SCIENCE

EDUCATION

High School
West Virginia

Quick Start Guide

SCIENCE
EDUCATION

DiscoveryEducation.com/West-Virginia/Reviewers

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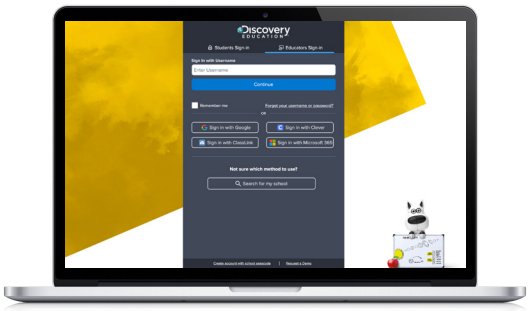
Discovery Education *Science Techbook* is a world-class digital curriculum solution offering courses in Biology, Chemistry, Physics, and Earth and Space Science. Built on a dynamic daily learning platform, *Science Techbook* offers award-winning teaching and learning resources, collaboration and creation tools, and on-demand professional learning. This guide will walk you through quick navigation steps to support your preview.

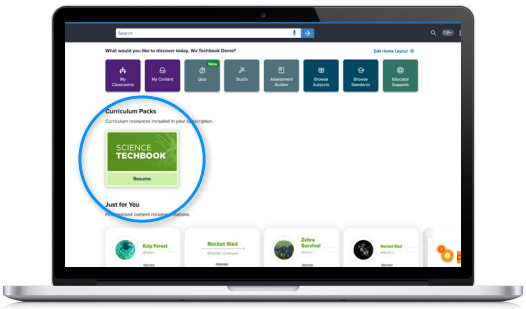
1 **Log In** to Discovery Education

Go to **DiscoveryEducation.com** and click the log-in button at the top of the screen. Enter your credentials to start exploring the tools and resources to engage students, track progress, and additional content to enhance your *Science Techbook* curriculum.



2 **Select** *Science Techbook*

Once inside, scroll down to locate the *Science Techbook* tile under Curriculum Packs.



3 **Select** a Course

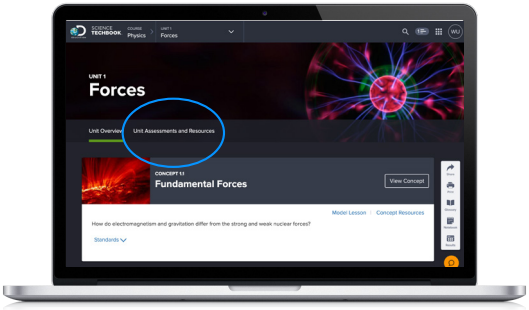
Choose your course from the drop-down menu at the top of the screen.

Choose the unit the Unit you wish to review.

Physics Course View

4 **Select** a Unit

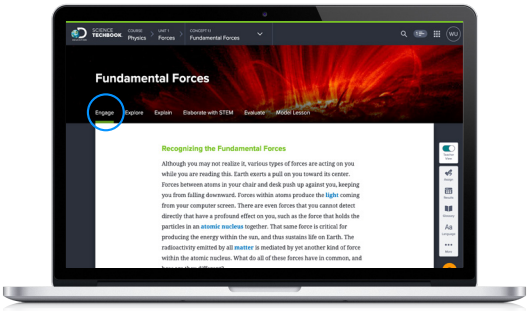
Here you will find unit concepts, model lessons, resources, and unit-level assessments.



Unit Overview

5 **Select** a Concept and **Engage** with Investigative Phenomena

Choose a Unit Concept and view the 5E lesson cycle across the top. In the Engage tab, students will be introduced to the science concept using Investigative Phenomena.

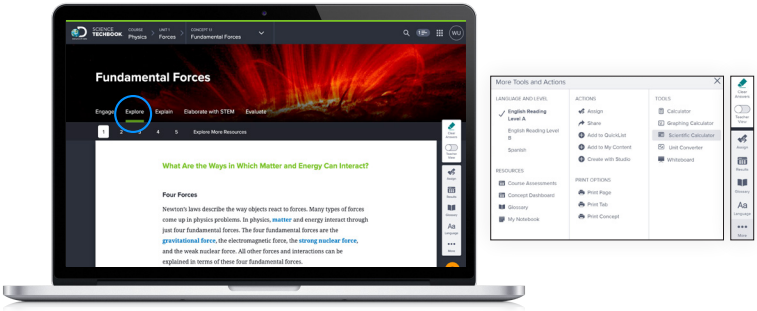


Concept 1.1, Engage

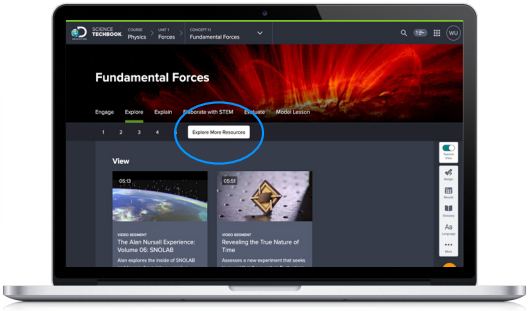
6 **Explore** the Concept

The Explore tab provides core interactive text that features multiple differentiation options in the right-hand toolbar, including text size, Lexile reading levels, and a toggle to authentically translated Spanish. Other tools include text-to-speech, highlighting capabilities, translation options for 90+ languages, a science glossary, a digital student notebook, and graphic calculator powered by Desmos™.

The Explore More Resources section contains videos, reading passages, hands-on activities, and simulations to deepen student understanding.



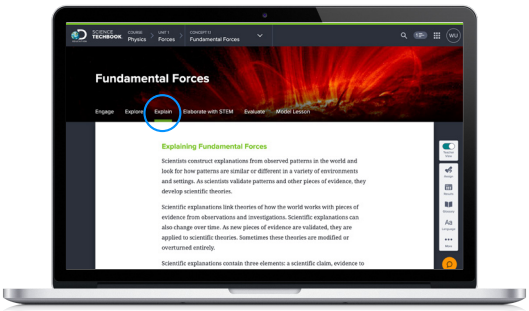
Concept 1.1, Explore



Explore More Resources

7 **Explain** with Evidence

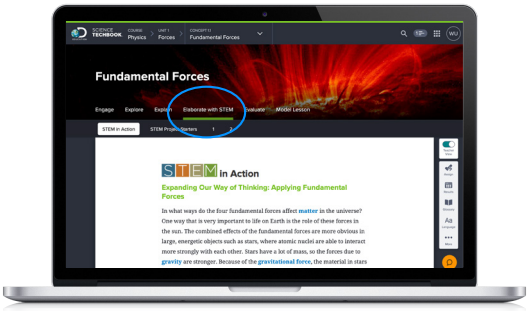
The Explain tab lets students communicate the self-constructed scientific explanations they developed through the Explore tab. Students can represent their learning in multiple ways, such as uploading media and ideas through the collaborative Studio tool, which allows students to express themselves using different modalities.



Concept 1.1, Explain

8 **Elaborate** with STEM Tab

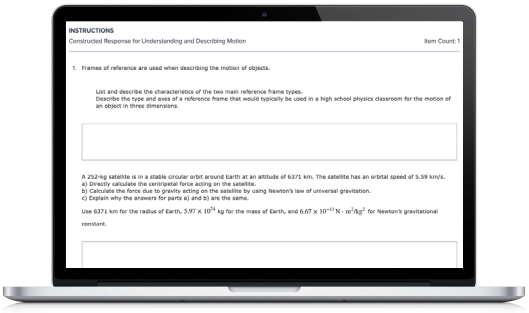
The Elaborate with STEM tab provides students with a STEM in Action section that connects real-world career opportunities related to the science content. STEM Project Starters allow extensions for learning and student collaboration. Students are presented with authentic problems that connect science, technology, engineering, and mathematics and are expected to research and design solutions.



STEM in Action

9 **Evaluate** Understanding

The Evaluate tab provides review resources and multiple options for summative assessment, including brief and extended constructed response items and multiple choice questions. Available in English and Spanish.



Constructed Response Assessment

Concept Summative Assessment

10 **Model Lessons** and Teacher Notes

The Model Lesson tab provides curriculum alignment information, full lesson plans, common misconceptions, content background for the teacher, tips for differentiation, lists of required hands-on materials, and more.

To explore professional learning resources, ready-to-use lessons, instructional strategies covering topics such as SEL, ELL, and STEM, and inspiration from educators in the Discovery Education Network (DEN), visit the Educator Supports channel within the platform.