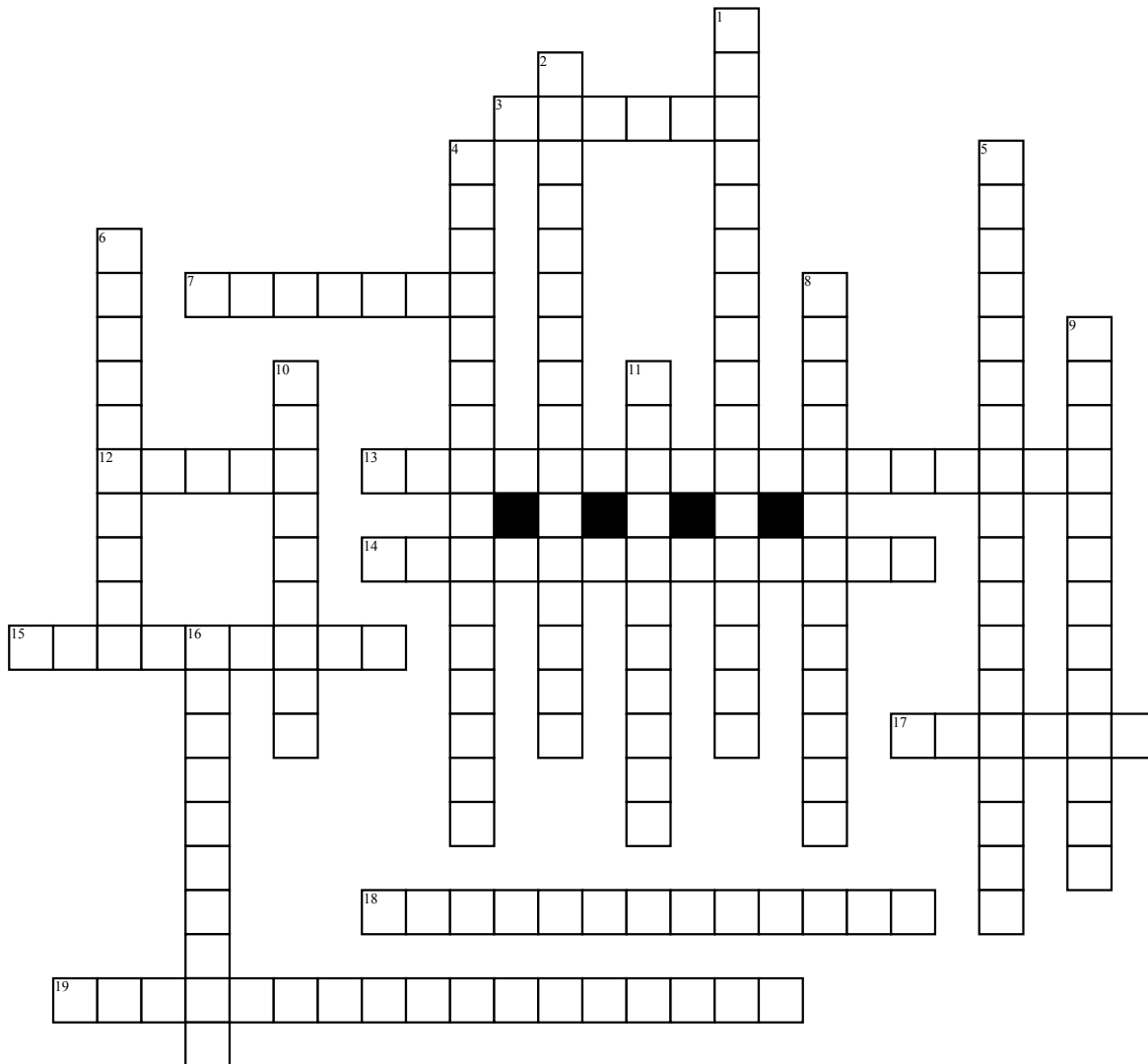


Vocabulary Set #6: 8th Grade Integrated Science - Messina B8



Across

3. The conclusion from the continental drift that all the continents formed a giant landmass named this.
7. Heated rocks in plumes, or thin columns from the mantle.
12. A thin layer of cool rock that surrounds the Earth like a shell surrounds an egg.
13. A motion that transfers heat energy in a material.
14. Where the edges of two plates meet.
15. A ball of hot solid metals at the center of Earth.

17. Earth's thickest layer; made of hot rock that is less dense than the metallic center cores.

18. A layer of hotter, softer rock in the upper mantle; the lithosphere sits on top of it.

19. Where tectonic plates move apart; mainly occurs with oceanic crust.

Down

1. Occurs when tectonic plates slide past each other.

2. Changes in Earth's magnetic field that causes a switch in direction.

4. The idea that Earth's continents originally made one landmass and gradually moved over time.

5. Occurs when tectonic plates push together.

6. When one tectonic plate sinks below another.

8. Huge underwater mountain ranges.

9. Many large and small slabs of rock that make up the lithosphere.

10. A layer of liquid metals that surrounds the inner core.

11. Earth's crust and the very top of the mantle together.

16. A gap between mid-ocean ridges that makes molten material rise to build a new crust.