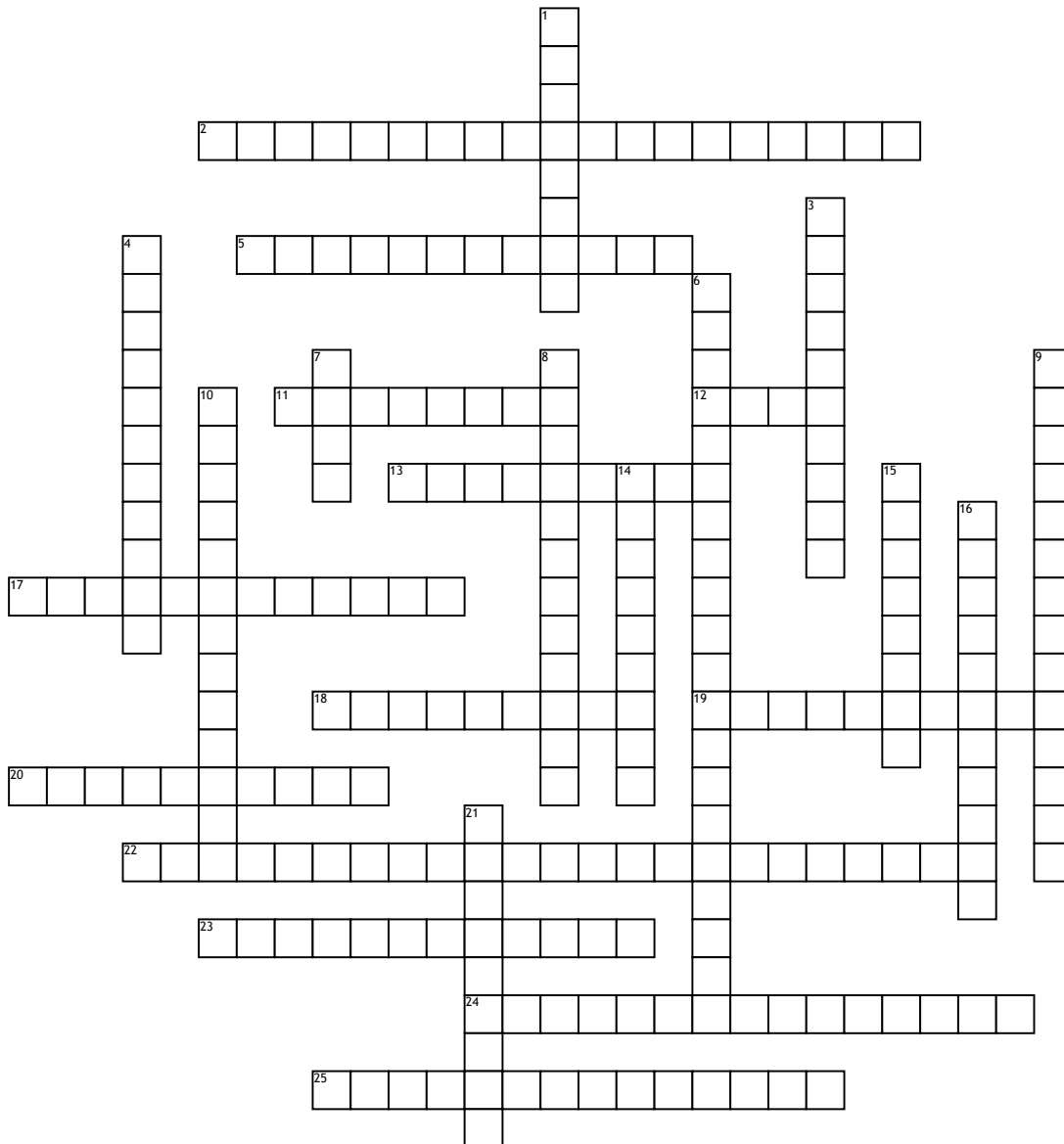


Physical Oceanography Crossword



Across

2. The pressure that any fluid in a confined space exerts.
5. The location of objects by reflected sound, used by animals like dolphins.
11. Continuous physical force exerted on or against an object by something in contact with it.
12. The total kinetic energy, in calories, of all the particles in a substance or object.
13. An animal that is dependent on or capable of internally generating heat; warm-blooded animals.
17. A steep temperature gradient in a body of water marked by a layer above and below which the water is at different temperatures.
18. Vertical zone in the oceanic water column where salinity changes rapidly with depth.
19. A layer in the ocean or a body of water where water density increases rapidly with depth.

20. The chemical reactions in the body's cells that change food into energy.
22. The movement of ocean currents due to differences in temperature and salinity in different regions of water.
23. The uppermost layer of a body of water; where sunlight can reach.
24. A function of temperature, salinity, and pressure.
25. A form of coloration in which the upper surfaces of the body are more darkly pigmented than the illuminated lower areas.

Down

1. The quality or state of being saline; salty.
3. An organism that maintains their body temperature at a constant level, usually above that of the environment, by its metabolic activity.
4. The average kinetic energy of the particles in a substance. Measured in degrees (C,K,F) usually with a thermometer.

6. A result stating that a body totally or partially immersed in a fluid is subject to an upward force equal in magnitude to the weight of fluid it displaces.
7. The force of an object that resists its motion through a fluid.
8. The ratio of heat absorbed by a material to the temperature change.
9. Property of a material expresses the degree of slowness with which its temperature reaches that of the environment.
10. The layer below the photic zone where only a small percentage of light reaches.
14. Animals that have a body temperature similar to their surrounding environment.
15. The ability or tendency to float in water or in air or in another type of fluid.
16. The region that is in complete darkness in the ocean.
21. The resistance of a fluid to change in shape or movement of neighboring portions relative to another.