

**NEW**

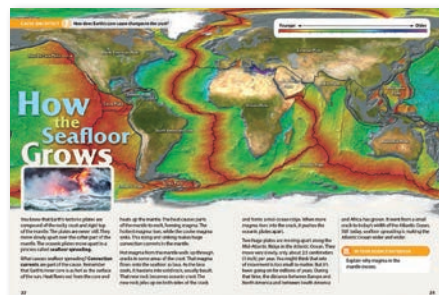
FROM DELTA EDUCATION FOR GRADES 3-5

# Scienceflex™

CONNECTS HANDS-ON SCIENCE AND ACTIVE LITERACY

Our planet might seem like it never changes, but that's hardly the case. Even in our short lifetimes, volcanoes build new islands, earthquakes tear apart the landscape, and the seafloor slowly creeps toward a new beginning. Guide students through an exciting exploration of forces within Earth wrapped up in 5E lesson plans where students investigate through active learning, then apply their new knowledge to the challenges of living on the Ring of Fire.

Leveled Readers are available in four Lexile Measures, distinguished by a color key on the back of each reader.



**Four Lexile® Measure Ranges**

**BLUE** LEXILE RANGE 900-1050

**PURPLE** LEXILE RANGE 750-900

**RED** LEXILE RANGE 600-750

**YELLOW** LEXILE RANGE 450-600

ScienceFLEX has topic-based modules spanning life, earth and physical sciences and is designed to fit your standards, your way. To learn more or order, contact a sales representative.

## DRIVING QUESTION – How do processes deep inside Earth cause the landforms and movements of Earth’s crust?

### ANCHOR PHENOMENON – Tectonic processes that shape Earth.

	INVESTIGATIVE PHENOMENA – FOCUS QUESTIONS	REAL-WORLD PHENOMENA
<b>LESSON 1</b> <b>Earth’s Layers</b>	How are the layers that make up Earth different?	<ul style="list-style-type: none"> <li>• Interactions of Earth’s layers</li> <li>• Kola Superdeep Borehole</li> </ul>
<b>LESSON 2</b> <b>Continental and Oceanic Crust</b>	How are continental and oceanic crust alike and different?	<ul style="list-style-type: none"> <li>• Landforms of continental crust and oceanic crust</li> </ul>
<b>LESSON 3</b> <b>Tectonic Plates in Motion</b>	Why have the position of Earth’s continents changed over time?	<ul style="list-style-type: none"> <li>• Movement of Earth’s tectonic plates</li> </ul>
<b>LESSON 4</b> <b>Seafloor Spreading</b>	How do convection currents and seafloor spreading affect Earth’s crust?	<ul style="list-style-type: none"> <li>• Convection currents</li> <li>• Seafloor spreading</li> <li>• Mid-Atlantic ridge</li> </ul>
<b>LESSON 5</b> <b>When Plates Collide</b>	What happens when tectonic plates collide?	<ul style="list-style-type: none"> <li>• Subduction</li> <li>• Mountain building</li> </ul>
<b>LESSON 6</b> <b>Volcanoes</b>	How do volcanoes form and erupt?	<ul style="list-style-type: none"> <li>• Volcanic formation and eruption</li> <li>• Lava flows</li> </ul>
<b>LESSON 7</b> <b>Earthquakes</b>	What causes earthquakes and what are their effects?	<ul style="list-style-type: none"> <li>• Earthquake and aftershocks</li> <li>• Earthquake damage</li> </ul>
<b>LESSON 8</b> <b>Earth’s Ring of Fire</b>	Why are earthquakes and volcanoes common around the Pacific Rim?	<ul style="list-style-type: none"> <li>• Location of volcanoes and earthquakes</li> <li>• Warning systems</li> </ul>



PART NUMBER	PRODUCT	PRICE
2002010	<b>Our Active Earth Kit</b> Includes a Teacher Guide, 1 of each color Reader, 1 Science Notebook; equipment to support 8 groups for 3 uses; 1 set Word Wall Cards; online access to curiosityplace.com	\$639.00
2013986	<b>Refill Kit</b>	\$179.00
2002018	<b>Teacher Guide</b>	\$79.00
2002005	<b>Reader Sample Pack</b> Includes 1 of each color Reader	\$23.80
2002012	<b>Blue Reader Pack of 4</b>	\$23.80
2002013	<b>Purple Reader Pack of 4</b>	\$23.80
2002021	<b>Red Reader Pack of 4</b>	\$23.80
2002012	<b>Yellow Reader Pack of 4</b>	\$23.80
2002029	<b>Science Notebook Pack of 4</b>	\$11.96