

## **Earthquake**

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

## **Seafloor Spreading**

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- What is the history of the theory of seafloor spreading?
- What is the theory of seafloor spreading?
- How does seafloor spreading help support the idea that continents drift?
- Where on earth is the seafloor spreading? Include a diagram/drawing
- Type of plate boundary located at your near your earthquake
- Explain the interaction of the type of plate boundary located at places where the seafloor is spreading.
- What is the mid-Atlantic Ocean Ridge? Describe and draw a cross-section diagram.
- List 2 major earthquakes, volcanoes, or both that occur at seafloor spreading.

## **Volcano**

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- Name of volcano
- Elevation (how tall is the volcano)
- Country where volcano is located (include a map)
- Name of Earth's plate or plates that surround your volcano
- Type of plate boundary located at your near your volcano
- Explain the interaction of the type of plate boundary located at or near your volcano
- Name your volcano type (shield, cinder cone, composite)
- What factors cause your volcano to erupt?
- How does an eruption from your type of volcano look?
- How often does it erupt?
- When did it erupt and what was the damage?

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## **Tsunami**

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- The name of your tsunami
- The country that it is located or happened in
- The city, village or town the tsunamis was closest to or happened in
- The tectonic plates involved with the tsunami
- 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)
- What's the history of tsunamis in this area?
- Describe in detail how the tsunami was created? (Earthquake, landslide, etc.)
- Describe in detail what happened during the tsunami – how many people were affected, what happened to the land/cities, etc.
- Because of this tsunami did anything happen in the safety preventions after it.
- Draw a diagram explaining a tsunami in general. How do they work? How are they different than a regular ocean wave at the beach.