

Earth's Interior: Volcano, Earthquake & Plate Tectonics

Web Quest

Standards Address: SC.D.1.4.2, SC.D1.4.3, SC.D1.4.4

Class Time: 10 class periods. Outside research (home) is encouraged.

Project due: _____

Teams will be chosen to present randomly, therefore everyone must be prepared to present on day 1. Points will be deducted from overall score for being late and unprepared.

Your team will create a web page on Earth's Interior (Chapter 22: Physical Science Textbook; sections 4-6) using a Web Quest format. You will use the class computers and the Internet to expound on information found in your textbook. You will do this by including information not listed in your textbook and by including current events happening around the world. You may also include video clips, photographs and/or links to outside sources that **support** your topic (must be school appropriate). You will also create a 3D labeled model that supports the content in your WebQuest to present on the day of your web page.

Instructions

21st Century Technology

- Log on to the Internet
- Download [template](#) from WebQuest web site: www.webquest.org
- [Webquest](#) example
- Page Breeze html editor Free [html text editor](#) for making WebQuest (use with template above)

Set up process:

Create a folder using the proper labeling format (p_ last name). Download the WebQuest template into your folder, save as a **html** file format. Open Page Breeze, then click on file, open, find the WebQuest template in your folder and click open. Now you are ready to edit your WebQuest in the html editor.

Things to remember:

- Save work to **flash drive**. Submit by end date: You may email it to Mrs. King as an **attachment**
- Each group will be graded using a rubric.
- All team members must take part in the presentation as well as research.
- Team names must be clearly listed in the heading of Webquest (first and last name)
- Research assigned topic using any outside, reputable resource. Research must be factual, **not** fiction.
- List references and citations as the last section (Credits) in *alphabetical order*

Research:

- Use the internet to gather information to make a team "WebQuest".
- Tie in vocabulary from chapter 22.4 – 22.6
- Web Quest must follow the proper layout
 - Introduction
 - Task
 - Process
 - Evaluation
 - Conclusion
 - Works Cited/ Resources
- Follow [Grading Rubric](#)
- Students should have enough information to present for at least 10 minutes
- **Presentation & 3D Model Counts as Test Grade**

Home Project Component (Due Thursday 2/12/09 as part of your [WebQuest presentation](#)): Build a 3-D model illustrating one of the topics, supporting your WebQuest. **Model** can be constructed out of clay, wood, plastic, or any other material, must be 3-D and **labeled** properly.

- Plate tectonics
- Earthquake
- Volcanoes

Lesson intended as a modification for a traditional multiple choice/ essay test incorporating 21st Century Technology.

Students who do not participate in WebQuest for any reason will be given a written test based on Chapter 22.4-22.6 in the *Physical Science: Concepts in Action* textbook to fulfill the grade requirement (100 points).

Student Presentations: WebQuest

Students: _____

Topic/Chapter _____ Lab Table: _____

Presentation Grading Rubric

Topic:	5 highest	Total
Title Page w/ group members names	5 4 3 2 1 0	
Organization	5 4 3 2 1 0	
Followed Directions	5 4 3 2 1 0	
Curriculum Alignment:		
Subject Knowledge /Content Based	5 4 3 2 1 0	
Evidence of Research	5 4 3 2 1 0	
Depth of Content	5 4 3 2 1 0	
Accuracy and Clarity of Information	5 4 3 2 1 0	
Oral Presentation – Delivery/ voice projection	5 4 3 2 1 0	
Group Participation/ Teamwork x 2	5 4 3 2 1 0	
Mechanics & Structure:		
Introduction	5 4 3 2 1 0	
Task	5 4 3 2 1 0	
Process	5 4 3 2 1 0	
Evaluation	5 4 3 2 1 0	
Conclusion	5 4 3 2 1 0	
Works Cited/ Resources	5 4 3 2 1 0	
Graphics and/or Video Support Content	5 4 3 2 1 0	
Construction & Neatness/ Uniformity	5 4 3 2 1 0	
3D Model x 2	5 4 3 2 1 0	
Labeled properly		
Total		/100

Teacher Comments: