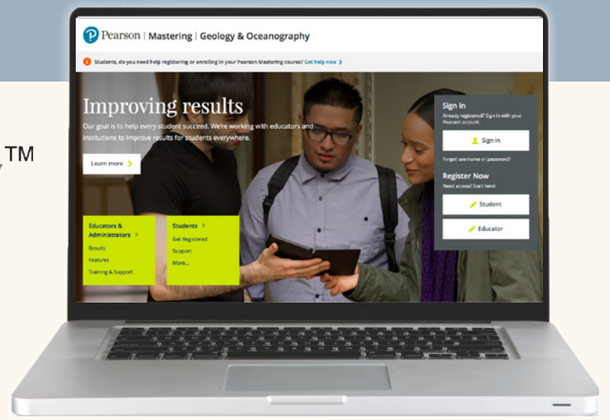
MasteringGeology™

Designed with the single purpose of helping your students reach more moments of true understanding that lead to better results.



The Mastering platform is the most effective and widely used online homework, coaching activities, and assessment system. It delivers self-paced tutorials that focus on your course objectives, provide individualized coaching, and respond to each student's progress. The Mastering system helps teachers maximize class time with easy-to-assign, customizable, and automatically graded assessments that motivate students to learn.

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Essentials of Geology Program Components	
Student Edition (HS Binding) + MasteringGeology with Pearson eText (up to 6-years)	9780134663494
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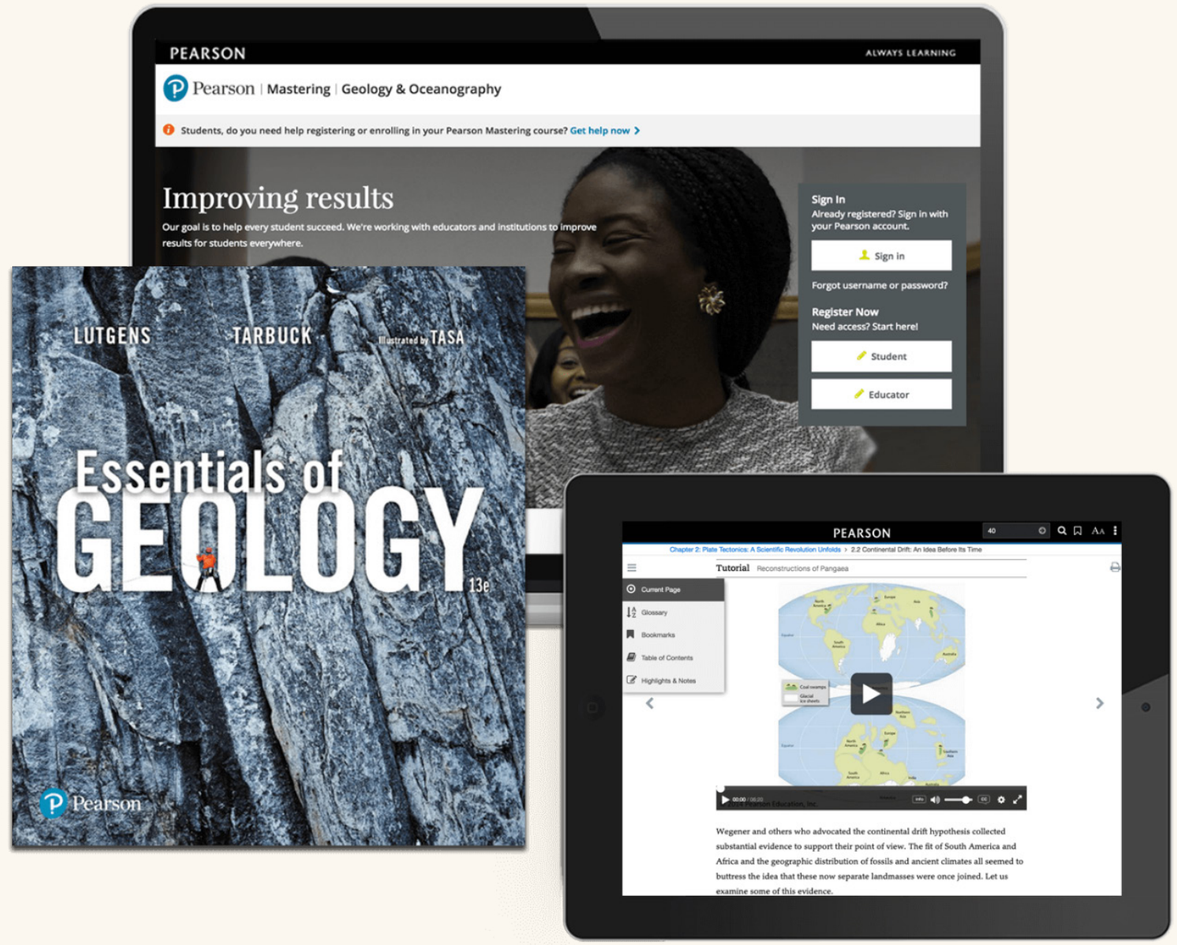
with MasteringGeology with Pearson eText

Lutgens et al.



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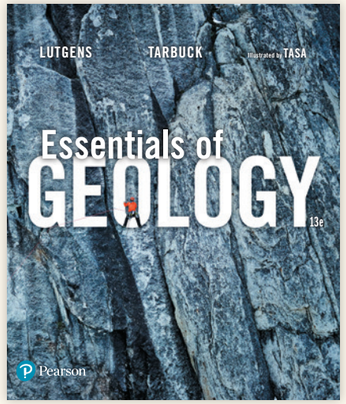


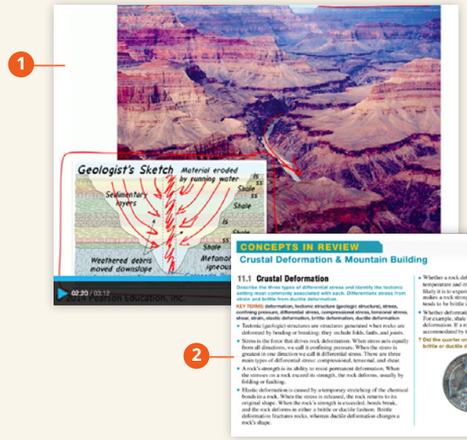
Using dynamic media to bring geology to life

From the renowned Lutgens/Tarbuck/Tasa team, the **13th Edition** of ***Essentials of Geology*** continues to elevate the text's readability, illustrations, focus on basic principles, and instructor flexibility. This edition incorporates a structured learning path and reliable, consistent framework for mastering the chapter concepts. With a fully integrated mobile media program that includes new Mobile Field Trip and Project Condor quadcopter videos as well as new animations and videos, this edition provides a unique, interactive, and engaging learning experience for your students.

Straight From the Headlines

NEW & UPDATED | Geology topics pulled straight from the headlines, including the treatment of energy resources, the 2015 Nepal earthquake, the 2013 Bingham Canyon Copper Mine landslide, vanishing wetlands, the impact of prolonged drought on groundwater resources, Superstorm Sandy, the USGS Community Internet Intensity Map project, rising CO2 levels, global climate change, and much more, keep students up-to-date with the latest geologic events.

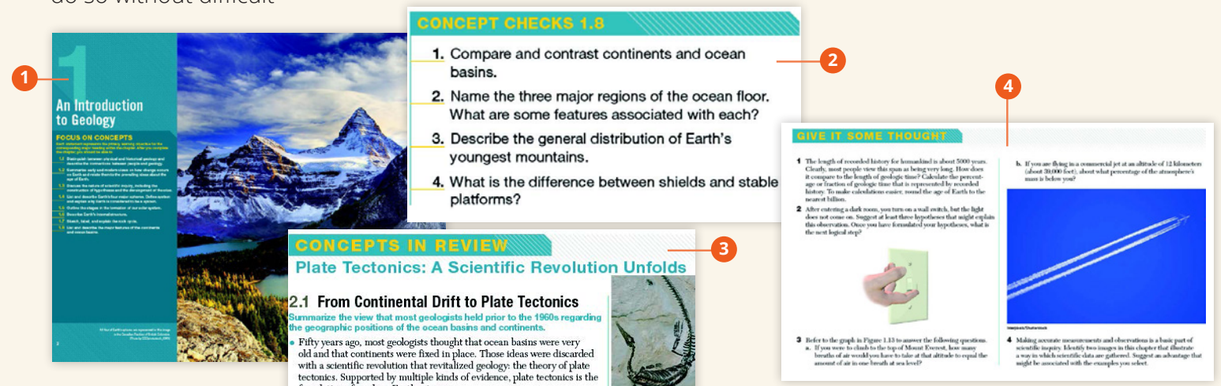
Dynamic Art Program



(1) Illustrations by Dennis Tasa, a gifted artist and respected geoscience illustrator, provide a dynamic visual story of geology. Cutting edge photorealism and photo comparisons guide students more clearly than ever before. **(2) Geologist Sketches** are incorporated into the text's visual program, with photographs side-by-side hand "sketch" versions of the same image. This visual feature encourages students to see the world through the eyes of a professional geologist.

Active Learning Path

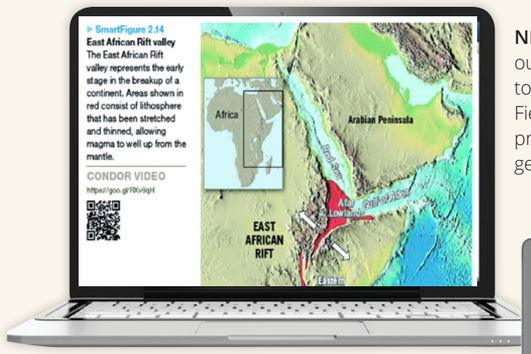
Most chapters have been designed to be self-contained so that materials may be taught in a different sequence, according to the preference of the instructor or the needs of the laboratory. Thus, an instructor who wishes to discuss erosional processes prior to earthquakes, plate tectonics, and mountain building may do so without difficult



A four-part learning path facilitates active learning, allowing students to focus on important ideas and pause to assess their progress at frequent intervals: **(1) Focus on Concepts** are numbered learning objectives that correspond to each major section of the chapter. **(2) Concept Checks** allow students to monitor their understanding of significant facts and ideas within each chapter. **(3) Concepts in Review** provide a concise overview of key ideas by using photos, diagrams, and questions that test students' understanding of core concepts. **(4) Give It Some Thought** questions and problems, relating back to each chapter's learning objectives, challenge students by involving them in activities that require higher-order thinking skills.

Bring Field Experience to Students' Fingertips...

Teachers can incorporate dynamic media into lecture, such as Videos, MapMaster Interactive Maps, and Geoscience Animations.



NEW! QR Codes link out to SmartFigures Quick Response (QR) codes link out to over 200 videos and animations, giving readers immediate access to five types of dynamic media: Project Condor Quadcopter Videos, Mobile Field Trips, Tutorials, Animations, and Videos to help visualize physical processes and concepts. SmartFigures extend the print book to bring geology to life.

NEW! SmartFigure: Project Condor Quadcopter Videos Bringing Physical Geology to life for geology students, three geologists, using a quadcopter-mounted GoPro camera, have ventured into the field to film 10 key geologic locations and processes.

To learn more about this program including components and MasteringGeology with Pearson eText, visit www.PearsonSchool.com/Advanced