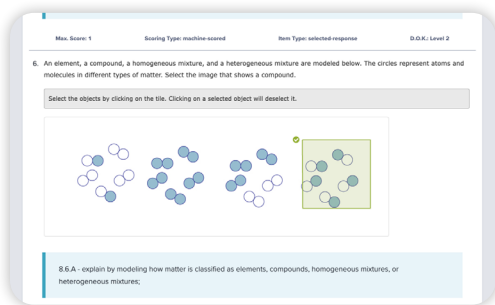
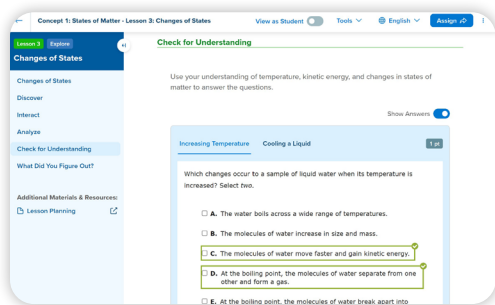


Assessments Empower Students and Support Teachers

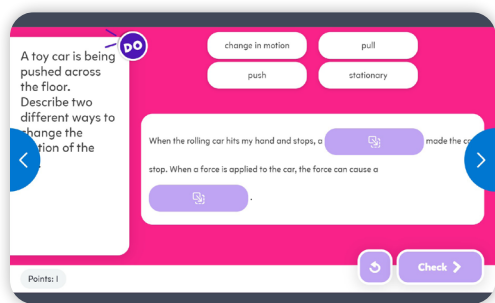
Science Techbook for Texas includes a variety of formative and summative assessments throughout the learning process, enabling teachers to help students master crucial learning objectives. With these assessments, teachers and students can track progress while gaining hands-on experience with all STAAR 2.0-like item types.



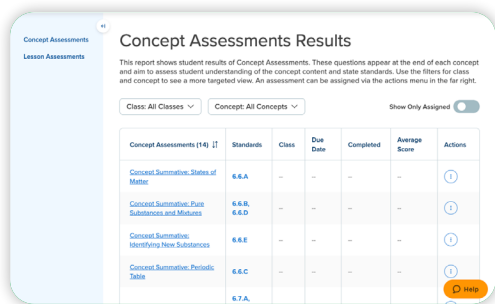
Concept Summative Assessment: Grades 3-12 incorporate TEKS-aligned Concept Summative Assessments with all STAAR 2.0 item types, including text entry, hot spot, drag and drop, multipart, multiselect, and short constructed response.



Check Your Understanding: After each lesson in grades 6-12, students take the Check Your Understanding formative assessment with questions directly tied to the lesson's standards to demonstrate their understanding.



What Did You Figure Out?: At the end of each lesson, K-12 students take this formative assessment to quickly demonstrate their understanding. See how student understanding changes as a result of the lesson activities.



Progress Monitoring: Most assessment items are machine-scored to expedite the collection, analysis, and implementation of data in the cycle of learning. Rubrics are often available at point-of-use for constructed response questions.

Concept 1: Earth Systems Lesson 4: Explaining Earth's Spheres

Criteria	Scale		
	2	1	0
On Target	states an answer to a question or scientific explanation of the phenomenon that represents the relationships between variables or components of the phenomenon	states an answer to a question or scientific explanation of the phenomenon that represents the relationships between variables or components of the phenomenon. Some scientific inaccuracies within the explanation	states an answer to a question or scientific explanation of the phenomenon that is scientifically inaccurate and not based on evidence
Claim: a testable statement or conclusion that typically answers the question	identifies valid and reliable evidence from multiple sources. May include models to	identifies evidence from only one reliable source or from unreliable sources.	only includes evidence from one or more unreliable source(s)
Evidence: scientific data that support the claim, consisting			

Scientific Explanation: Each Concept begins with a real-world phenomenon, such as images, videos, activity, or authentic data, which motivates students to construct a scientific explanation using the Claim-Evidence-Reasoning framework. Students engage in evidence-based writing while developing their explanations.

Explore


Phenomenon Check-In

Now that you have explored seasons, revisit the questions you and your classmates came up with on the Student Question Board.

Revisit Your Questions Answer your questions based on what you have learned about seasons in the previous lessons.

Phenomenon Check-In: Repeated Phenomenon Check-Ins reiterate the driving question from the Engage phase, encouraging students to reflect on how their observations and findings help them understand the phenomenon.

Concept 1: Classifying Matter Lesson 2: Investigating Matter with Slime



Slime

In this lesson, you will investigate how matter, such as slime, can be classified based on its macroscopic and molecular properties.

Predict

Before you begin the investigation, make a prediction.

Hands-on Activities: Students demonstrate the integration of scientific concepts and scientific and engineering practices with recurring themes while completing hands-on activities. Students act like scientists through data analysis while completing these labs and activities.

Choose a way to show what you have learned.

Record It! Perform It! Find It!

What Did You Learn?: Elementary students answer three questions aligned with the concept objectives and can choose to *Record*, *Perform*, or *Find Answers*. This fosters student independence, creativity, and engagement.

Builder Tools

Assessment Manager

Assessment Builder

Title: Grade 7... Period 2 Science

Instructions: Please complete this assessment on your own.

Results by Concept

Particles in States of Matter (9 items)

Filtered Item Types... Filtered Categories... Filter by Keyword Apply Reset

Results 1-5 of 19

Design Customized Assessments: DE features like Assessment Builder and Studio give teachers the flexibility to create their own assessment questions and customized assessments to best meet their students' needs.