**Science 8 – EARTHQUAKES!**

Describing Earthquakes:

* The \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ of the earthquake is where the pressure is finally released.
* The \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ is the point on the surface ***directly*** above the focus
* Earthquakes occur at different \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_, depending on the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
* Earthquakes at the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ usually cause more damage.



Earthquakes produce \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

Types of Earthquake Waves:

* There are three types of seismic waves;
	+ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
	+ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
	+ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Seismic Waves:

Comparing how \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ travel through the Earth can tell us if the Earth is \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_, or \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

The Richter Scale

* 1 increase in magnitude = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
* A magnitude 6 earthquake is \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ more powerful than a 4.
* Since seismic waves travel at \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_, a distance-time graph can \_\_\_\_\_\_\_\_\_\_\_ where the focus was.

