Name(s):

Earthquake \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

|  |  |  |
| --- | --- | --- |
| Criteria | Possible Points | Points Earned |
| Name of earthquake | 5 |  |
| Country where earthquake occurred (include a map) | 5 |  |
| Name of Earth’s plate or plates that is close to the earthquake | 5 |  |
| Type of plate boundary located at your near your earthquake | 5 |  |
| Explain the interaction of the type of plate boundary located at or near your earthquake | 5 |  |
| Explain the basic driving force for plate movement | 5 |  |
| How strong was the earthquake?(Richter scale) | 5 |  |
| How much damage was caused or lives lost in the earthquake at your location? | 5 |  |
| How often do earthquakes occur here and how strong (on average) is each earthquake. | 5 |  |
| Poster is neat and organized | 5 |  |
| TOTAL | 50 |  |

Name(s):

Seafloor Spreading \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

|  |  |  |
| --- | --- | --- |
| Criteria | Possible Points | Points Earned |
| What is the history of the theory of seafloor spreading? | 5 |  |
| What is the theory of seafloor spreading? | 5 |  |
| Explain the pattern seen in the age of the seafloor on both sides of the ridge. | 5 |  |
| Explain the pattern seen in the magnetic polarity of the seafloor on both sides of the ridge. | 5 |  |
| Where on earth is the seafloor spreading? Include a diagram/drawing | 5 |  |
| Type of plate boundary located at your near your ridge | 5 |  |
| Explain the interaction of the type of plate boundary located at places where the seafloor is spreading. | 5 |  |
| Describe and draw a cross-section diagram. | 5 |  |
| List 2 major earthquakes, volcanoes, or both that occur at seafloor spreading. | 5 |  |
| Poster is neat and organized | 5 |  |
| TOTAL | 50 |  |

Volcano \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Name(s):

|  |  |  |
| --- | --- | --- |
| Criteria | Possible Points | Points Earned |
| Name of volcano | 2 |  |
| Elevation (how tall is the volcano) | 3 |  |
| Country where volcano is located (include a map) | 5 |  |
| Name of Earth’s plate or plates that surround your volcano | 3 |  |
| Type of plate boundary located at your near your volcano | 2 |  |
| Explain the interaction of the type of plate boundary located at or near your volcano | 5 |  |
| Name your volcano type (shield, cinder cone, composite) | 5 |  |
| What factors cause your volcano to erupt? | 5 |  |
| How does an eruption from your type of volcano look? | 5 |  |
| How often does it erupt? | 5 |  |
| When did it erupt and what was the damage? | 5 |  |
| Poster is neat and organized | 5 |  |
| TOTAL | 50 |  |

Tsunami \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Name(s):

|  |  |  |
| --- | --- | --- |
| Criteria | Possible Points | Points Earned |
| The name of your tsunami | 2 |  |
| The country that it is located or happened in | 3 |  |
| The city, village or town the tsunamis was closest to or happened in | 5 |  |
| The tectonic plates involved with the tsunami | 5 |  |
| Explain the interaction of the type of plate boundary located at your near the location of the tsunami (you may draw this interaction instead of words) | 5 |  |
| What’s the history of tsunamis in this area? | 5 |  |
| Describe in detail how the tsunami was created? (Earthquake, landslide, etc.) | 5 |  |
| Describe in detail what happened during the tsunami – how many people were affected, what happened to the land/cities, etc. | 5 |  |
| Because of this tsunami did anything happen in the safety preventions after it. | 5 |  |
| Draw a diagram explaining a tsunami in general. How do they work? How are they different than a regular ocean wave at the beach. | 5 |  |
| Poster is neat and organized | 5 |  |
| TOTAL | 50 |  |