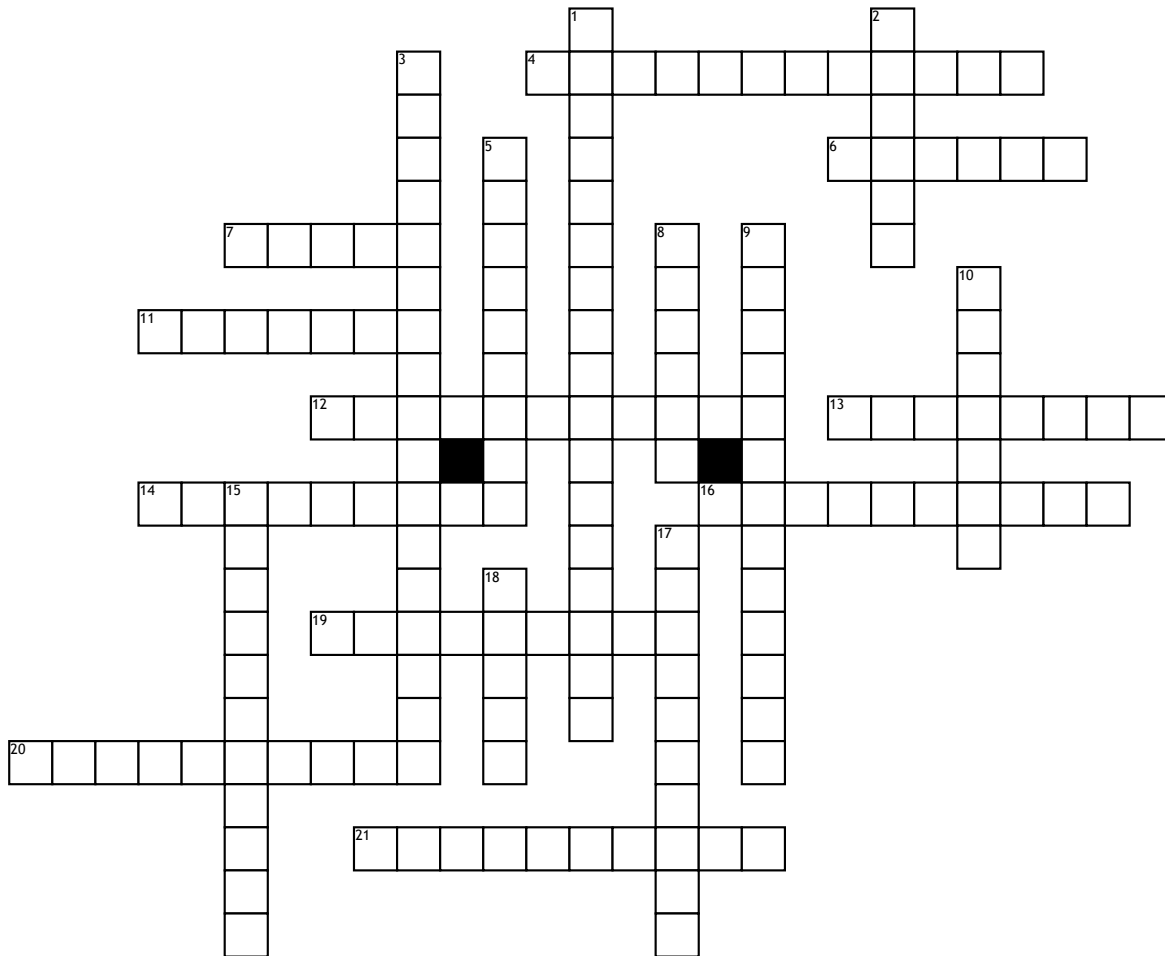


Name: _____

Date: _____

EARTH'S INTERIOR



Across

4. Vibrations that travel through earth carrying the energy released during an earthquake
 6. The layer of hot solid material between earth's crust and core
 7. A device that determines the distance of an object under water
 11. A usually light colored igneous rock that is found in continental crust
 12. A rigid layer made up of the uppermost part of the mantle and the crust
 13. A force pressing on an area
 14. A layer of molten metal that surrounds the inner core

16. Heat transfer by the movement of currents within a fluid

19. The transfer of energy through space

20. A deep valley that forms where two plates move apart

21. The process by which ocean floor sinks beneath a deep ocean trench and back into the mantle

Down

1. The process by which molten material adds new oceanic crust to the ocean floor
 2. A dark dense igneous rock with a fine texture found in oceanic crust

3. The place where two plates move apart or divergent

5. A dense ball of solid metal

8. A section of the lithosphere that slowly moves over the asthenosphere

9. The soft layer of the mantle on which the lithosphere floats

10. A measure of how much mass there is in a volume of a substance

15. A measure of how hot or cold an object is compared to a reference point

17. Heat transfer within a material or between materials that are touching

18. A break or crack in earth's lithosphere along which the rocks move