

Grade 7 STUDENT EDITION – Discovery Education



Begin Here: Please watch this 7-minute <u>Science Techbook Overview</u> video as you begin your review.

Unit 4 Sustaining Ecosystems SE page 244

Concept 4.1 Mass Wasting SE page 250



Unit Anchor Phenomenon: Mega-Landslides

Real world phenomena are introduced through up-to-date images, videos, subjects, and situations. Here, students will investigate the ways in which natural disasters, human activity, and ecosystems are intertwined to explain events like mega-landslides, how they are related to natural events and human activity, and how they impact ecosystems.



Investigative Phenomenon: Deadly Mudslides in California

In order to support student inquiry and get them thinking like a scientist, students ask questions to seek additional information after careful observations of mudslides in California.



Formative Assessment: What is Gravity?

Students use evidence from text to communicate the phenomenon of creep using a model. 3D questioning provides scaffolding up to the summative performance assessments.



Hands on Activity: Investigating Landslides

Students communicate prior knowledge about how erosion and weathering move matter. Detailed Teacher Guides and pre-packaged hands-on kits included.



Claim, Evidence, Reasoning: Deadly Mudslides in California

Students return to the initial *Can You Explain Question* and investigative phenomenon to generate a written response using claim, evidence, and reasoning related to potential solutions for minimizing the impact of cattle on the environment. Students will learn to use evidence as a natural part of writing like a scientist.



STEM Project: Mega-Landslides, People, and Ecosystems

The Unit Project allows students to return to the anchor phenomenon for the unit, Mega-Landslides, and apply the performance expectations for the unit to solve or research a problem. In this project, students learn about megalandslides, including their triggers, their impacts, and some potential remedies. Specifically, they will explain how landslides affect the local ecosystem and how to remedy them.

Examples of Additional Concept Features available ONLINE (Not in Print) Beyond - The Beyond section includes additional resources related to the concept including additional readings, hands on activities, and interactives. You may use these resources for remediation, extension, or differentiation, depending on the needs of your students. You will find even more resources through Search. <u>Beyond Resources Mass Wasting</u>

Science Content Channels - Access Discovery Education's featured resources in the <u>curated collection of Science channels</u>. No matter what science topics you're teaching, you'll find videos, interactives, and instructional activities to design engaging lessons.

