Bill Nye: Earthquakes

Name ______________________ Date ________ Period ___

1. Earthquakes happen when the Earth’s ______________move around.

2. The Earth’s surface is ______________ on molten rock.

3. The Earth’s surface is broken into ______________plates.

4. The cracks in the plates are called ______________.

5. Scientists measure movement of the Earth’s surface with a device called a ________________.

6. When you record the movement of the Earth’s surface on paper, it’s called a ________________.

7. When anything is heated up, the molecules move ______________.

8. Where the plates move apart, we get _________________.

9. Where the plates move together, we get _________________.

10. The center of the earthquake is the _________________.

11. Name 3 items you need in an earthquake kit.
   a. 
   b. 
   c. 

12. The ________________ ________________ is the way to compare the size of one earthquake to the size of another.

13. Each magnitude of the Richter Scale has ______ times more energy than the next smaller magnitude.