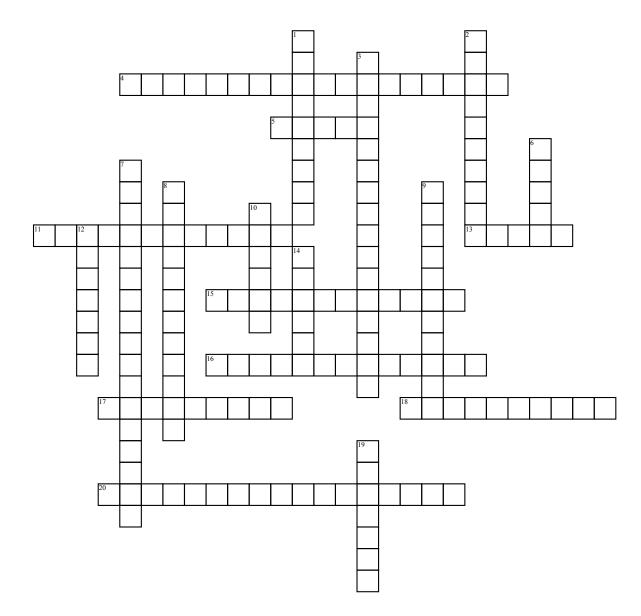
Name:	Date:	Period:

EARTH'S LAYERS AND PLATES PROJECT



Across

- **4.** where one plate slides beneath another plate as the two are pushed together, a subduction zone
- 5. the outer layer of the earth
- 11. the point on the Earth's surface where a magnetic needle points vertically downward (north magnetic pole) or vertically upward (south magnetic pole
- **13.** the planet third in order from the sun
- **15.** is made of basalt, a dark colored rock with fine grains
- **16.** plastic-like layer below the lithosphere in the mantle

- 17. thick and composed of mostly iron and nickel, and lies above earths solid inner core
- **18.** lower layer of the mantle that borders the liquid outer core
- **20.** a plate boundary in which plates on opposite sides of the boundary move past each other in opposite directions

Down

- 1. innermost layer
- 2. sudden and violent shaking of the ground
- **3.** is made of granite, a light colored rock with coarse grains

- **6.** a fracture or zone of fractures along the boundaries of tectonic plates
- 7. where two plates are moving in opposite directions as in a mid-ocean ridge
- **8.** an elastic wave in the earth produced by an earthquake or other means
- **9.** rigid, upper part of the mantle and crust
- **10.** the two sub-layers of the earth's crust (lithosphere) that move, float, and sometimes fracture
- 12. study of the earth
- 14. largest layer of the earth
- 19. Mass