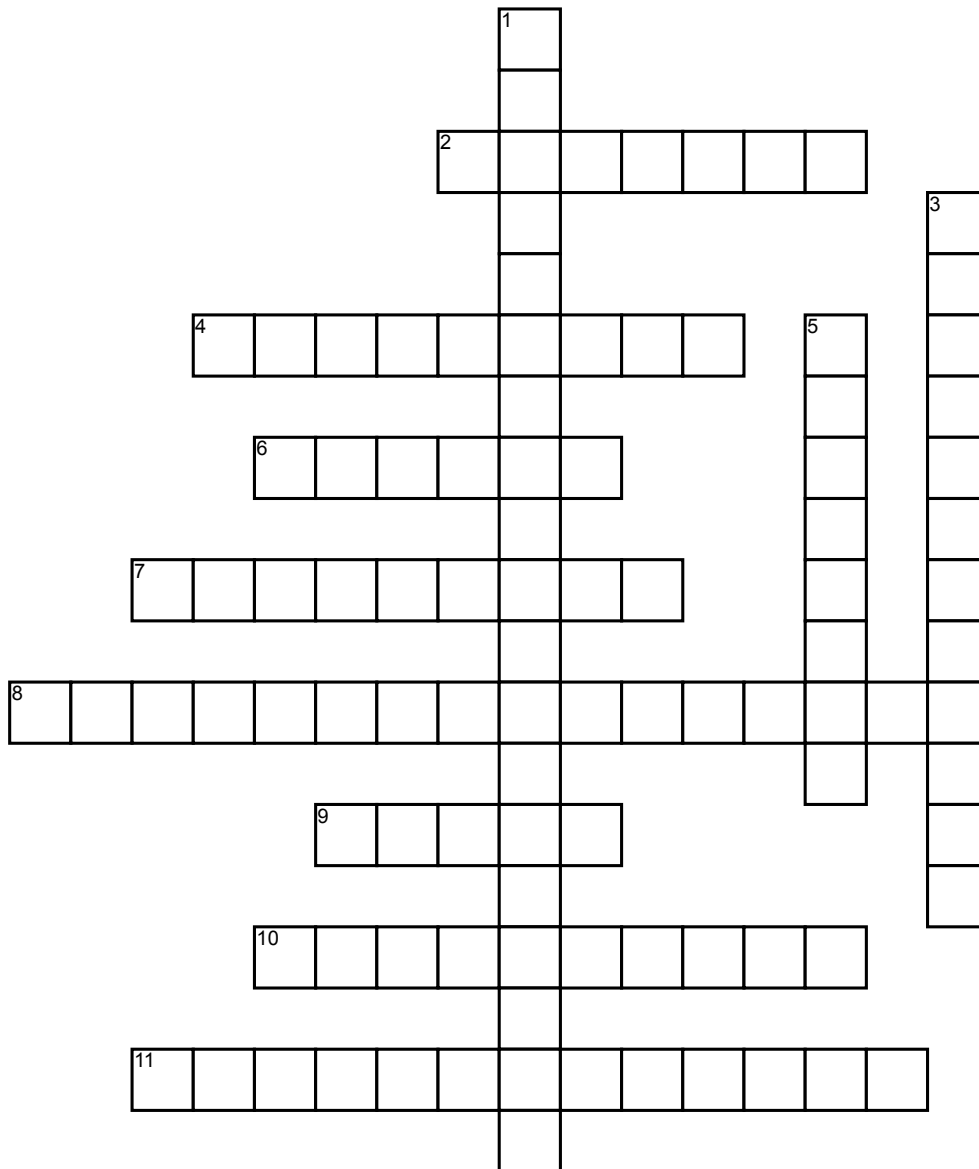


Science Project



Across

2. The amount of matter in a given space or volume. A relationship between mass and volume

4. The space of solid nickle and iron at the center of the Earth

6. The solid layer of Earth between the crust and the core, made of dense silicates

7. The outer layer of Earth's core, made of liquid nickle and iron

8. Characteristic that can be observed or measured without changing the substance

9. The thin solid outermost layer of Earth, made of less silicates either land or ocean

10. A characteristic of the material in the asthenosphere, existing in a solid state yet able to flow

11. The solid layer with plasticity in the upper mantle that is located just below the lithosphere

Down

1. The elements that make up a substance

3. The division of the composition of Earth determined by either chemical composition or by state of matter

5. A variable that affects the state of matter of Earth's layers, thick rock=more force