Dog-Eared Publications DRAFT Correlation to the National Science Education Standards: Level 5–8

Title: Discovering Earthquakes

Page 1 of 2

Suitable for grades 3 to 6 (adaptable to other grades)

Correlation to 5–8 Content Standards

+ = outstanding
✓ = adequate
❍ = marginal

		Unifying Concepts & Processes					Science As Inquiry		Physical Science			Life Science					Earth & Space Science			Science & Techno-logy		Science In Personal & Social Perspectives					History of Nature & Science		
	Page Number	Systems, Order, & Organization	Evidence, Models, & Explanation	Change, Constancy, and Measurement	Evolution & Equilibrium	Form & Function	Abilities Necessary to do Scientific Inquiry	Understandings about Scientific Inquiry	Properties & Changes of Properties in Matter	Motions & Forces	Transfer of Energy	Structure & Function in Living Systems	Reproduction & Heredity	Regulation & Behavior	Populations & Ecosystem	Diversity & Adaptations of Organisms	Structure of the Earthl	Earth's History	Earth in the Solar System	Abilities of Technological Design	Understandings about Science & Technology	Personal Health	Populations, Resources & Environments	Natural Hazards	Risks & Benefits	Science & Technology in Society	Science as a Human Endeavor	Nature of Science	History of Science
Earthquakes Happen	2-3			❍			✓	✓																✓	❍	✓	✓	✓	
A Long Time Ago...	4-5																												
Solving the Mystery	6-7	✓	✓	✓			✓	✓	+								+			+	✓						✓	+	
A Closer Look	8-9	✓	+	+	✓		✓	✓									+							✓					
All Cracked Up	10-11	✓	+														✓												
Plates on the Move	12-13	✓	✓	✓	✓	✓	✓	✓		✓							+	✓						✓		✓	✓	✓	✓
Stretch & Snap	14-15	✓	✓	✓			✓	✓		✓																✓	✓	✓	✓
Seismologist's Lab	16-17	✓	✓	✓			✓		+												✓					✓	✓	✓	
How Big Was It?	18-19	✓	✓				✓	❍			✓							✓			✓				✓	✓	✓	✓	✓
Safe or Unsafe?	20		✓																	✓									
Earthquake Safety Cop	21-23		+																	✓				+	+	+			
How Can We Make...?	24-25		+																	+	✓				✓	✓			
Be an Engineer	26		+	✓	+					✓	✓									+	✓								
What should you do?	27																			❍					✓				
Disastrous Outcomes	28-29	✓	+	✓			+	❍										✓							+				
Globehopping	30-31																	✓						✓					

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Mystery of Peaceful Cove 32-33	32-33		✓	✓	✓		✓	✓									✓							✓			✓		
Can We Predict?	34		✓	✓																	✓			✓		+	✓	+	
Strange Animal Behavior	35		❍											❍															
Can Earthquakes Happen?	36-37		✓	✓	✓		✓	✓										✓						✓	✓	✓			
My Earthquake Plan	38																												
Crossing Quake Country	39																												