**Earthquakes & Volcanoes PowerPoint Project**

To further explore the effects of earthquakes and volcanoes, you will be assigned a specific seismic **or** volcanic event to study, research, and format into a project. Your chosen event will be formatted into a PowerPoint presentation. Development of the presentation should be conducted outside of the classroom, however, class time may be available to research and storyboard. The following criteria must be fulfilled :

**1. Choose either a famous seismic or volcanic event to research :**

- See back side.

**2. Title Slide** : (5 Points)

- Title

- Subtitle (Catchy and descriptive)

- Include a picture.

**3. General Information**: (12 Points)

- Cite one fact for each of the following for **either** an earthquake **or** volcano :

**Earthquake** **Volcano**

1. What date did the event occur? 1. What was the year(s) of major eruptions?

2. Where was the epicenter? 2. What is the status of the volcano?

3. How far away was the quake felt? (active, dormant, extinct)

4. What plate activity caused the quake? 3. Where is it located (geographically)?

5. What was the Richter value? 4. Is it located around a boundary or hot spot?

(divergent, convergent, transform)

5. What type of volcano is it?

(shield, cinder-cone, stratovolcano)

- Include a picture

**4. Destruction**: (12 Points)

- Cite five facts pertaining to destruction

(Building Damage, Loss of Lives, Injuries, Missing People, Animal Deaths, Habitat Destruction)

- Include a picture.

**5. Event Facts**: (12 Points)

- Cite five (number-based) facts about your specific chosen event

- Include a picture.

**6. Earthquake or Volcano Facts**: (12 Points)

- Cite five (number-based) facts about **either** earthquakes **or** volcanoes

(Base this off of whichever type of plate tectonic event you chose)

- Include a picture.

**7. Video Element:** (15 Points)

- Imbed a short, informative video pertaining to your chosen event

- Imbed, do not simply hyperlink

- Video should be approximately 3 minutes in length.

**8. Literature Cited / Outline** (12 Points)

- Cite a minimum of five sources.

- Include a picture.

**9. Hints For Neatness / Organization** (10 Points)

- Storyboard your information

- Add a picture for each slide

- Use 5 dot jots per slide

- Avoid “dead space”

- Check for spelling & grammatical errors

**10. Presentation** (10 Points)

- Don’t just read the information off of slides (ELABORATE!)

**Choose a seismic event. Choose a volcanic event.**

Year Location Year Location

1556 Shensi, China 79 A.D. \*Vesuvius, Italy

1755 \*Lisbon, Portugal 1669 \*Etna, Sicily

1811-1812 \*New Madrid, Missouri 1672 Merapi, Indonesia

1886 \*Charleston, South Carolina 1707 \*Fuji, Japan

1906 \*San Francisco, California 1815 \*Tambora, Indonesia

1923 \*Tokyo, Japan 1845 Nevado del Ruiz, Colombia

1939 \*Concepcion, Chile 1877 Cotopaxi, Ecuador

1964 \*Prince William Sound, Alaska 1883 \*Krakatau, Indonesia

1985 \*Mexico City, Mexico 1902 \*Pelee, Martinique

1989 \*Loma Prieta, California 1902 Soufriere, St. Vincent

1990 Luzon, Philippines 1902 Santa Maria, Guatemala

1994 \*Northridge, California 1912 \*Katmai, Alaska

1995 Kobe, Japan 1920-1922 \*Popocatepetl, Mexico

1999 Izmut, Turkey 1934 Paricutin, Mexico

2001 Gujarat, India 1967 \*Surtsey, Iceland

2001 Puget Sound, Washington 1980 \*St. Helens, Washington

2003 Southern Iran 1983 \*Kilauea, Hawaii

2004 \*Sumatra, Indonesia 1984 \*Mauna Loa, Hawaii

2005 Kashmir, Pakistan 1991 \*Pinatubo, Philippines

2007 Offshore of Chile 2000-2001 Etna, Sicily

2008 Sichuan Province, China 2010 Eyjafjallajökull, Iceland

2010 \*Haiti 2011 \*Tohoku, Japan