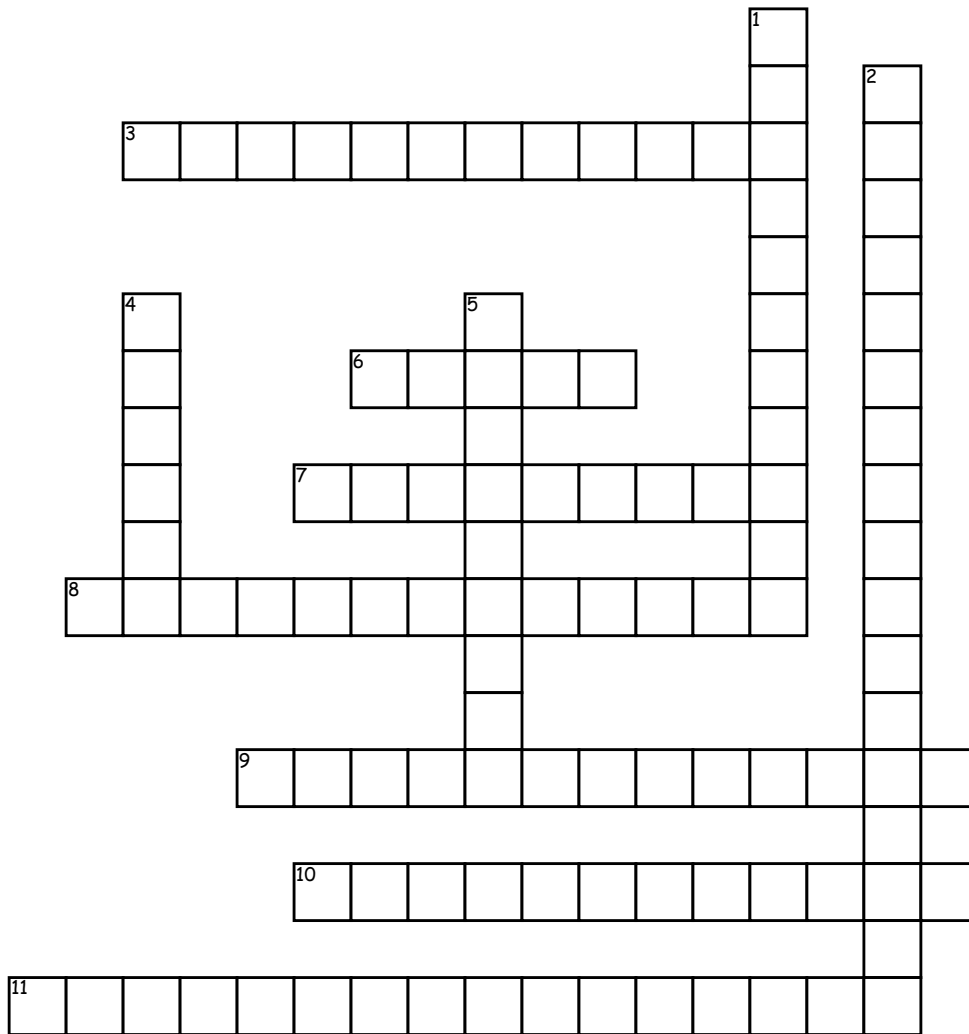


Name: _____

Date: _____

Journey to the center of the Earth



Across

3. Thinner, denser crust
6. The outermost shell of the Earth
7. A solid mass of iron and nickel
8. A large piece of Earth's crust that moves atop the mantle
9. A semi-fluid layer of solid-liquid rock
10. Waves produced by earthquakes that help us study the inner layers of the earth

Word Bank

oceanic crust

Mantle

Crust

Seismic waves

Inner core

Asthenosphere

11. Thicker, less dense crust

Down

1. A layer including the Earth's crust and upper mantle
2. A cycle of heating, rising, cooling and sinking magma
4. A thick, mostly solid layer that is 85% of the total mass of the earth
5. A liquid layer of iron and nickel

Tectonic plate

Lithosphere

Outer core

Convection current

Continental crust