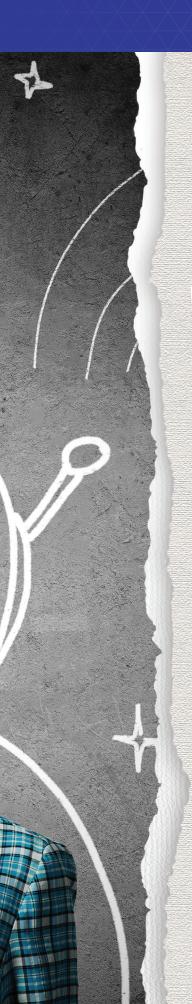
The *Inspire Science High School* series offers the opportunity to curate your own content. With our partners such as The Smithsonian, SpongeLab, and PhET you are able to find the resources you need when you need them.











#### **Innovative Solutions for Global Warming**

New solutions to reduce carbon emissions and clean up the carbon from our atmosphere?

Practical fuel cell transportation to power cars from water, emitting only steam?

An influential role in global carbon emissions management?

### Innovations in Health Care and Disease Management

Advances in cellular immunotherapy treatments to leverage our own immune systems to stop cancer and diseases in their tracks?

Advances in using robotics for healing and repairing the human body?

New ideas for identifying and stopping diseases before they happen?





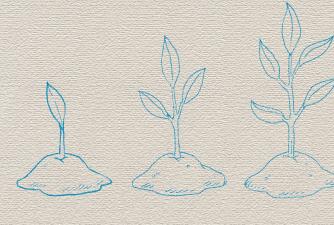


#### **Innovations for Natural Resources**

Practical ways to harness energy from the ocean waves?

Creative solutions to food creation and distribution to address world hunger?







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