

For this project you will be working in groups. You will be able to select your own group. Group sizes may range from 1 to 4 students. Once you select a group you will not be able to change your selection.

This project is focused on learning about one of the major earthquakes that have struck our planet in recent history. Below you will see a list of 20 major earthquakes; each group will focus their project on a different one of these. Once you have selected your group list their names on the sheet and bring it up to the teacher. You will then be able to select your earthquake topic.

For each earthquake project you will need to include the following:

1. Background on the location – what it was like before the earthquake
2. The details of the earthquake – date, time, specific location, strength, deaths, amount of destruction
3. You will need to do the math to convert the strength of the earthquake into tons of TNT
4. Finally you will need to tell about the recovery after the earthquake and how things are now.

Location	Date
Valdivia, Chile	May 1960
Prince William Sound, Alaska	March 1964
Sumatra, Indonesia	December 2004
Hanshin, Japan	January 1995
Los Angeles, California	January 1994
Iripina, Italy	November 1980
Loma Prieta, California	October 1989
San Francisco, California	April 1906
Shaanxi, China	January 1556
Hebei, China	July 1976
Messina, Italy	December 1908
Kanto, Japan	September 1923
Arica, Chile	August 1868
Oaxaca, Mexico	March 1787
Japan	March 2011
Christchurch, New Zealand	June 2011
Taiwan	September 1999
Haiti	January 2010

Group Members: _____

Topic: _____

Rubric:

Item	Possible Points	Points Earned
Cover	10	
Names	3	
Topic	3	
Visual Appeal	4	
Background	20	
Event	20	
Date	5	
Magnitude	5	
Lives Lost	5	
Damage Cost	5	
Math	20	
Joules	10	
TNT tons	10	
Aftermath	20	
Closing	10	
Sources	5	
Neatness	5	
Total	100	
Presentation – Extra Credit	10	
Grand Total	110	