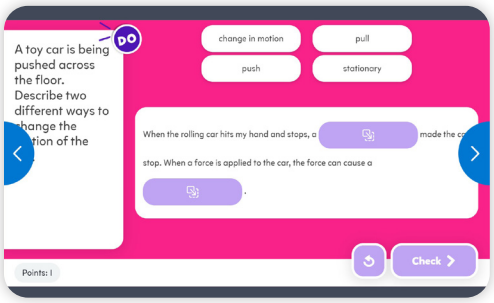
EDUCATION | SCIENCE TECHBOOK™ FOR FLORIDA

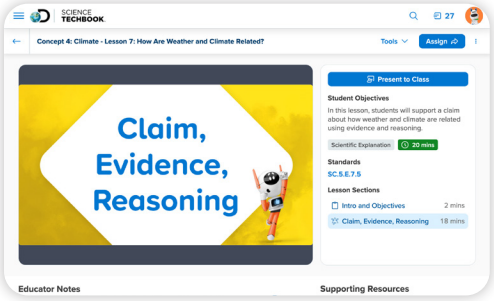
Assessments Empower K-5 Students and Support Teachers

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



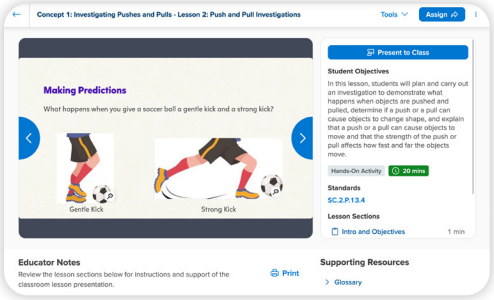
What Did You Figure Out?

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



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. This process is scaffolded across grade bands to support elementary students as they learn to communicate like scientists.



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.

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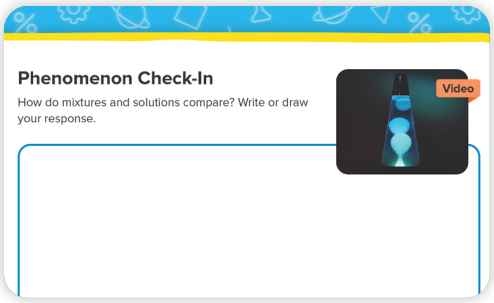
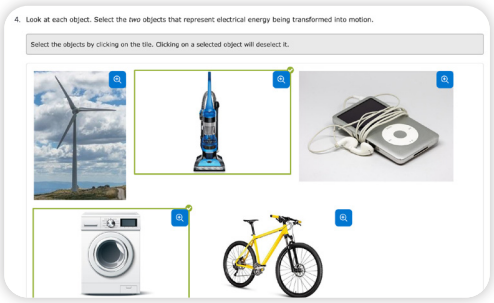


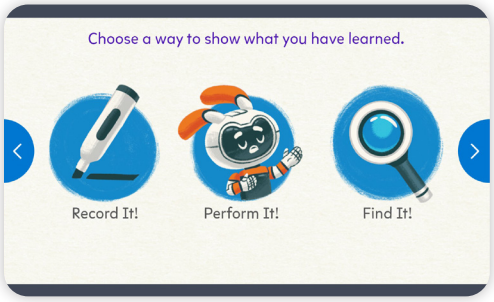
Phenomenon Check-In

Phenomenon Check-Ins are included at the end of every Hands-on activity and allow for another formative check of student sensemaking.



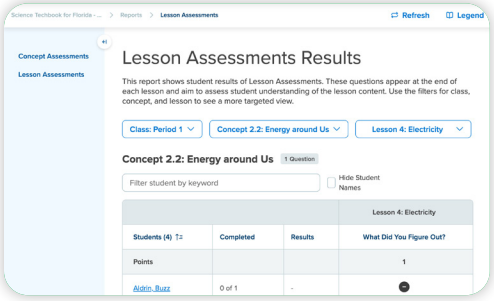
Concept Summative Assessment

Wrap up each Concept in grades 3-5 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.



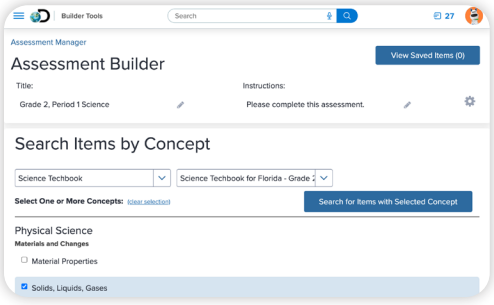
What Did You Learn?

Elementary students answer three questions aligned with big ideas from the Concept and and can choose to *Record*, *Perform*, or *Find Answers*. This fosters student independence, creativity, and engagement.



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.

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