

Rubric for Earthquake Webquest

Moment Magnitude Rating Scale	Micro Quake (magnitude less than 2.0) 1 point	Moderate Quake (magnitude between 2.0 and 4.0) 2 points	Strong Quake (magnitude between 4.0 and 8.0) 3 points	Great Quake (magnitude greater than 8.0) 4 points	S C O R E
Cooperation	Challenged to work cooperatively, follow directions and listen.	Challenged to work cooperatively. Followed directions and listened well.	Worked cooperatively. Did not follow directions or listen well.	Worked cooperatively. Followed directions and listened well.	
Task 1 Seismosurfing	Accesses internet sites not on the list provided and can state three facts that explain the differences between seismic waves.	Accesses the library internet database sites and supplies less than two facts that explain the differences between seismic waves.	Accesses the library internet database sites and can state two facts that explain the differences between seismic waves.	Accesses the library internet database sites and can state three facts that explain the differences between seismic waves.	
Task 2 Reading a Quake	Answers less than three question accurately and with details.	Answers three to four question accurately and with details.	Answers five to six question accurately and with details.	Answers the seven questions accurately and with details.	
Task 3 Locating an Epicenter	Mostly gathers, analyzes and interprets data accurately. Poorly details how to locate an epicenter.	Mostly gathers, analyzes and interprets data accurately. Details how geologists locate epicenters.	Gathers, analyzes and interprets data accurately. Mostly details how geologists locate epicenters.	Gathers, analyzes and interprets data accurately. Details how geologists locate epicenters.	
Task 4 GeoPatterns	Correctly develops a model and poorly details comparisons of the distribution of earthquakes to plate boundaries.	Correctly develops a model and somewhat details comparisons of the distribution of earthquakes to plate boundaries.	Correctly develops a model and mostly details comparisons of the distribution of earthquakes to plate boundaries.	Correctly develops a model and details comparisons of the distribution of earthquakes to plate boundaries.	
Task 5 Disappearing Waves	Poorly explains evidence for Earth's geologic layers and evaluates a model for strengths and weaknesses.	Mostly explains evidence for Earth's geologic layers and evaluates a model for strengths and weaknesses.	Somewhat explains evidence for Earth's geologic layers and evaluates a model for strengths and weaknesses.	Accurately explains evidence for Earth's geologic layers and evaluates a model for strengths and weaknesses.	
Task 6 Safety and Tomorrows Earthquakes	Paragraph contains few to no errors and provides less than six safety reasons to support the topic sentence.	Paragraph contains many errors and provides more than six safety reasons to support the topic sentence.	Paragraph contains only a few errors and provides more than six safety reasons to support the topic sentence.	Paragraph contains no errors and provides more than six safety reasons to support the topic sentence.	

Total possible points: _____ out of 24