

### Spark Curiosity. Ignite Learning.

**GRADES K-5** 











**GRADES 6-8** 



Scan to try the digital sampling experience, or visit: **mheonline.com/TXScience** 



Mc Graw Hill

# TEXAS SCIENCE

Program Overview Grades K–5

S1.1049012



# **Designed for Texas. Built for the Future.**

We know that students are natural problem-solvers and innovators. Fueled by curiosity, they approach each day with a sense of wonder and drive to discover. We built McGraw Hill Texas Science to empower them to ask questions, pose hypotheses, conduct hands-on investigations, and communicate their findings.

Drawing on feedback from Texas teachers, we set forth to create a program where inquiry lays the foundation for deep understanding of science, where a spirit of discovery improves students' reading and writing skills, and where the ultimate goal is TEKS mastery and a lifelong love of learning.

### **For Every Learner**

Texas Science empowers students to take ownership of their learning through hands-on activities, science probes that elicit and build upon student preconceptions, and personalized learning opportunities. Combined with equitable resources, targeted TEKS review assignments, and leveled content that meets students where they are, our program ensures every student can be a scientist.

### For Every Scenario

Students have access to real-world content and hands-on activities with examples that tie science concepts into tangible, everyday life experiences.

#### **For Every Teacher**

Texas Science offers flexible pathways for you to teach the TEKS—either following the recommended path or selecting from the wide collection of resources to deliver content in the way that best fits your unique classroom.

#### Texas Science Is for You

Embedded with Texas-based phenomena and a stringent focus on the TEKS, the Texas Science program provides every Texas student with the tools they need to succeed in science. Texas Science was made by Texas too-drawing on feedback from teachers and administrators like you, our program centers the needs of today's Texas science classrooms.



# **Guided by TEKSperts**

Our authors and contributors are proud TEKSperts committed to engaging students throughout their learning experience:



#### Julie Jackson, Ph.D.

Creator of Interactive Word Walls, Dr. Jackson draws on expertise in vocabulary, language acquisition, and the TEKS to facilitate student understanding and acquisition of science vocabulary.

#### **Dinah Zike**

Creator of NEW! Foldables and interactive notebooking, Dinah Zike focuses on helping students understand difficult new concepts and facilitating engagement.

#### **Page Keeley**

Page Keeley's internationally known probes put students at the center of the lesson to focus content on their current understandings and challenge their preconceptions.

### Felicia Mensah, Ph.D.

A scholar in science teacher education and teacher professional development, Dr. Mensah provides expertise on life science as well as diversity and inclusion in all science experiences.

Cindy Guerrero, Ph.D. Dr. Guererro utilizes her expertise in English-language development to maximize the program's ELPS support.

Doug Fisher, Ph.D. Science Literacy Essentials to foster reading comprehension.

A renowned reading expert, Dr. Fisher helped create our new and improved

# **A Program Built for the New TEKS**

Our team explicitly designed *McGraw Hill Texas Science* for the new TEKS standards and the modern Texas science classroom. This program combines the new TEKS with feedback from our most trusted collaborators—Texas teachers and administrators—and offers the tools to help every student achieve success in science.

#### **TEKS Progression Breakdown**

Every lesson in the *Texas Science* program begins by using prerequisite TEKS as a launch pad—seamlessly building up to the lesson-level TEKS concepts. To help gauge student abilities and understanding, each lesson comes with resources to pre-assess and remediate student learning as needed.

Cognitive verbs (investigate, distinguish, evaluate, etc.) help unpack complex TEKS, clearly defining the extent to which topics must be covered to meet each standard.

#### **TEKS** Assessment Guide

Online and printable guided practice tests are available to help students prepare for state assessments. Each practice test includes rigorous, high-level thinking questions and answers so students can check their work.

#### **TEKS Refresh**

After conducting pre-assessments, you can assign TEKS Refresh activities to students who need them, ensuring they understand and remember content from previous grades before diving into new material.





**TEKS Assessment Guide** 

#### Differentiation

### **Learning in Three Dimensions**

Rooted in the three-dimensional learning framework of the TEKS, *Texas Science* takes an application-based approach to learning. Each of the three dimensions—TEKS, Scientific and Engineering Practices (SEPs), and Recurring Themes and Concepts (RTCs)—work together to nurture deep, holistic understanding and prepare students for any challenge.

#### Phenomena in Texas Science

*Texas Science* opens every lesson with an engaging phenomena-focused question, video, or image—piquing students' curiosity and prompting them to ask questions. As the lesson progresses, students will accrue new knowledge that they can use to help explain the anchoring lesson phenomena.

### The TEKS

Built to bring science and engineering concepts and organizing principles into focus, TEKS are at the foundation of science classrooms across the state. By honing their abilities and understanding in accordance with the TEKS, students are well-positioned for success in college and the workforce.



### **Scientific and Engineering Practices**

Woven throughout every chapter and lesson, SEPs teach students how to investigate the natural world like real scientists and engineers. By learning how engineers design and build models and systems and how scientists use inquiry and experimentation to construct new theories, students gain insight into the real-world applications of the material.

By mastering the SEPs, students will be able to:

- Ask questions based on observations.
- Plan and conduct investigations.
- Use appropriate safety equipment and practices.
- Use appropriate scientific tools.
- Collect quantitative and qualitative data as evidence.
- Construct appropriate tables, graphs, maps, and charts.
- Develop and use models.
- Distinguish between scientific hypotheses, theories, and laws.

### **Recurring Themes and Concepts**

Science is a complex and wide-ranging discipline. To achieve holistic understanding, students must be able to identify recurring themes and draw connections between overarching scientific concepts. Piecing these connections together, students gain a more comprehensive view of the scientific discipline and how it connects to external fields of study, such as math or English language arts.

Recurring themes and concepts include:

- Patterns
- Cause and Effect
- Scale, Proportion, and Quantity
- Systems and Models



- Energy and Matter
- Structure and Function
- Change and Stability

### **Inspiring New Teacher Confidence**

**3D** Learning

Built to support the influx of new teachers across the state, Texas Science provides a clear path for you to cover the TEKS. Supports throughout the Teacher's Edition deliver additional tools to ensure teacher success and student content mastery.

As a new teacher, stepping into a new classroom or subject area can be daunting—but it doesn't have to be. With structured supports aimed at new teachers, you can feel confident and prepared to drive scientific achievement in your classroom.





and guidance for getting the most out of Texas Science in your classroom.

> How should I respond to a "wrong" answer?



6

#### Differentiation

**Step-by-step support** provides guidance and troubleshooting for Hands-on Investigations.



# Hands-On Labs, **Real-World Investigations**

SON I • TEKS 2.7A • EXPLORI

Material modeling clay

Hands-On Investigation

Hands-On Investigations

 2 toy cars Make a Prediction

Conduct an Investigation

**3D** Learning

Real scientists get their hands dirty. By conducting hands-on investigations, students can apply their scientific knowledge to exciting real-world contexts. Accessible materials and engaging instructional videos prepare teachers and students alike to get the most out of each investigation.

- Claim, Evidence, Reasoning (CER) writing prompts help students make meaning from their investigation.
- Comprehensive instructional videos guide teachers on how to approach each science topic to maximize student comprehension.
- Anytime Investigation Videos provide student-friendly videos showing lab work in action.
- **STEM Projects** aligned to each strand of the multi-dimensional learning model allow students to bring their own creativity to design solutions for science and engineering challenges and investigate their world.



Whether jotting down lab notes or clicking through digital investigations, students have access to an array of rigorous hands-on activities through *Texas Science*. With 100% TEKS-aligned labs, the program prompts every student to dive deep into the lesson content and observe new concepts in action.

- Hands-On Investigations immerse students in the real-world applications of science.
- **Explore Simulations** allow students to explore content beyond the limits of the classroom and as representations of real-world experiences.
- Ready-to-use notebook activity sheets allow students to record their investigations quickly and simply.



Interactive Infographic

### Texas Science is Full STEAM Ahead

When students see people who look like them excelling in STEAM, they envision their own present and future as scientists and engineers. Profiles dispersed throughout the program showcase diverse figures in wide-ranging STEAM careers. Easy-access "set it and forget it" activity stations integrate STEAM into busy classrooms so that students can deepen their knowledge through experiential learning.

With the aid of abundant STEAM support found in *Texas* Science, students can explore every dimension of science, technology, engineering, arts, and math:

- **STEAM Stations** integrate STEAM into busy classrooms, allowing teachers to quickly print bundled teacher support materials and differentiated student activity pages.
- STEM Connections expose students to interviews and articles about real STEM professionals.
- STEM Projects put students in the shoes of scientists and engineers, tasking them with designing a solution to a real-world STEM problem.
- **STEM Biographies** cut to the heart of discovery introducing students to the pioneers who made STEM research and exploration a reality.



**STEAM Investigator** 

- STEAM Investigator articles discuss high-interest STEAM topics at three different Lexile levels.
- Notebooking activities let students record their observations, data, and thinking just like real scientists.



**STEM Connections** 



STEAM Stations allow students to extend and apply their learning beyond the scope of the textbook as they work independently to complete engaging STEAM-aligned activities.

<b>Reinforce</b> Use stations to provide practice and cross-	SERE TERRORUM REMEMBER AT MAIN TERRORUM REMEMBER AT MAIN States of the second s
curricular connections to TEKS-aligned content.	Technology I Who Broke the Record?
Extend Stretch learning with open-ended, accelerated station	At I caster Creator Set a Accelerator Set and Acc
activities.	



IF/THEN<sup>®</sup> seeks to further advance women in STEM by empowering current innovators and inspiring the next generation of pioneers. Texas Science highlights IF/THEN women throughout to depict positive role models using science in the workplace.

- STEM Connections tie in-depth profiles of scientists to lesson content.
- Videos and interviews with IF/THEN scientists provide engaging, real-world examples of women in science and engineering-based careers.



#### **Notebooking** Foldables

Use stations for students to work ahead in their notebooks with Dinah Zike Foldables.

#### STEM Connection THIS IS WHAT A SCIENTIST LOOKS LIKE

#### Meet a Fossil Prepara Myria Perez

gist! She grew up with a love of o at never faded Myria

#### O What is a fossil preparator

unding it. The delicate work of r

fossil prep is that each day is different! Pr



#### **Student Engagement**

### **Boundless Science Learning**

Transport students beyond the walls of your classroom with cutting-edge digital content, including interactives, simulations, videos, and more. Fun and easy to use, these features align with lesson topics to spark scientific curiosity, support discussion, enhance review, and deepen understanding.

Scan the QR codes to explore these engaging online resources!



Interactive Infographics





**TEKS Refresh** ensures students understand and remember content from previous grades before diving into new material.

#### Explore Simulations allow students to manipulate variables in a scenario beyond the limits of the

classroom.

Virtual Field Trips

use engaging questions,

explore diverse locations

across Texas and show how they connect to STEM fields.

pictures, and videos to



LearnSmart uses smart, adaptive technology and multiple-choice questions to help gauge student understanding

Word Labs give flashcards a modern twist with flexible, student-driven, scientific word exploration.



# **Unlock a New Era of Learning: The K–5 Digital Student Experience**

In today's digital age, students have greater access to technology than ever before—all available at their fingertips. With that comes new tools, videos, activities, simulations, and more to take their learning and engagement to the next level. Texas Science boasts an array of digital resources for students, pushing the limits of science learning beyond the four walls of the classroom.

- The Student eBook includes built-in comprehension questions and vocabulary definitions at the point of use.
- Text content is available at multiple reading levels, so students can adjust as needed.
- With the K–12 Portal App by McGraw Hill, students can access their content and assignments anywhere, any time, on any device, with or without internet access.
- Embedded Videos and ReadSpeaker in the eBook allow students to learn in a variety of modalities.

![](_page_7_Picture_25.jpeg)

Student eBook

TEKS in Texas Science 3D Learning

Teacher Support

**Student Engagement** 

# Watch and Learn: The K–5 Print Student Experience

Science takes place before our eyes every single day. That's why, in order to build deep scientific understanding, students must not only be able to write about and discuss a topic but also recognize visual representations. Rich, varied imagery and interactive diagrams prepare students to observe and identify science in the real world, not just in the pages of their textbook.

*Texas Science* leverages multiple modes of visual learning in every unit, module, and lesson.

**Infographics** use visuals to bring complex science topics to life and allow for deeper engagement, particularly when embedded with digital interactive components.

![](_page_8_Figure_8.jpeg)

**Visual Assessment Items** in Lesson Reviews, Chapter Wrap Ups, and TEKS Assessment Guides give students opportunities to make meaning from pictures and practice for the STAAR.

![](_page_8_Picture_10.jpeg)

Science Literacy Essentials pair leveled text (two grade levels below on-level) with enhanced visuals so students have multiple avenues to access grade-level information.

![](_page_8_Picture_12.jpeg)

and the second second	4. Which landform is the result of deposition by water? (TEKS 5.58, 5.100)
2.92	O A. delta O B. canyon
999/2	
101	
	O C. sea stack O D. rock arch
	5. A student visited a landform and recorded these observations:
	Observations
	steep walls     valley
	running water at the bottom
	What type of landform might the student have observed?
	Explain your answer. TEKS 5.3A, 5.10C
NO C	TOP
213	214 Chapter 7 Changes to Earth's Surface

![](_page_8_Picture_17.jpeg)

### **Read About It, and Write About It**

In the world of science, communication is as critical as discovery. Frequent opportunities to practice writing and reading for the TEKS assessments build deep conceptual understanding and cross-curricular skills. Guided by experts Dr. Julie Jackson and Dr. Cindy Guerrero, Texas Science provides equitable literacy support for students of all backgrounds.

To support literacy acquisition and growth for all students, Texas Science incorporates several reading and writing tools:

- Text Complexity Strategies by Dr. Doug Fisher clue students into the details of a text, helping them prepare to read.
- Sentence Stems, Notebooking templates, and Foldables give students opportunities to write in every class.
- Write About It! Graphic Organizers use visuals to help students organize their thinking.

![](_page_9_Picture_12.jpeg)

![](_page_9_Figure_13.jpeg)

### an alternative way to access grade-level content.

Guided Write About It!	Plan Your W
Read the prompts in your Student Edition. Then follow the steps below.	Second Promp Consider the follor how wind migl the complete l which two ma tower and why Use a T-chart to a questions at the e Problem and Solu
<ul> <li>how using fewer toothpicks will affect your tower's stability</li> <li>Use a T-chart to organize your information. Put the questions at the end of the prompt at the top of your Problem and Solution chart.</li> </ul>	Write
Questions	I'm going to use
	□ Explain your proce use. You can use t is a good materi
	□ End by writing ab The two materials I
	Remember to use

Differentiation

![](_page_9_Picture_19.jpeg)

Science Literacy Essentials for Grades 3–12 offer leveled text with enhanced visuals to give students

![](_page_9_Picture_21.jpeg)

#### Guided Write About It! activity

pages use scaffolding supports to help students write about their discoveries.

### **Vocabulary TEKSpertise**

### **Strengthening Science Vocabulary and Communication** with Dr. Julie Jackson's Word Walls

![](_page_10_Picture_7.jpeg)

From renowned author and educator Dr. Julie Jackson, Interactive Word Walls bring science vocabulary to life so that students can build meaningful relationships to TEKS concepts rather than simply memorize them. Throughout the Teacher's Edition, embedded supports describe how to build Interactive Word Walls that maximize learning by sparking curiosity, promoting engagement, and contextualizing new terms and concepts.

Dr. Jackson's Texas Science innovations include:

- Science language information in every chapter that highlights target vocabulary, including—
  - Prior-knowledge words
  - Lesson words
  - Academic vocabulary support
  - SEP/RTC language
- Pre-made Interactive Word Wall Guides and Word Cards in English and Spanish with images.
- Professional development videos to help you practice powerful instructional strategies.

Abiotic: Learn

entence: Plants ar

V Español

Definición: todo fact el agua, la temperatu

Define Word Parts: abio

Do you need practice?

Interactive

Wall

Update your

Word

graphic organizer! **Innovative Word Labs** 

allow students to study science vocabulary at their own pace using visuals and embedded word strategies.

![](_page_10_Picture_19.jpeg)

![](_page_10_Figure_20.jpeg)

Target Vocabulary combines new words with familiar ones to determine essential vocabulary.

![](_page_10_Picture_22.jpeg)

![](_page_10_Picture_23.jpeg)

![](_page_10_Figure_25.jpeg)

# **Notebooking TEKSpertise**

# Documenting Discoveries with Dinah Zike's Notebooking Strategies

![](_page_11_Picture_6.jpeg)

Science takes on greater meaning when it is written down. Through the process of writing, we can reflect upon and eventually build on our discoveries. With carefully designed, intuitive notebook activities created by award-winning author, educator, and inventor Dinah Zike, students join generations of researchers documenting their findings—all while improving writing skills, deepening scientific understanding, and preparing for success on standardized tests.

Teacher Support

Dinah's Texas Science innovations include:

- Brand new TEKS Foldable Activities with embedded Notebooking strategies.
- **PHOTOstart and PHOTOfinish activities** that launch and close each lesson.

Other Notebooking innovations include:

- Write About It!
- Hands-On Investigations and Labs
- Guided Claim, Evidence, Reasoning (CER)

writing prompts

Guided Write About It!

![](_page_11_Picture_16.jpeg)

Foldables

Name	out It!	111
Read the prompt in your Student E	Edition. Then follow the steps below. It is sheet of paper to complete your writing.	
Plan Your Writing Use T-chart. The tips below are	e a start. Add some more.	
Advantages (Good things about using your model)	Disadvantages (Problems with using your model)	
clearly shows when something is denser than water	have to have water available	
Write Write your evaluation. Begin wi I do/do not think this type of more relative density.	th your overall review.	Condent of the second
<ul> <li>Tell the reasons that support yo the advantages—the reasons the disadvantages—the reasons this</li> </ul>	ur evaluation. First, write about his model is useful. Then, write about is model can be hard to use or confusing.	1 1 1 1
One advantage of using a mode One disadvantage of using a mo	Il is Another advantage is Another disadvantage is	
Keep your purpose and audience judge, using this model to expla be other students, your teacher.	ce in mind Your purpose is to evaluate, or in relative density. Your audience might , or a textbook review team.	
End your evaluation with a summadvantages or disadvantages and a summadvantages and a summ	mary that explains whether the	-

	Write About It!
	1. Choose a writing prompt.
	<ul> <li>Which Texas dinosaur fossil would you like to discover and prepare for an exhibit at the Houston Museum of Natural Science? Why? Research when the dinosaur lived, its habitat, its structure, and more fun facts.</li> </ul>
	<ul> <li>If you had to image Texas 20,000 years from now, what animals do you think could be extinct and why?</li> </ul>
	<ul> <li>In her Cool Tools video, Myria Perez discusses how to prep dinosaur bones. Reread her interview and research the tools she uses. Which tool do you think is best? Why?</li> </ul>
	2. Organize your information. Draw an Flow Chart graphic organizer (like this one) in your notebook.
	Flow Chart
20	<ol> <li>Use your Flow Chart graphic organizer to create a poster. Include words from the Interactive Word Wall in your writing.</li> </ol>

**CER Writing Prompts** 

Differentiation

esson 1:3 Stem Connection Wantoger DIS advanter thom water do think this type of rode is the Best way to each someone About relative ensity e advantage of Using a model that is Snows if something 15 denser than water

#### INRIGORATING SCIENCE NOTEBOOKS: COMMUNICATION SKILLS

![](_page_11_Picture_26.jpeg)

Dinah's new book, InRIGORating Science Notebooking

# **Science Literacy TEKSpertise**

A renowned reading expert, Dr. Fisher helped create our new and improved Science Literacy Essentials to foster reading comprehension.

### Dr. Doug Fisher, Ph.D.

![](_page_12_Picture_8.jpeg)

Texas Science empowers all students to succeed in science no matter their starting point. The new Science Literacy Essentials provide reading and writing support for students in need of a little extra help, including:

- Content written two Lexile levels lower than the on-level content.
- **Teacher tips** to provide ample student support.
- Writing space for students to practice explaining their understanding.
- Print, digital, and Spanish-language versions of the text.

![](_page_12_Picture_14.jpeg)

#### What's a Teacher to Do?

When we know what makes a given text complex, there are actions we can take to support students. In some cases, these are teaching points that need to be integrated into our lessons; in other cases, they involve support for learners. Consider the following factors and the sample actions that can help students unlock the meanings of complex texts.

lf	Then	Monitor
Graphics are complex or necessary for understanding but students are not tracking the information	<ul> <li>Model extracting information from graphics.</li> <li>Focus questions on specific aspects of information to reduce the distractions of all the data.</li> <li>Have students construct data tables and graphics so they see how these are developed.</li> </ul>	<ul> <li>Students' correct use of information from graphics</li> <li>Students' comparing information in the text to n the visual information</li> </ul>
Vocabulary is interfering with understanding	<ul> <li>Identify words that require pre-teaching and focus on pronunciation and meaning.</li> <li>Identify words that can be solved using context or word parts and focus on word-solving skills.</li> <li>Develop a conceptual word bank so that students track their understanding of new terminology.</li> </ul>	<ul> <li>Students' expanding vocabulary as they use the target terms in their speaking and writing</li> <li>Students' word-solving skills as they use context and word parts to determine word meanings</li> </ul>

Text Complexity Strategies clue you in to the details of the text, allowing you to help all students prepare to read.

![](_page_12_Picture_19.jpeg)

![](_page_12_Picture_21.jpeg)

### **Probes TEKSpertise**

### Illuminate and Investigate Scientific Misconceptions with Page Keeley Probes

![](_page_13_Picture_7.jpeg)

One of the most effective ways to support conceptual learning is through formative assessment. That's why *Texas Science* begins every lesson with a Page Keeley Science Probe and productive discussion strategy. Each probe uses real-world phenomena to promote student thinking and discussion, revealing the misconceptions and initial ideas students bring to their learning to best inform your instruction.

![](_page_13_Picture_9.jpeg)

![](_page_13_Picture_10.jpeg)

Differentiation

Assessment

![](_page_13_Picture_14.jpeg)

Copyright © McGraw Hill

![](_page_13_Picture_15.jpeg)

## **Foster Multilingual Connections**

Every student deserves access to a rich, robust, and challenging science curriculum leveled to their needs and abilities. Texas Science applies the best pedagogical practices for teaching emergent bilinguals, complete with authentically translated print and digital texts and an array of diverse scaffolding tools.

![](_page_14_Figure_7.jpeg)

### **Reading Comprehension and Multilingual Support**

Texas Science supports reading comprehension and English Language Proficiency Standards (ELPS) using a variety of innovative tools and scaffolds:

- Both the core text and Science Literacy Essentials are available in Spanish online in a printable format.
- **Google Translate** is available for students where needed.
- The multilingual glossary offers key vocabulary definitions in over 10 different languages.
- All student materials are **authentically translated in Spanish** including Hands-On Activity pages, Guided Writing Prompts, Online Simulations, videos, and more!

![](_page_14_Picture_14.jpeg)

![](_page_14_Picture_23.jpeg)

**Spanish Student Edition** 

Lectura por niveles

### **Assess and Address Learning Needs**

Chart the path to TEKS mastery with a suite of easy-access tools aimed at gauging student understanding, identifying learning gaps, and targeting misconceptions throughout each lesson and chapter. Formal exam practice, personalized and adaptive study tools, and a curated selection of learning assets ensure STAAR success and deep comprehension for all students.

#### **Formative Assessment Tools**

- Chapter pre-tests are available online to kick off lessons by evaluating current student understanding.
- TEKS Refresh allows you to assign students LearnSmart problems to help close foundational knowledge gaps.
- Throughout the Student's Edition, Talk About It, Investigation Connections, and Read the Visual Literacy questions provide guidance to help you track student comprehension.
- Kahoot! uses fun, game-show-like guizzes to help students review important material in an engaging way.

![](_page_15_Picture_12.jpeg)

LearnSmart for the new TEKS gives students a chance to take learning into their own hands while granting you insight into their knowledge and abilities (Grades 3-5).

![](_page_15_Picture_14.jpeg)

#### Summative Assessment Tools

- at the end of every lesson to assess understanding-available in print and digital formats.
- The Am I Ready? Routine gives students the tools to check their own understanding as they prepare for upcoming tests.
- The TEKS Assessment Guide provides STAAR-aligned assessment questions to prepare students for the end-of-course exam.
- Chapter tests are available for assignment online, as are chapter review assignments to help students prepare.
- **STEM Projects** allow students to demonstrate their understanding through creative, hands-on applications of the material.

![](_page_15_Picture_21.jpeg)

**Tech-enhanced Questions** 

**TEKS Refresh** 

Quick Checks and Essential Question Check-Ins serve as exit tickets that guiz students

$^{\circ}$	Am I Ready? Assessment Routine
Get r activ	eady for the Lesson Review. Complete these ities. Check them off as you go!
	Interactive Word Wall Review your vocabulary words and their connections. Can you use each word in a sentence? Can you explain each word to a partner?
	Claim, Evidence, Reasoning How did the lesson activities help you write your claim, cite evidence, and support your claim with reasoning?
	PAGE KEELEY SCIENCE PROBES note on the probe to show how your thinking has changed.
	Review your work. Can you answer the Essential Question?
	Rate Your Understanding
	l'm l'm still l understand. l can teach confused. learning.
	0-0-0-0

Am I Ready? Routine