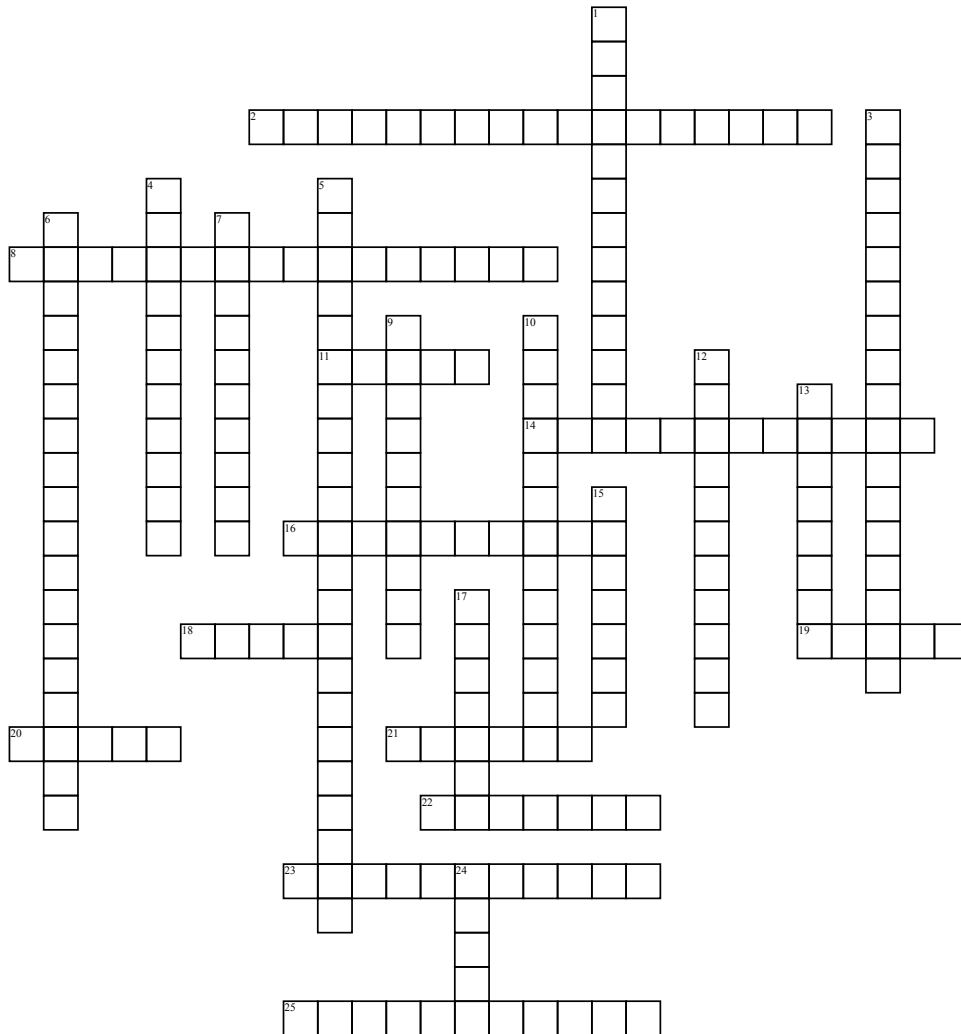


Name: \_\_\_\_\_

Date: \_\_\_\_\_

# Module 1



## Across

2. A region where crustal plates are moving apart  
 8. The thick part of the Earth's crust, not located under the ocean  
 11. A break in a rock along which movement has occurred.  
 14. The thin part of the Earth's crust located under the ocean  
 16. Sudden and violent shaking of the ground.  
 18. The outer portion of the Earth  
 19. The planet on which we live.  
 20. A mass of molten rock formed at depth, including dissolved gases and crystals.  
 21. Rigid sections of the lithosphere that move as a unit.

22. A concentration of heat in the mantle capable of creating magma.

23. The first type of seismic wave to be recorded in a seismic station.

25. The topmost, solid part of the Earth that is composed of Several Plates

## Down

1. A continuous mass of land with long width and height.

3. A chain of Volcanoes that develop parallel to a trench

4. A device used to record earthquake waves

5. A boundary produced when two plates slide past each other.

6. A boundary in which two plates move toward each other, causing one of the slabs of the lithosphere to subduct beneath an overriding plate

7. A record made by a seismograph

9. An event in which a slab of rock thrusts into the mantle.

10. Second type of earthquake wave to be recorded in a seismic station.

12. wave that travels through the Earth, most often as the result of a tectonic earthquake

13. Any break in a rock in which no significant movement has taken place.

15. The science that studies Earth.

17. A mountain or hill, typically conical, having a crater or vent through which lava, rock fragments, hot vapor, and gas are being or have been erupted from the earth's crust.

24. Consolidated mixture of minerals

## Word Bank

Crust

Divergent Boundary

Secondary wave

Subduction

Seismic Wave

Geology

Earthquake

Rocks

Magma

Plates

Convergent boundary

Hot spot

Transform Fault Boundary

Fault.

Fracture

Continental Crust

Earth

Seismograph

Lithosphere

Mid Ocean Ridge

Oceanic Crust

Volcano

Seismogram

Primary Wave

Volcanic Island Arc