





Choose Your Course Explore the Teacher Center Home Page Launch Lesson Presentations Lesson Anatomy

Access Lesson Plans Access Resource Library Professional Development

Welcome to the *Georgia Inspire*Science Digital Experience

Thank you for taking the time to review Georgia Inspire Science. This step-by-step Digital Tour Guide will help you find your way through the many engaging interactives that support Georgia Inspire Science print resources.





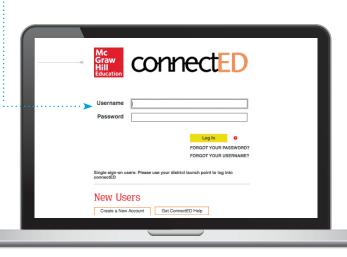
Ready to Start **Your Digital Tour?**

Visit mheonline.com/Georgia

Log In

To get started, go to **mheonline.com/Georgia** and then click on Start Digital Review.

Click "Log In Now" from the generated email and enter the username and password provided.









& Login

Choose Your Course

Explore the Teacher Center Home Page Launch Lesson Presentations Lesson Anatomy

Access Lesson Plans Access Resource Library Professional Development

My Home



The Georgia Inspire Science Digital Book Bag

Once you log in, the first screen you will see is "My Home" also known as the ConnectED Book Bag. This view provides access to your student and teacher courses.



Access the Digital Teacher Center

Access the Digital Student Center





Inspire Science Grade K
Teacher Edition



Inspire Science Grade K
Student Edition



Inspire Science Grade 1
Teacher Edition



Inspire Science Grade 1
Student Edition

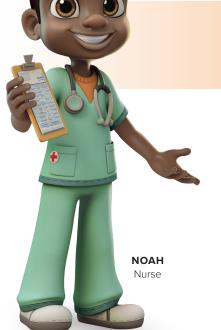


Inspire Science Grade 2
Teacher Edition



Start Here!

Click any course to start.



Need to Return to My Home?

To get back to your book bag, just select "ConnectED" from the main menu.





Welcome

& Login

EXPLORE THE TEACHER CENTER HOME PAGE

Choose Explore the Teacher
Your Course Center Home Page

Launch Lesson Presentations Lesson Anatomy

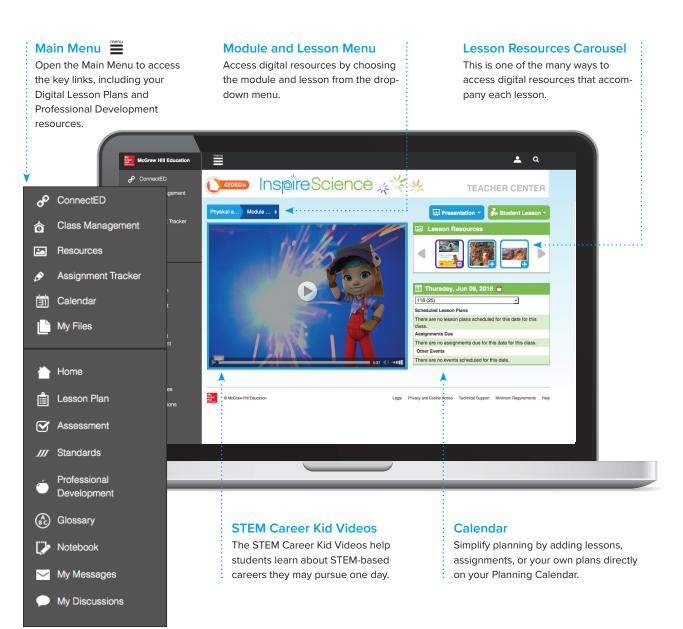
Access Lesson Plans Access Resource Library Professional Development

Teacher Center Home Page

The *Georgia Inspire Science* Teacher Center home page provides quick access to your Lesson Presentations, the Student Lesson view, the STEM Career Kid Videos, and Assignments. Just select the module and lesson you need from the Module and Lesson Menu, and the key tools for that lesson will appear in the Lesson Resources carousel.







LAUNCH LESSON PRESENTATIONS



Welcome Choose Explore the Teacher Launch Lesson

Welcome & Login

Choose Your Course Explore the Teacher Center Home Page Presentations

Lesson Anatomy

Access Lesson Plans Access Resource Library Professional Development

Lesson Presentation

The Georgia *Inspire Science* Lesson Presentations provide a step-by-step guide through each lesson. The presentations are completely aligned to the lesson content, fully customizable, and embedded with multimedia assets.

Customize Presentations

Quickly and easily customize each presentation by adjusting existing slide order or uploading your own resources to the presentation in the slide sorter view.

To access this slide sorter view, select the waffle icon in the bottom left-hand corner of your lesson presentation view.





Launch Digital Resources

You can launch digital resources right when you need them directly from the presentation slides.



MAYA Geologist







Choose

Your Course

Welcome

& Login

Explore the Teacher Launch Lesson Center Home Page Presentations

Lesson Anatomy

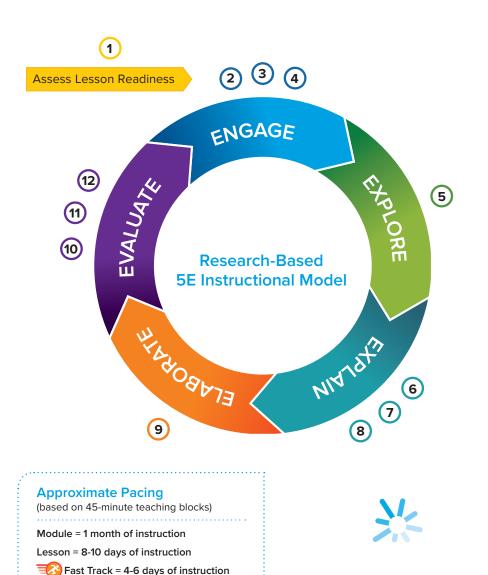
Access Lesson Plans

Access Resource Library

Professional Development

The Georgia Inspire Science Lesson Anatomy

Georgia Inspire Science lessons are designed with the familiar and proven 5E instructional model, and the McGraw-Hill Education Key Steps to Three-Dimensional Instruction. Each lesson begins with a phenomenon to explore through the lens of the science and engineering practices. This exploration presents new questions and problems to solve, which creates a motivational circumstance for learning core disciplinary ideas.



Key Steps to Three Dimensional Instruction

- Page Keeley Science Probe
- Science in Our World
- Essential Question
- Science and Engineering Practices
- Inquiry Activity
- Obtain and Communicate Information
- Reflect and Refine
- Science and Engineering Practices
- 🔍 Research, Investigate, and Communicate
- Rerformance Task
- **Essential Question**
- Science and Engineering Practices



Navigate to Open Plan Folders



Lesson Plans

Choose

Your Course

Welcome

& Login

The *Georgia Inspire Science* Lesson Plans are easy to use and fully customizable, giving you complete control of how you craft your lessons. All the resources you need are conveniently located in one place with access to a myriad of robust materials for every lesson.

Launch Lesson

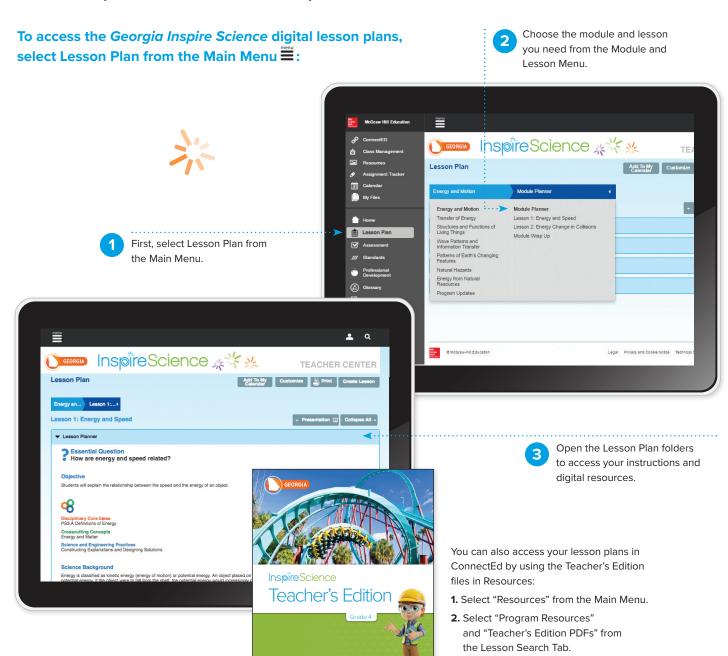
Presentations

Lesson Anatomy

Explore the Teacher

Center Home Page





Mc Graw Hill Efection



Module at a Glance



Welcome & Login

Choose Your Course

Explore the Teacher Center Home Page Launch Lesson Presentations

Lesson Anatomy

Lesson Plans

Access Resource Library

Professional Development

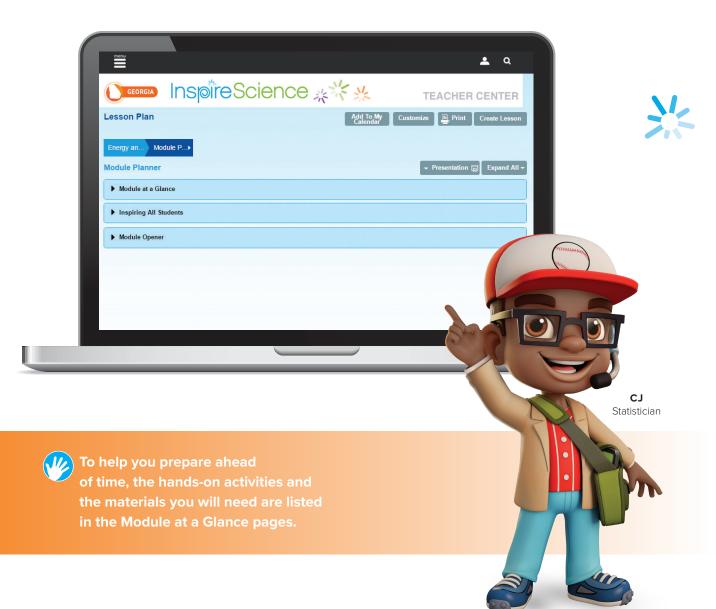
Module at a Glance

Module at a Glance

Each Module at a Glance includes a module overview, lesson summaries, and easy-to-use pacing guides. Be prepared with the Plan Ahead section that includes detailed materials lists for each hands-on activity.









Inspiring All Students



Welcome & Login

Choose Your Course Explore the Teacher Center Home Page Launch Lesson Presentations Lesson Anatomy

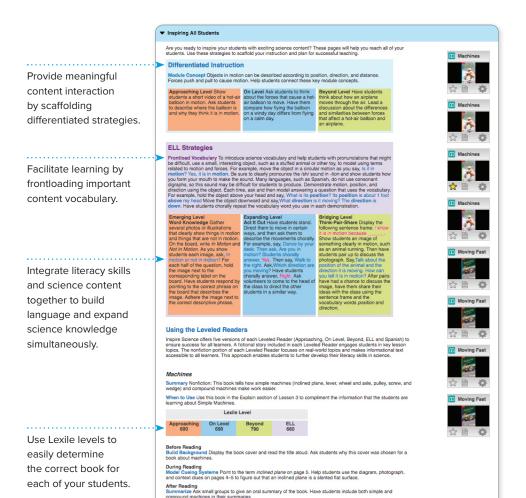
Access Lesson Plans Access Resource Library Professional Development

Inspiring All Students

Use differentiated instruction, ELL strategies, and leveled readers to inspire all your students to learn exciting science concepts.









Georgia Inspire Science offers 1–2 leveled reader titles per module with five versions of each (Approaching, On Level, Beyond,ELL, and On-Level Spanish) to ensure success for all learners. Each leveled reader is available in digital and print.

Approaching

On Level (available in Spanish)

Beyond

ELL



Lesson Planner



Access Resource Library

Professional Development



Module Opener

Module Opener and Science Phenomenon

The Module Opener kicks off the module by having students explore an exciting science phenomenon and STEM career connections.

Every module begins with a video or picture of a science phenomenon and a phenomenon question that will spark students' curiosity and start an engaging conversation that promotes deeper thinking.

Make STEM career connections.



STEM Career Connection Marine Biologist Field Notes Date: June 8, 2012 Time: 1:12 pm Species Observed: Number Observed: 85 individuals Depth: 1.100 meters and use bioluminescence to glow in the dark. Draw and label a diagram to show how you think the shape of an animal's eye helps it see. Science and Engineering Practices



"I will . . . " statements reference a science and engineering practice and provide students with an overview of what they will be learning.





Explore the Teacher

Center Home Page

ACCESS LESSON PLANS

Module Opener



Lesson Plans

Access Resource Library

Professional Development



Welcome

& Login

Lesson Planner

Choose

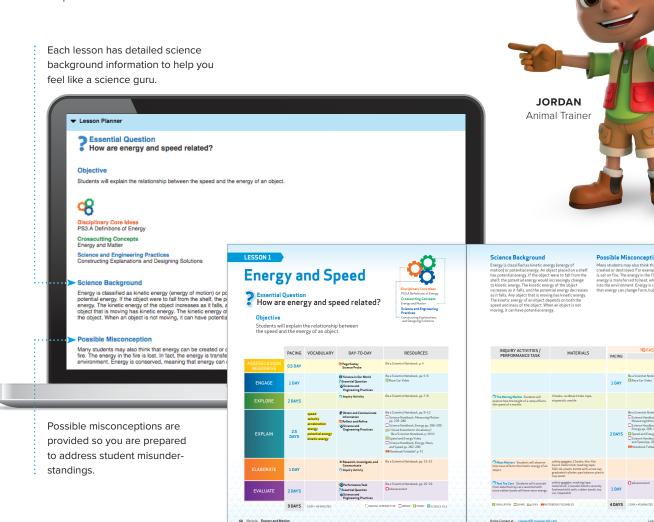
Your Course

The lesson plan introduces you to the Essential Question, lesson objectives, and a detailed pacing guide. Science background information and common misconceptions are also included.

Launch Lesson

Presentations

Lesson Anatomy



The lesson pacing guide breaks down the day-to-day instruction, the resources you will use, hands-on activities, and the necessary materials. Fast track pacing is also available when time is of the essence.





Assess Lesson Readiness



Welcome Choose & Login Your Course

Explore the Teacher Center Home Page Launch Lesson
Presentations

Lesson Anatomy

Access Lesson Plans Access Resource Library Professional Development

ASSESS LESSON READINES

ENGAGE

EXPLOR

EVDI AIN

ELABORA

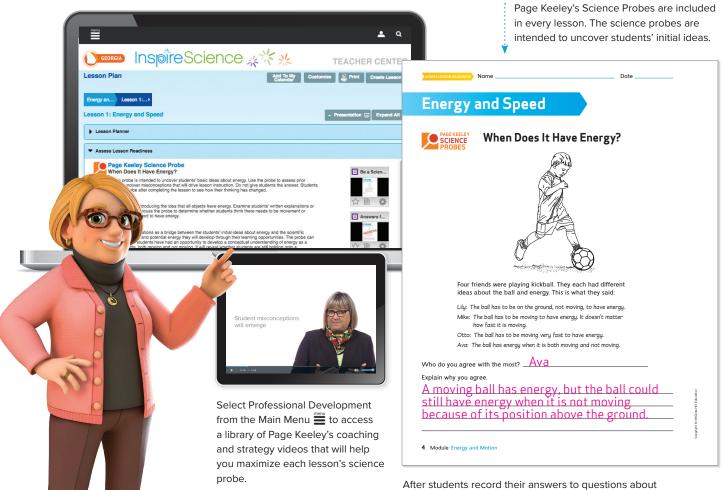
VALUATE

Assess Lesson Readiness

Assess Lesson Readiness with Page Keeley's Science Probes

You will be able to assess student readiness with a Page Keeley Science Probe in every lesson. Each Page Keeley Probe includes teaching and learning implications, how to use the probe, common misconceptions, and a teacher explanation.





After students record their answers to questions about the probe independently in their Be a Scientist Notebooks, they are encouraged to discuss and display their ideas.

PAGE KEELEY, MEd Author and Educator



Engage



Engage

The Engage phase inspires curiosity with science phenomenon demonstrations, videos, or photos. Students will discover science phenomena through the same lens as scientists and engineers, as well as participate in group discussions that explore core concepts the lesson will reveal. You can then further the conversation and spark student interest by introducing the STEM Career Connections.



Spark students' curiosity with the lesson phenomenon and start a conversation.

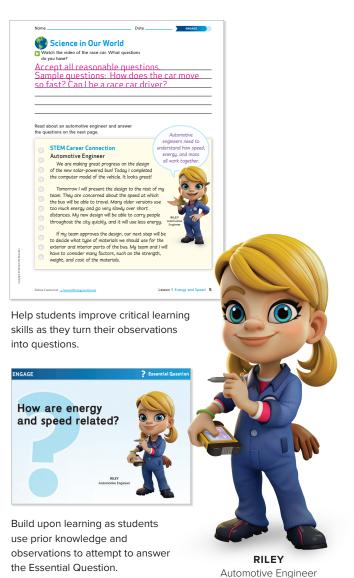


Learn about an exciting STEM Career that connects with the lesson.



Collect evidence throughout the lesson to engage in Science and Engineering Practices.







Explore



Welcome Choose & Log In Your Course

Explore the Teacher Center Home Page Launch Lesson Presentations Lesson Anatomy

Access Lesson Plans Access Resource Library Professional Development

ASSESS LESSON READINES:

ENGAG

EXPLORE

EVEL AIN

EL 4 B 6 B 4 T

VALUATE

▼ Explore

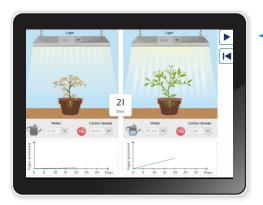
Explore

In the Explore phase of the lesson, students will use hands-on activities, simulations, videos, demonstrations, and more to carry out investigations, collect and interpret data, and get more involved in the lesson concepts to start building understanding.









Students will get excited about their learning when they participate in inquiry activities using simulations and videos.



Use hands-on activities and teacher-led demonstrations to make predictions, carry out investigations, record and analyze data, communicate findings, and construct explanations.





Use interactive tools to communicate findings and make connections.



Explain



Professional Development

Your Course

Choose

Explore the Teacher Center Home Page

Launch Lesson Presentations

Lesson Anatomy

Resource Library

EXPLAIN

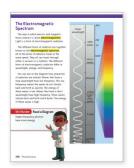
Explain

Welcome

& Login

Explain

Connect literacy and science through inquiry by providing students with an array of print and interactive resources to conduct research and explain their understanding. Students develop research and reading skills while deepening their understanding of core science topics, and learn to connect this learning back to prior experiences and the Essential Question.



Integrate literacy with science instruction to help your students build literacy skills while they are learning science.

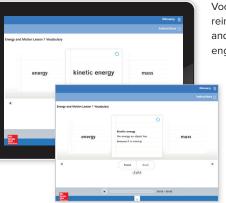


Make fictional and informational text connections with Science Paired Read Aloud books.





Build summary and text evidence skills with leveled readers.



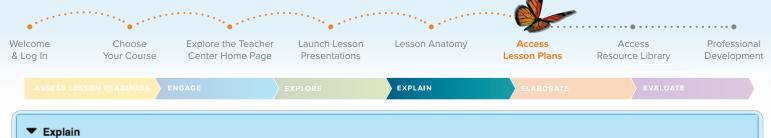
Vocabulary interactives reinforce important terminology and key concepts in a fun and engaging way.



The Georgia Inspire Science digital learning games (developed by Filament Games) teach and reinforce deeper conceptual science understanding by immersing students in experimental learning through play.



Explain

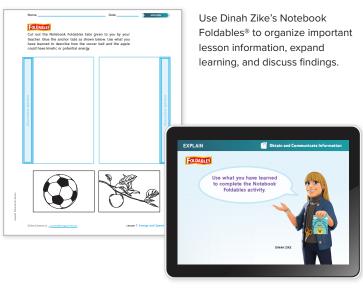


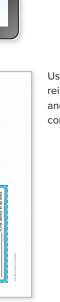
Further the Explanation with Dinah Zike's Foldables® and VKVs

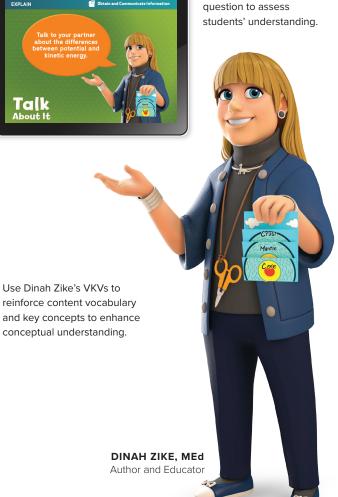
Use Dinah Zike's Notebook Foldables® as a tool to organize important lesson information and Visual Kinesthetic Vocabulary to help students construct meaning and master lesson vocabulary.



Use the Talk About It







Energy and Motion

act or all district lines

bits on all solid in



Elaborate



Choose Welcome & Login Your Course

Explore the Teacher Center Home Page

Launch Lesson Presentations

Lesson Anatomy

Lesson Plans

Access Resource Library

Professional Development

Elaborate

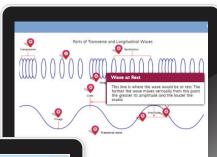
Elaborate

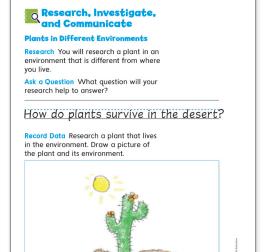
Help your students revise their thinking by reflecting on past answers to see how their judgment has evolved. They will explore new options for further refinement of their understanding through investigations, modeling, research, and communicating with data and evidence.





Students will conduct research and participate in inquiry activities, simulations, interactives, and more to further their understanding and communicate their findings.







In the Elaborate phase, students expand on what they've learned. In this lesson, students will make another model of a plant, in a new environment.

The Concord Consortium to create simulations that provide interactive models that would be difficult to replicate in a classroom.

EMILY Aerospace Engineer

122 Module



Evaluate



Evaluate

Evaluate

Guide students to demonstrate their understanding of the Essential Question and phenomenon by completing a final performance task, e-Assessment questions, and the "I Did" statements.

Students reflect on the lesson, then rate themselves on their level of content understanding and their proficiency of the Science and Engineering Practices that were targeted in this lesson.







You can assign ready-made lesson tests, or customize a test to your liking.



The "I Did" statements allow students to revisit the Science and Engineering Practices.



HIRO Ocean Engineer



Explore the Teacher

Center Home Page

ACCESS LESSON PLANS

Module Wrap Up



Lesson Plans

Access Resource Library

Professional Development

Module Wrap Up

Choose

Your Course

Welcome

& Login

Each module closes with a Performance Project that gives students the opportunity to engage in a design challenge that aligns with the module's content.

Launch Lesson

Presentations

Lesson Anatomy





ACCESS RESOURCE LIBRARY





Choose Your Course

McGraw Hill Education

Explore the Teacher Center Home Page

Launch Lesson Presentations

Lesson Anatomy

Access Lesson Plans

Resource Library

Development



In addition to accessing your resources from the lesson resources carousel or the digital lesson plans, you can also search, preview, and access all of the module and lesson resources in the resource library.









Lesson Search

Access program resources including the Be A Scientist Notebook, Science Handbook (Grades 3-5, in English and Spanish), and Teacher's Edition PDFs by module and lesson.

Keyword Search

Refine resource searches with a simple keyword search or by selecting a resource type.

Favorites





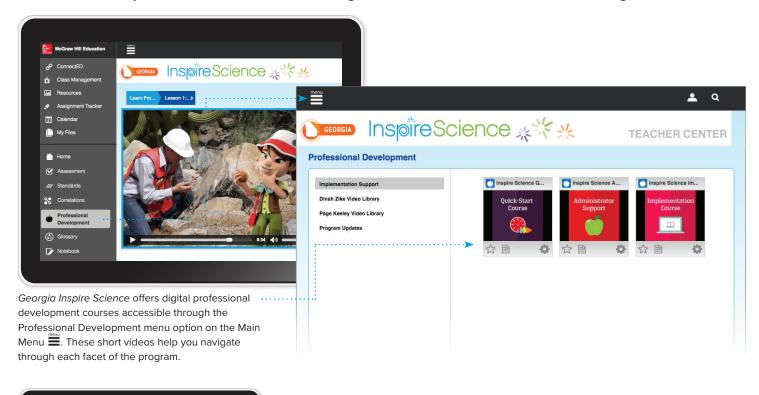
PROFESSIONAL DEVELOPMENT





Professional Development Support

Georgia Inspire Science comes with extensive support and professional development to ensure that you are able to teach every one of our science lessons with great success—and feel like a real science guru, too!





Page Keeley Video Library

You'll love the techniques Page Keeley, MEd shares in these videos for how to get the most out of your science

Dinah Zike Video Library

Dinah Zike, MEd demonstrates how to effectively incorporate the use of her VKVs® and Foldables®, designed to provide visual and kinesthetic vocabulary support to challenging science content.





USER-FRIENDLY • CONNECTED • INSPIRING



To learn more, visit mheonline.com/Georgia

