

Volcanoes & Earthquakes

Opportunities for science:
Models of structure of earth
Plate tectonics and pressure linked to forces
Earthquake proof structures and earthquake tremor recording methods

Opportunities for Literacy:
Research volcanoes around the world
First person account of an eruption/advantages and disadvantages
Scientific explanation of how eruptions occur.

Opportunities for Music:
Stravinsky Firebird

History:
St Helen's Mount

Opportunities for PSHE:
Why would people live near a volcano?
Environmental responsibility

Opportunities for Geography : technical knowledge of cross section of earth, 'ring of fire' tectonic plates, earthquakes, dormant/active/extinct volcanoes across the world located on maps.
Effects on local people of an eruption.
North America case study: St Helen's Mount (Washington)

Computing:
E - Safety
Research and PowerPoint presentation.
Filming volcano eruption

Opportunities for RE:
North American rain dance.

Opportunities for Art:
National geographic photography
Margaret Godfrey
Landscape art

