Mc Graw Hill

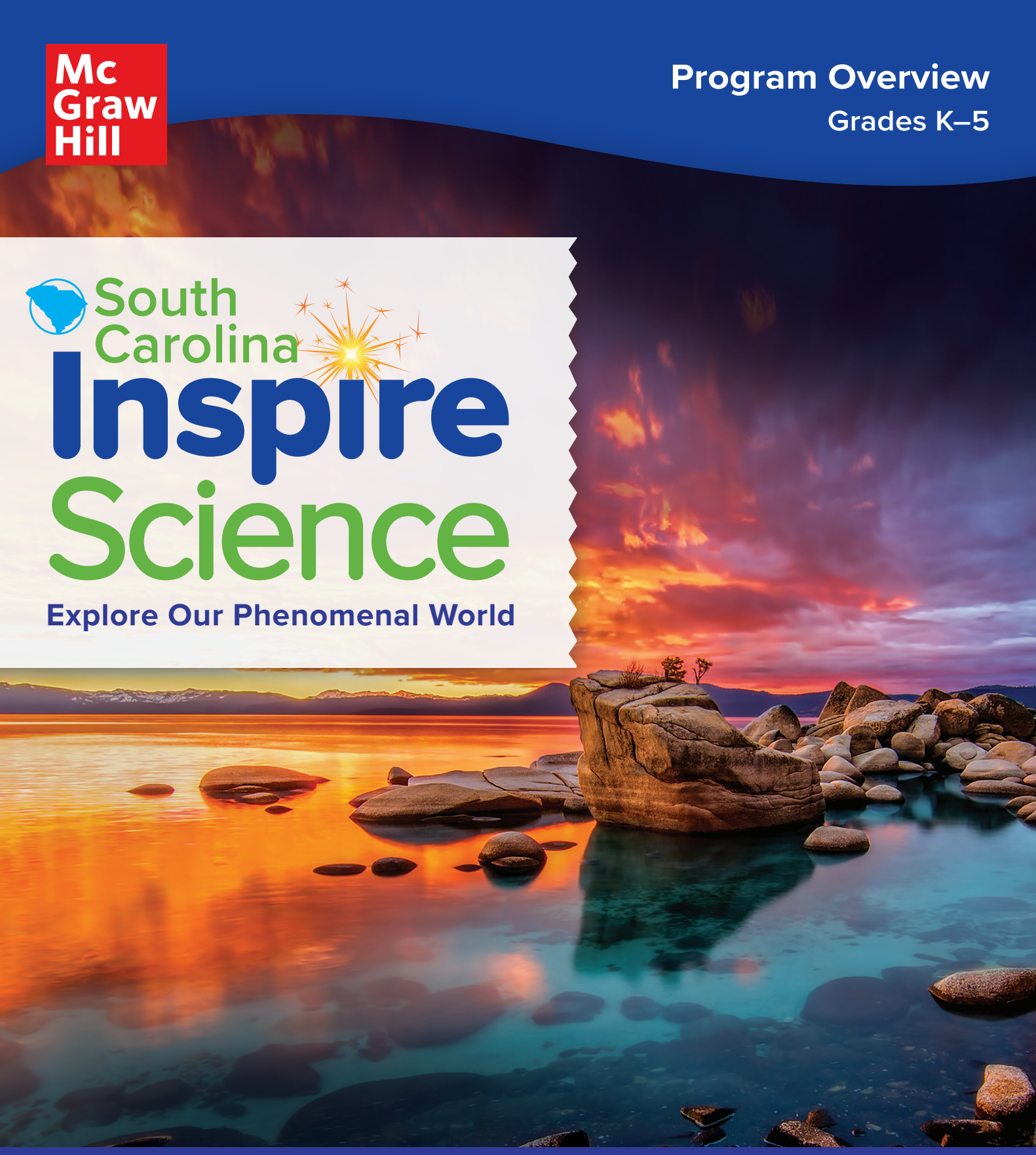
Program Overview

Grades K–5

South Carolina

Inspire Science

Explore Our Phenomenal World



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Inspiring the Next Generation of Innovators

While career opportunities in Science, Technology, Engineering, and Math (STEM) increase each year, qualified candidates for these careers continue to fall short. This is known as the STEM Gap. This gap represents a great opportunity for the students in your classrooms today, to become the innovators of the future.

South Carolina 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.

- By fostering student's innate **curiosity,** you elevate their critical thinking.
- By facilitating hands-on **investigation,** you deepen their understanding.
- By encouraging creative problem-solving, you inspire their **innovation.**

A new generation of innovators is growing up right now. Are you ready to inspire?

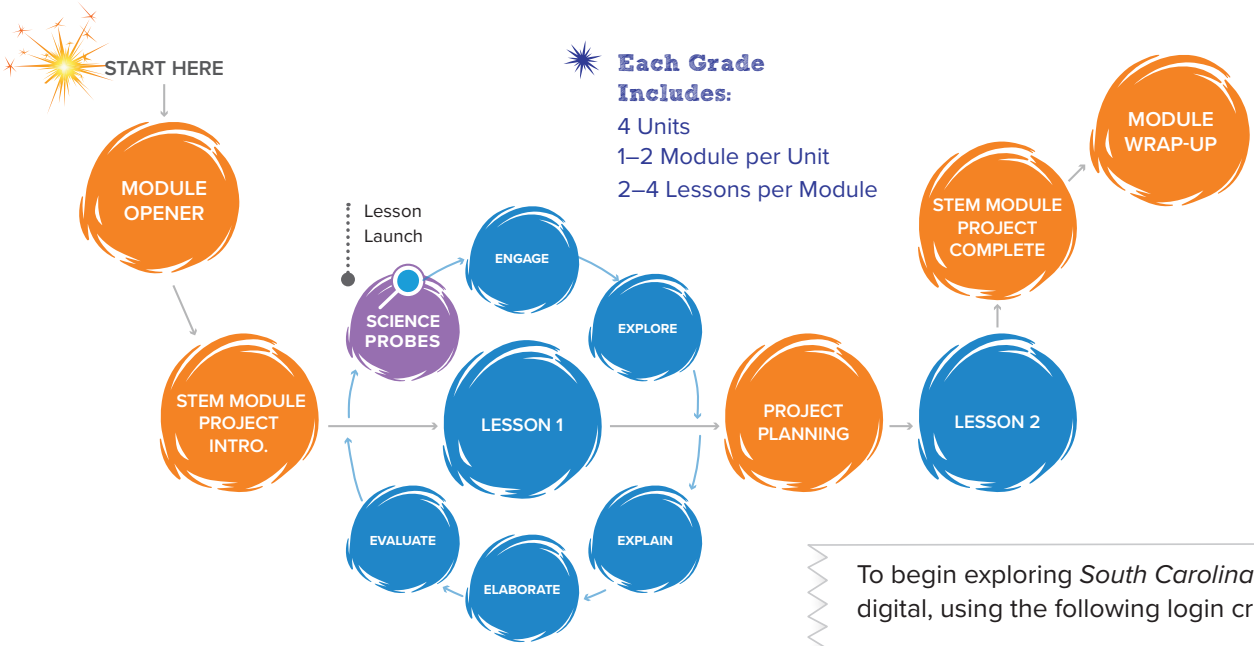
Meeting South Carolina College- and Career-Ready Science Standards

South Carolina College- and Career-Ready Science Standards and Next Generation Science Standards (NGSS) are new philosophies for K–12 Science education focused on helping you prepare students for career and college readiness.

That's why the *South Carolina Inspire Science* team has studied the new science standards, while testing ideas with teachers like you to create a user-friendly experience for both teachers and students.

User-Friendly Instructional Model

South Carolina Inspire Science provides the proven and research-driven 5E instructional model enhanced to align with the demands of three-dimensional, phenomena-driven learning.



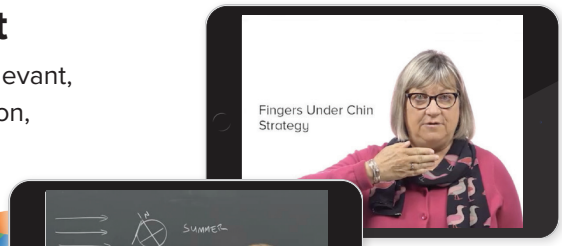
To begin exploring *South Carolina Inspire Science* digital, using the following login credentials.

Go to **my.mheducation.com**

Username: **SCscienceK8**
Password: **SCscienceK8**

Professional Learning When You Need It

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



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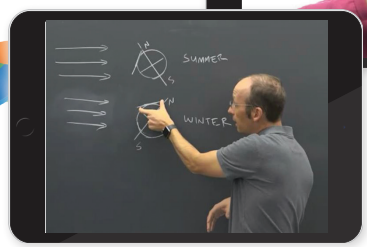


Dr. Rhett Allain

Encounter the Phenomenon

South Carolina Inspire Science places student engagement at the forefront. Each module and lesson is designed to tap into students' natural curiosity about the world around them through the investigation of real-world phenomena. Student engagement is further fueled through the connections to real-world applications with the STEM Career Connections and STEM Module Projects.

Phenomena-Driven Learning

South Carolina Inspire Science 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.

Designed for the Digital Generation

South Carolina Inspire Science is infused with highly engaging interactive experiences designed for today's digitally-native 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.

Phenomenon Videos

Learning-Based Games

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 *South Carolina Inspire Science*, students learn how to become great investigators through a variety of inquiry activities that connect to the Science and Engineering Practices.

Simulations

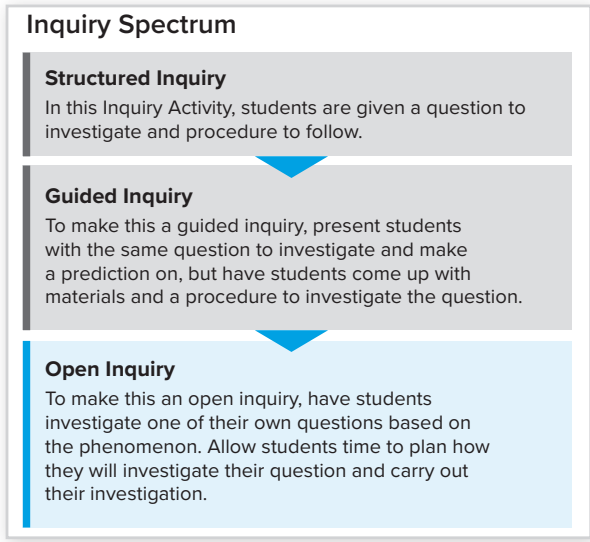
Hands On

Supporting Hands-On Learning

South Carolina College- and Career-Ready Science Standards require a marked increase in inquiry-based learning, resulting in more hands-on activities. This shift makes for a more exciting classroom experience, but it also comes with new logistical challenges that can be difficult to manage. With *South Carolina Inspire Science*, we've provided a number of support structures to help make this shift more manageable and more fun for you and your students.

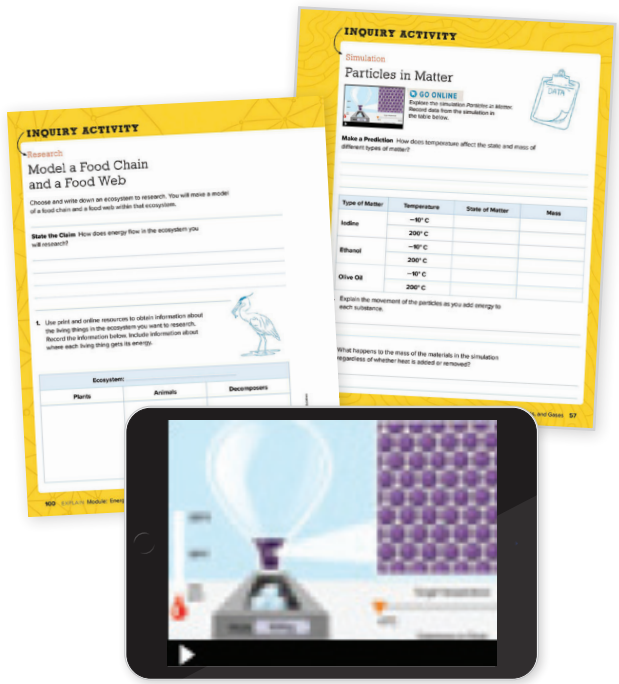
The Inquiry Spectrum

The *South Carolina Inspire Science* Inquiry Spectrum provides flexible options to adjust the inquiry level to align with the learning needs of each student.



Engaging Inquiry Activities with Options

Every lesson in *South Carolina Inspire Science* 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.

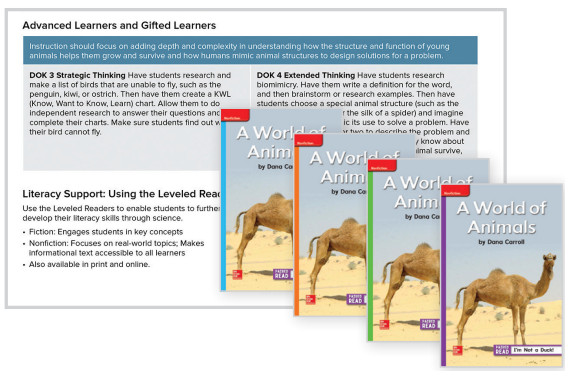


Ensure Equity

South Carolina Inspire Science fosters deep learning for every student by providing built-in supports for differentiated instruction, English Language (EL) strategies, and language-building resources at the module level and at multiple points throughout each lesson. Each student is given an opportunity to construct explanations of phenomena and use evidence-based logic to make connections, building critical skills at every step.

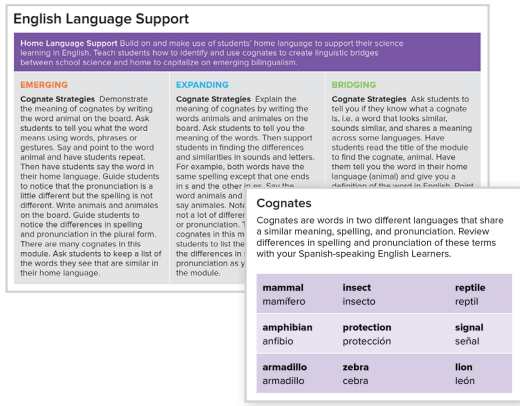
Differentiated Instruction

Robust differentiation support is found within the Teacher's Edition, as well as through leveled informational text resources such as the leveled readers and INVESTIGATOR articles. Support with practical strategies is found at the module and lesson level at multiple points. Leveled text allow students access to the same content for a classroom of students' with varied reading abilities.



English Language Support

Rooted in learning sciences research, *South Carolina Inspire Science* applies the best instructional practices for teaching EL students. 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.

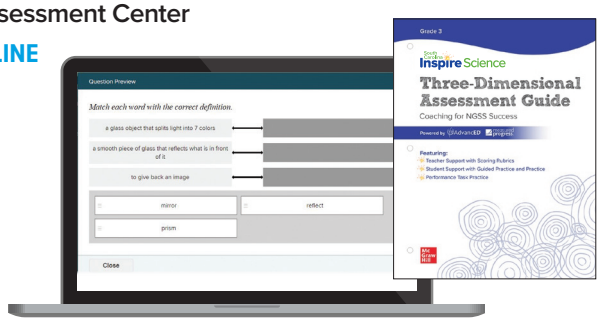


Assessment Strategies

Ensuring students are well prepared for the state-wide tests can seem daunting, but with *South Carolina Inspire Science's* next generation assessment tools, in partnership with Measured Progress (STEM Gauge) and the *South Carolina Inspire Science* Three-Dimensional Guide, you'll know what to expect and how to prepare your students for success with mastery of the Performance Expectations.

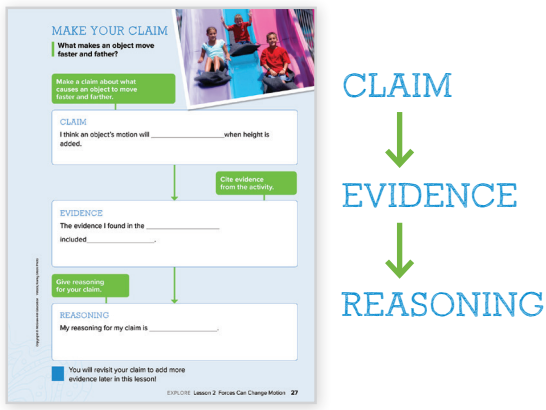
Online Assessment Center

GO ONLINE



CER Framework

The Claim, Evidence, Reasoning (CER) framework in *South Carolina Inspire Science* ensures every student is engaged in rigorous scientific inquiry and argument from evidence.



Designed to Fit Any Classroom

At McGraw Hill, we understand that different classrooms have different needs for tactile and digital resources. We know those needs can change day to day. *South Carolina Inspire Science* is designed to fit all of your resource needs through a wide array of print, digital, and hands-on materials so you have access to all of the great learning resources in any form you'd like, whenever you need them.

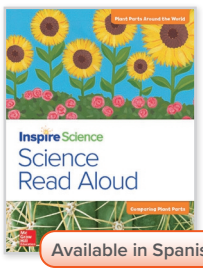
Print Resources

Every *South Carolina Inspire Science* print book includes a digital companion to compliment the digital interactive resources such as simulations, 3D models, videos, and learning-based games.

TEACHER'S AND STUDENT EDITION
(Grades K–5, Four Units Per Grade)

Available in Spanish

SCIENCE READ ALOUDS
(Grades K-1)



Available in Spanish

INVESTIGATOR ARTICLES
(Grades 2-5)

Available in Spanish

LEVELED READERS
(Grades K-5)

Available in Spanish

Digital Resources

In addition to the digital versions of each print book, *South Carolina Inspire Science* provides a digital experience, in both English and Spanish, designed with advantages for both you and your students, including innovative interactives, videos, simulations, learning-based games, personal tutors, and more.

South Carolina Inspire Science

Jane Dennerlein
South Carolina K–12 Sr. Sales Representative
704-658-5567 | jane.dennerlein@mheducation.com

Dennie Williams
South Carolina K–12 Sr. Sales Representative
803-807-0236 | dennie.williams@mheducation.com

Learn more at **mheonline.com/southcarolina**

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