

Books

Devastation: The World's Worst Natural Disasters, Newson, Lesley. 1998. 159p.DK. \$24.95. 0-7894-3518-7. Hardcover.

Natural disasters in words and pictures.

Volcano, Lauber, 1986

Web Sites

Volcano World: Real-time volcanic information and activity. This site includes pictures of the world's volcanoes, daily updates on activity, and teaching information.

<http://volcano.und.nodak.edu/>

Seventh-grade natural disaster project discusses volcanoes. There are 16 related Web sites.

<http://www.germantown.k12.il.us/html/volcanoes1.html>

Virtual tour of several volcanoes.

http://www.field-trips.org/tours/sci/volcano/_tourlaunch1.htm

National Science Content Standards

Content Area	Standards
Physical Science	C1
Earth Science	A1, A2, A3, A4, B1
Science and Technology	B2, B3, B4
Science in Personal & Social Perspectives	C1, D1, D2, E2, E4, E5, E7
History and Nature of Science	A1, A2, B3

Materials

Activity	Material	Amount
Pop Goes the Mountain	Metric ruler	1 per group
	Sand	per group
	Gravel	per group
	Balloons (several small)	per group
	Tape	per group
	Pin (long)	1 per group
	Box (large)	1 per group
	Colored paper	per group
	Goggles	1 per student
	Flour (optional)	per class

Volcano!

Important! To return to the lesson, **you must** select **Quit** from the File pull-down menu.

	Pepper (optional)	per class
	Spray bottles of water (optional)	per class
Toying Around with Topography	Topographic map of Mount Rainier*	1 per student
	Scissors	1 per pair
	Poster board, cardboard, construction paper, or clay	vary per pair
	Pencil or pen	1 per student
	Tracing paper (a few sheets)	per pair
	Straws	vary per pair
	Tape (masking)	per pair
	Glue	per pair
	Toothpicks	vary per pair
	Metric ruler	1 per pair
Through Thick and Thin	Water	per pair
	Corn Syrup (heavy- 100ml or more)	per pair
	Rubbing alcohol (100ml or more)	per pair
	Glycerin (100ml or more)	per pair
	Cooking oil (100ml or more)	per pair
	Graduated cylinders (100ml)	2 per pair
	Plastic beads (several, small, round)	per pair
	Stopwatch	1 per pair
	Water (warm, soapy)	per pair
	Towels (for cleanup)	per pair
Here Comes the Mud	Road map of Mount Rainier area*	1 per student
	Metric ruler	1 per student
The Fax and Nothing but the Fax	Rocks (unknown , in a box)	1 per pair
	Hand lens	1 per pair
	Tape (masking, for labels)	1 per pair
	Pen	1 per pair
Do You Tire of Fire?	Reference materials related to plate tectonics	1 per group
	Cardboard, poster board, and construction paper	1 per group
	Box	1 per group
	Scissors	1 per group
	Tape and glue	1 per group
	World map**	2 per group
	Colored pencils (2 different colors)	1 per group

Volcano!

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	Earthquakes and Volcano Coordinates sheet*	1 per group
	* denotes something is found in the student book	
	** denotes something is found in the teacher book	

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