

Name \_\_\_\_\_  
Earth Science



Date \_\_\_\_\_  
Period \_\_\_\_\_

### Earthquake Video Worksheet

Please answer the following questions using the earthquake video – shake, shake, shake

1. What is an earthquake?
2. How does the Mad Scientist really know it is an earthquake?
3. What instrument is used to measure earthquakes?
4. What is a seismograph?
5. How did the paper (seismogram) look when there was no movement?
6. How did the paper (seismogram) look when the mad scientist shook the table and made vibrations that caused the needle of the seismograph to move?
7. What happened to the sequence of wave intensity as the mad scientist assistant jumped the first time, then a second time, and then with the mad scientist?
8. What was the name of the paper that the scientists were analyzing?



9. What scale are earthquakes measured by?

10. What type of earthquake wave comes first to the seismic station? How does it move?

11. What type of earthquake wave comes second to the seismic station? How does it move?