



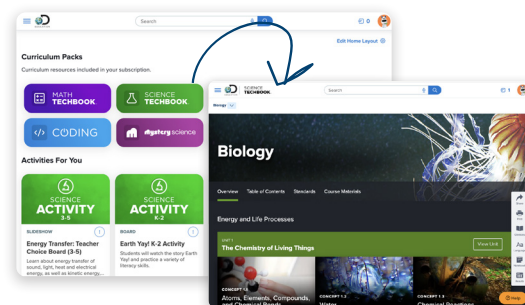
SCIENCE TECHBOOK FOR HIGH SCHOOL

Quick Start Guide

Welcome to Discovery Education *Science Techbook*. This Quick Start Guide will help with your review of Biology, Chemistry, Earth and Space Science, and Physics.

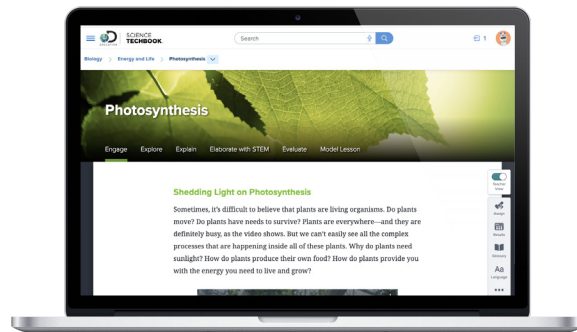
1 Launch *Science Techbook*

Select the *Science Techbook* tile from the Curriculum Packs section of your My DE homepage. Use the dropdown at the top to select a subject, then choose a Unit to explore.



2 Get Familiar with the Program

Science Techbook uses phenomena-driven questions as catalysts for the discovery process, triggering students' natural sense of curiosity. High school programs are organized into Units and Concepts that guide inquiry through the 5E model of instruction.



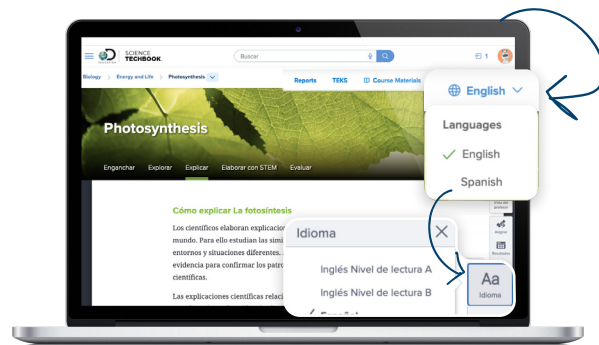
Course > Unit > Concept

3 Navigate the Tools

Use the toolbar on the right to change from English to Spanish, adjust the Lexile of specific lessons, access assessment reports, launch the interactive glossary, print pages, and more. Navigate to other Units using the drop-down menu in the top left.



Helpful Hint: At any point, you can return to the Orientation Homepage by selecting the “D” in the upper left corner of the screen.

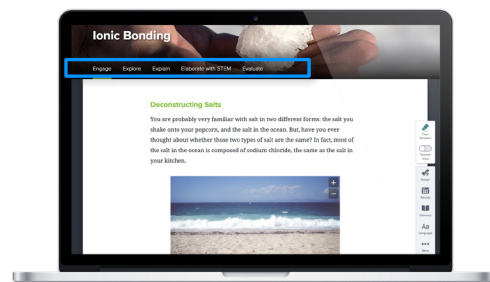


Course > Unit > Concept

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Investigate Phenomena

Active investigation of phenomena through questioning, modeling, data collection, and analysis allows students to generate evidence of sensemaking. In the **Engage tab**, students are introduced to the science concept using an Investigative Phenomenon. In the **Explore** lessons, students engage with the core interactive text, videos, reading passages, hands-on activities, and simulations to deepen their understanding. Preview lessons from the **Explore tab** to see how students apply the steps of the engineering design process to solve real-world problems.

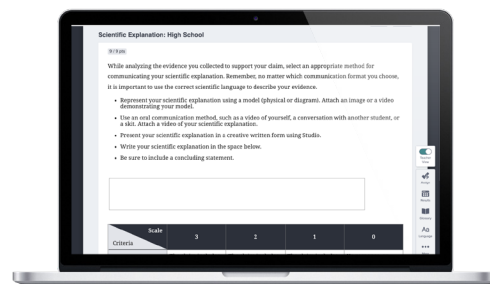


Course > Unit > Concept

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Demonstrate and Take Ownership

In the **Explain tab**, using the Claim, Evidence, and Reasoning (CER), framework, students construct formal explanations to demonstrate understanding of the phenomenon from Engage. **Elaborate** activities, including STEM Project Starters and STEM in Action, encourage learners to expand on the concepts learned, make connections to other related concepts, and apply their understandings to the world around them.

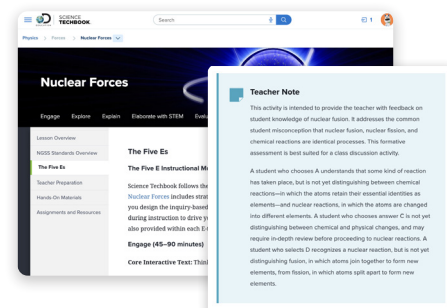


Course > Unit > Concept > Lesson

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Access Educator Supports

In addition to embedded teacher notes throughout the student lessons, teachers have access to the **Model Lessons**. This section includes learning standards, lesson overview and objectives, lesson support, teacher preparation, materials lists, and more.



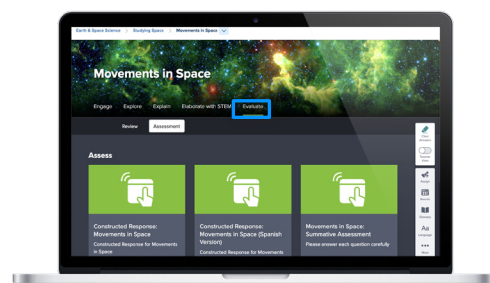
Course > Unit > Concept > Model Lesson

7

Investigate the Assessments

Formative and **Summative** assessments are located throughout the lessons to measure student mastery. Practice assessments and Summative assessments are accessible on the Evaluate Tab or through the Course Assessments Dashboard.

Once students have completed all of the Concepts within the Unit, assign Unit Assessments from either the Assessment Dashboard or the Unit Assessment and Resources tab.



Course > Unit > Concept > Evaluate

8

Review Results and Progress

Monitor a student's progress throughout the course with a variety of multi-modal assessments that provide data and analytics on progression. Access formative and summative assessment data by selecting Results in the right-hand side toolbar to access the dashboards.

