**SCIENCE TECHBOOK™ FOR FLORIDA**

EDUCATION

Assessments Empower 6-8 Students and Support Teachers

Science Techbook for Florida includes a variety of formative and summative assessments throughout the learning process, enabling teachers to help middle school students master crucial learning objectives. With these assessments, teachers and students can track progress while gaining hands-on experience with items aligned with the Florida State Academic Standards for Science.
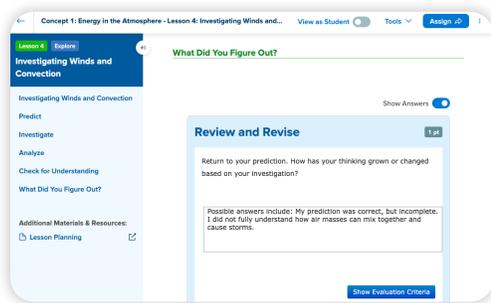

What Did You Figure Out?

At the end of each lesson, this formative assessment provides an opportunity for students to synthesize, reflect on, and apply their learning.
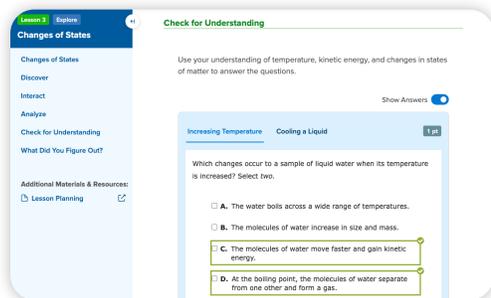

Check for Understanding

After students have developed the targeted science ideas, these formative items quickly assess mastery of the learning objectives. Within the analyze section, find a discussion and constructed-response item with a rubric that can be used to assess student progress.
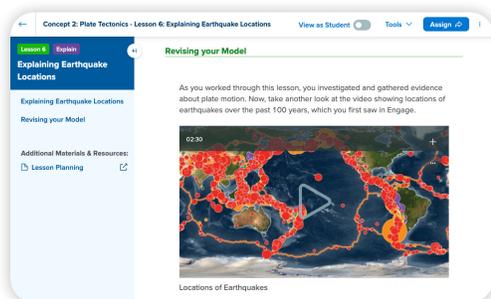

Scientific Explanation

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.
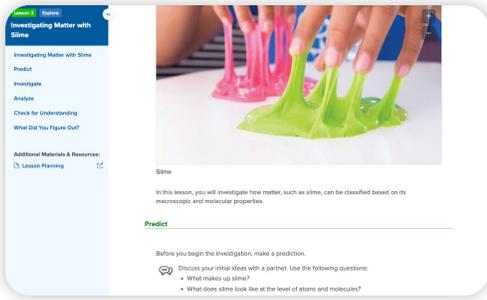
Hands-on Activities

Hands-on activities allow students to demonstrate the integration of scientific bodies of knowledge, including Nature of Science. Students act like scientists through data analysis while completing these labs and activities.
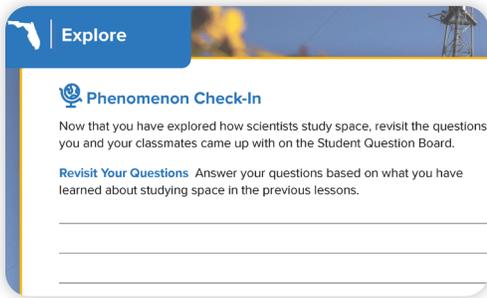
Phenomenon Check-In

Students think about how their observations and findings support their understanding of phenomena while completing Phenomenon-Check-Ins. Using what they've learned, students answer questions and revise their models and explanations.
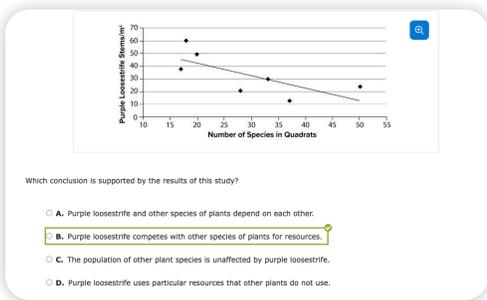

Concept Summative Assessment

Wrap up each Concept with a Concept Summative Assessment, which features digital questions aligned to the test-item specs from the Statewide Science Assessment. Questions span different depths of knowledge and cognitive complexities to measure student learning. Most questions in this digital assessment are machine-scored, allowing teachers to quickly make data-driven instructional decisions.

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.
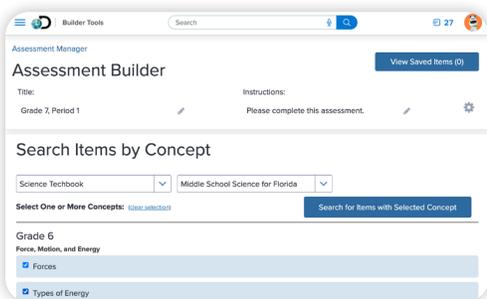
Design Customized Assessments

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.