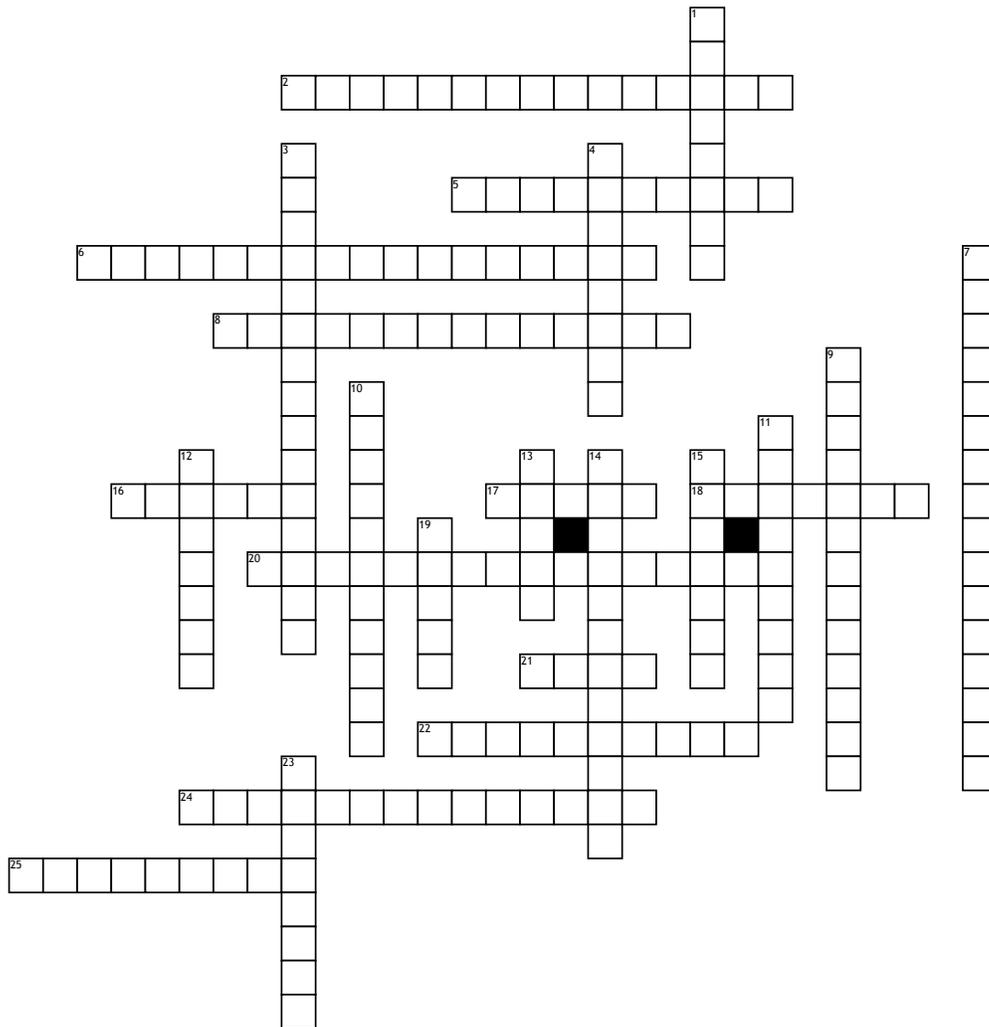


Name: _____

Date: _____

Science Crossword



Across

- 2. The process by which the Earth is heated through light rays.
- 5. The process through which hot air rises and cold air descends through the atmosphere
- 6. According to Newton's Laws every ____ will have an equal and opposite ____.
- 8. The strongest type of friction.
- 16. Water that cannot be absorbed by soil that collects on the soil and flows downhill.
- 17. A push or pull on an object that, based on its mass, causes different levels of acceleration.
- 18. Natural water sources caused by a high water table and increased pressure.
- 20. The point from which an object's movement is measured.
- 21. The scientific name for the visible result of the exertion of energy.

- 22. The beginning of the saturated zone where water is present for the first time.
- 24. The process through which organic matter deteriorates and fills a water-source, destroying its capacity for life.
- 25. A body of water formed by erosion and the meandering of a river through time.

Down

- 1. The property that causes deceleration and indirect heating.
- 3. When one source of energy overpowers another forcing the object in a new direction.
- 4. The speed of an object in a given direction
- 7. The constant movement of the Tectonic Plates that causes the continents to move.
- 9. The property of energy, being focused equally around an object, cancelling out the energy's value.

- 10. The property of a soil layer that does not allow the movement of water causing saturation.
- 11. The quality of a layer of soil that allows water to penetrate.
- 12. The state in which an object cannot move until it is affected (Newton's First Law)
- 13. The rate at which work is done usually measured in horsepower.
- 14. ____ = Final Speed - Initial Speed / Time of Change
- 15. A wave formed by the movement of a large concentration of energy through a body of water that cannot contain it.
- 19. The radio waves used to map the geography of the ocean floor.
- 23. The state in which an object falls at a constant speed affected only by increasing gravitational energy and not friction.

Word Bank

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|--------------------|-----------------|---------------------|------------|------------------|
| Indirect Heating | Springs | Action and Reaction | Permeable | Tsunami |
| Impermeable | Friction | Convection | Oxbow Lake | Eutrophication |
| Work | Water Table | Velocity | Power | Unbalanced force |
| Free Fall | Static Friction | Force | Inertia | Sonar |
| Frame of Reference | Balanced Force | Continental Drift | Runoff | Acceleration |