Start Your Review Here

Inspire Physics

Explore Our Phenomenal World

Welcome to the *Inspire Science* High School Sampling Experience

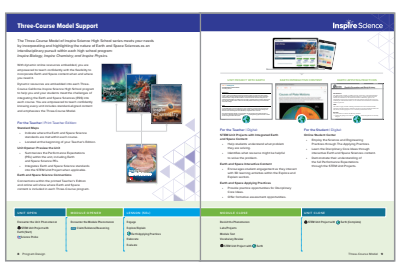
Follow these four simple steps to explore the **print** and **digital resources** designed to inspire you and your future innovators.

CHECK IT OFF
Make sure to see these inspiring features throughout your review!

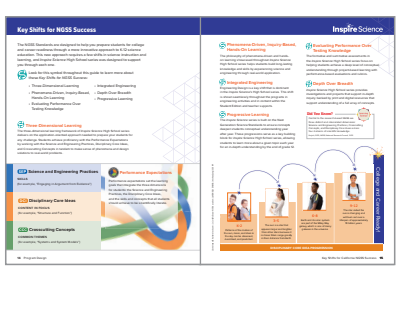
1 Explore the Program Guide

Get to know the *Inspire Science* High School series program philosophy and resources using the **Program Guide**.

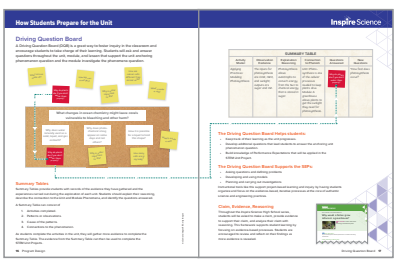
- ☐ **Resources At-A-Glance**
  Pages 4–5 give you a big-picture view of the print and digital resources that come with the *Inspire Science* High School series.
- ☐ **Scope and Sequence**
  Turn to **page 6–7** and **9–10** to see what you'll be teaching in each unit, module, and lesson.
- ☐ **Three-Course Model Support**
  Pages 8–9 show how the *Inspire Science* High School series meets your three-course needs by incorporating and highlighting the nature of Earth and Space Sciences within each high school program.



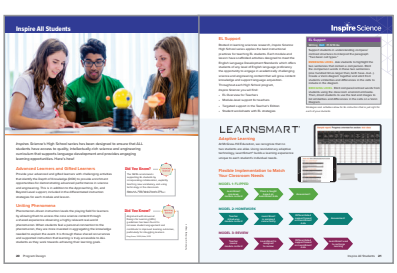
- ☐ **The Unit, Module, and Lesson Design**
  On **pages 12–13**, see an overview of the unit, module, and lesson design, and turn to **page 35** for a walkthrough of one sample module.
- ☐ **Key Shifts for NGSS Success**
  Turn to **page 14–15** of the Program Guide to learn about how the *Inspire Science* High School series will help you smoothly transition to Next Generation Science Standards (NGSS).



- ☐ **Driving Question Board and Summary Table**
  Turn to **pages 16–17** to learn about how students can utilize the Driving Question Board and Summary Table to ensure success and take charge of their learning.



- ☐ **Inspire ALL Students**
  Pages 20–21 show how each course is designed to ensure that all students have access to quality, intellectually-rich science and engineering curriculum that supports language development and provides engaging learning opportunities.



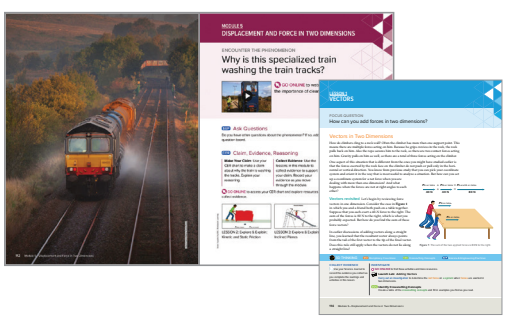
- ☐ **Phenomena-Driven, Inquiry-Based, Hands-On Learning**
  Pages 22–23 show how each *Inspire Science* High School series unit and module are driven by real-world phenomena, investigated through an inquiry-based, hands-on approach.
- ☐ **Next Generation Assessment Strategies**
  Turn to **pages 26–27** to learn about the wide range of formative and summative assessment tools to help guide students to mastery of the performance expectations.

2 Explore the Student Edition

Get to know the *Inspire Physics* student experience by reviewing the **Student Edition**.

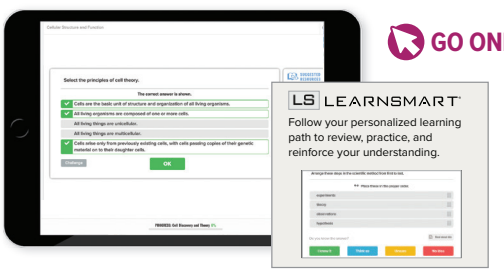
- ☐ **Unit Opener**
  In your Student Edition, each unit begins with a Unit Opener to engage students, with a phenomenon-driven approach, and encourage collaborative thinking. Take a look at **pages 110–111**.

- ☐ **Module and Lesson Opener**
  Each Module Opener introduces an anchoring phenomenon that you will explore throughout the module and will help uncover your students' initial ideas. Each Lesson Opener creates a foundation for them to see how their thinking evolves as they progress through each module and lesson. Take a look at **pages 112–113 and 114**.



- ☐ **STEM Unit Projects**
  At the beginning of each unit, your students will see the opportunity to start the STEM Unit Project. Each project guides your students to go online and use the Science Probe, Project Planner, and Project Rubric to complete their projects. Take a look at **page 111**.
- ☐ **Encounter the Phenomenon**
  At the beginning of each module, students are encouraged to **Encounter the Phenomenon** through the Claim, Evidence, and Reasoning (CER) Framework, along with a Launch Lab to further investigate and deepen understanding. Take a look at **pages 110 and 112**.

- ☐ LEARNSMART®
  At the end of each lesson, students are guided to go online and follow a personalized learning path to review, practice, and reinforce their understanding by utilizing *LearnSmart®*.

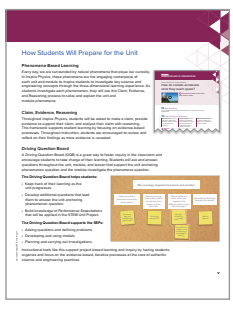


3 Explore the Teacher's Edition

Get to know the *Inspire Physics* teacher experience by reviewing the **Teacher's Edition**.

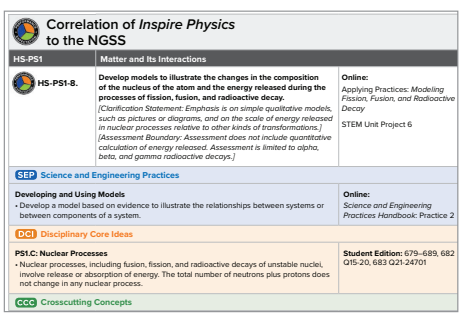
☐ **Discussion Board**

A Driving Question Board (DQB) is a great way to foster inquiry in the classroom and encourage students to take charge of their learning. Students will ask and answer questions throughout the unit, module, and lesson that support the unit anchoring phenomenon question and the module investigate phenomena question.
Take a look at **page v**.



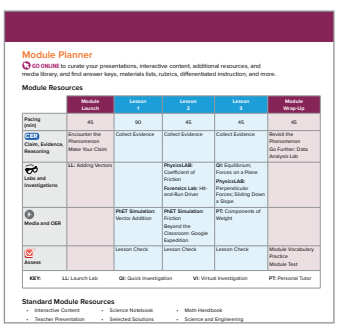
☐ **Correlations**

Notice that each Teacher's Edition provides clear correlations to the NGSS. Take a look at **page xvi**.



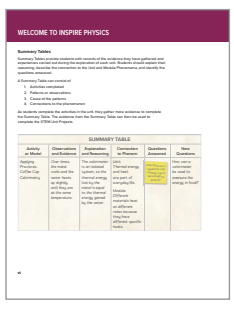
☐ **Module Planner**

To make planning easy for you, each module begins with a module planning page. Covering standards alignment, cross-curricular connections, **Disciplinary Core Ideas (DCI)** progressions, hands-on activity support, and more. Take a look at **page 112B**.



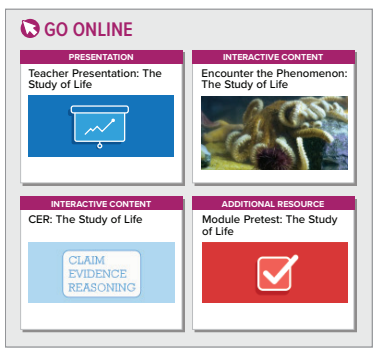
☐ **Summary Tables**

Summary Tables provide students with records of the evidence they have gathered and experiences carried out during the exploration of each unit. Students should explain their reasoning, describe the connection to the Unit and Module Phenomena, and identify the questions answered.
Take a look at **page vi**.



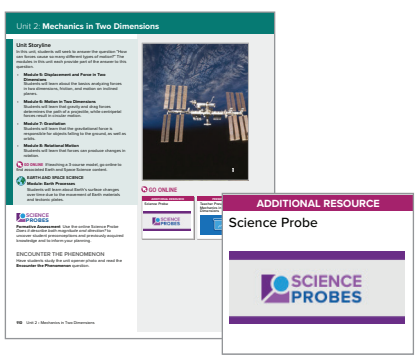
☐ **Digital Resource Tiles**

Digital wayfinding is found under each reduced Student Edition image.



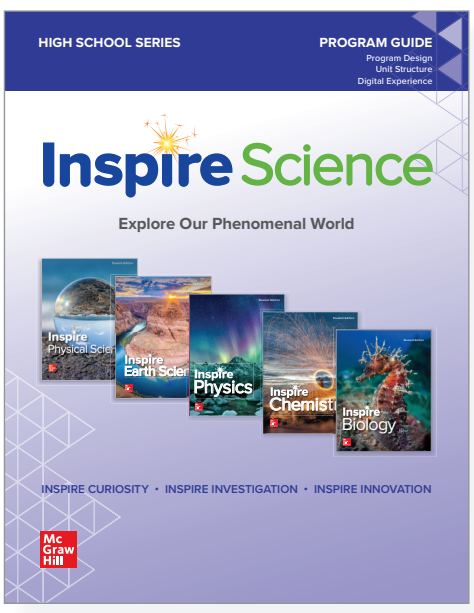
☐ **Formative Assessment Support**

Notice that each Science Probe includes teacher support with suggestions for the most productive discussion strategy to use. Take a look at **page 110**.



4 Explore the Digital Experience

Get to know the *Inspire Science* High School series digital experience! Your **Program Guide**, starting on **Page 54**, shows the types of interactive resources that come with the *Inspire Science* High School series, and how they enhance the teaching and learning experience. This section also provides navigation support.



If you need a user name and password, you can request them directly from the login page at **inspire-science.com** Just select "Register."

Inspire Science provides an innovative, in-depth, and project-based learning experience designed to spark students' interest.

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