

Volcano Webquest

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Lesson Title: Volcanoes		
School: Thomas Harrison Middle School	Grade Level: 8	
Is this a single lesson plan or a unit lesson plan? Part of a unit		
Select the primary curriculum: Science		
Target Grade Level: 8, 9		
Primary SOL: ES.8, C/T8.2		
Secondary SOL: ES.2, C/T12.3, C/T12.4		
Goal: The student will communicate information he/she learns about volcanoes via a webpage he/she constructs.		
Objectives: <ol style="list-style-type: none">1. The student will investigate and describe the geologic process of volcanism.2. The student will construct a webpage about volcanoes.		
Total Time Required to Complete Lessons:	Class Periods:4	Minutes 50
Purpose: The purpose of this lesson is to reinforce/develop web page composition skills, to cite sources of information, and to integrate content area and technology.		
Materials: Computer with a webpage composer (I suggest using Netscape Communicator, which can be downloaded for free.)		
Procedure: See the webquest at http://staff.harrisonburg.k12.va.us/~gcorder/volcano1_index.html		
Extension: Investigate volcanoes on other planets and moons (e.g., Mars, Venus, Io, etc) Investigate geothermal energy as an alternative energy source. Investigate FEMA (Federal Emergency Management Agency) Investigate the economic consequences of a major eruption.		
Class Discussion Questions: Who has visited a volcano and what was it like? Is there any danger of a volcanic eruption near our school? Do you have family or relatives living near an active or dormant volcano?		
Cautions and Concerns: Publishing student webpages on the Internet should only be done with both school and parent approval.		