Title: Discovering Volcanoes

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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 Earth	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
The Inside Story	2		+														+												
How is Earth's Mantle?	3						+										✓												
Moving Mantle, Bumping Plates	4-5																+												
Volcano Riddle	6						✓										✓												
Look Inside A Volcano	7																+												
What's the Difference?	8								+								✓												
Ropes, Pillows and Clinkers	9								+								❍												
Flying Saucers	10	❍	❍				❍		+								❍												
Boom! A Volcano Game	11-13																												
Ring of Fire	14				❍																								
The Cascade Mountains	15																												
Mount Rainier Mudflows	16				❍																								
Crater Lake Loses Its Top	17				✓																								
Mount Baker is Fuming	18																												
Mount Hood Playground	19																												
Mount St. Helens Erupts	20				❍																								

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

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Blanket of Ash	21																												
Mountain on the Rise	22																												
East of the Cascades	23				❍																								
Craters of the Moon	24				❍																								
Lava Beds National Monument	25				❍																								
Volcanic Activity - Helpful or Harmful	26-27	❍	+				+																	✓	+				
Scientists Study Return of Life	28				❍			❍						❍			✓												
Scientists and Their Machines	29							✓																					
Be a Scientist - Experiment	30							✓																					
How to Build a Volcano	31							❍																					
Tunnel to the Mantle of the Earth	32																												