Earthquake Power Point Notes

1. There are four plate boundary simulations that you are able to model on the web site. For each one, fill in the chart below.

Simulation	Type of Boundary	Type of Plates Involved	Resulting Landform/Natural Disaster
1			
2			
3			
4			

2. Looking at the diagram of the plate movement causing the 1989 quake, what type of boundary caused this quake? What kind of fault occurs here? Sketch and explain.

3. Choose 3 Earthquake photos and describe the type of damage you see.

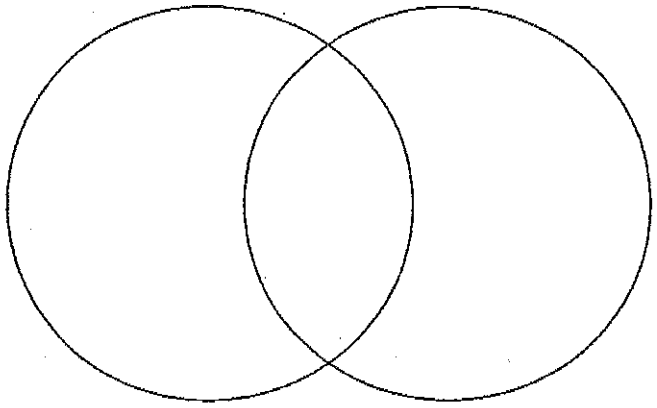
   - Photo 1:
   - Photo 2:
   - Photo 3:

4. Fill in the chart with the definitions for each of the terms:

Term	Description
Focus (Hypocenter)	
Epicenter	
Seismograph	
Seismogram	
Richter Scale	
Mercalli Scale	
Moment Magnitude Scale	

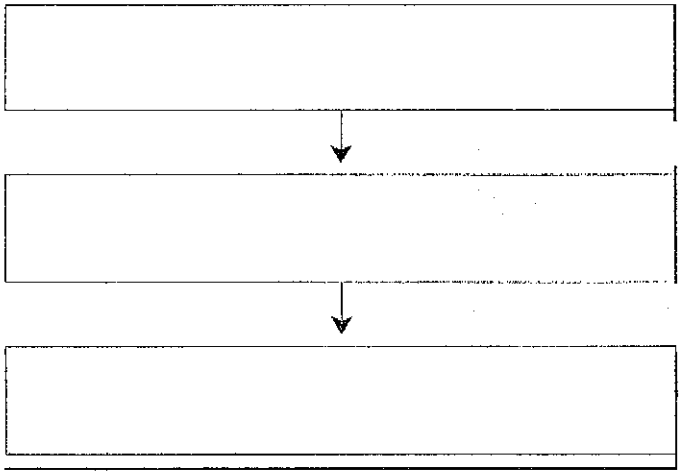
7. Describe the Triangle of Uncertainty:

8. After viewing the simulations, complete the venn diagram for earthquake P and S waves.



9. Define Surface Waves:

10. How a Seismograph Works!



11. Why do Tsunami's occur?

12. List three ways to protect a building from earthquake damage.