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Oceanography

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Across

- 2. Tiny, colonial sea animals
 that form a large part of
 Earth's reefs
- **4.** A body of water with distinct properties based on where it originated
- 5. The differences in electrical charge at the ends of a molecule; for example a water molecule has a positive charge near the hydrogen
- 7. The layer of ocean directly beneath the mixed layer, in which the temperature decreases rapidly
- 8. An aqueous solution that acts to stabilize changes in pH.
- 9. The temperature at which a solution turns from liquid to a solid

- 10. The temperature at which a solution turns from liquid to a gas
- 11. The scientific study of the oceans and seas
- ${f 12.}$ The surface layer of ocean water
- 13. Photosynthesizing microorganisms that float freely in the ocean's surface water, make up the base of the ocean's food chain, and are the primary energy source for the marine ecosystem
- 14. A chemical bond in which the positively charged hydrogen atom of one molecule is attracted to the negatively charged atom of another molecule.

- 15. A homogeneous mixture of two or more substances in which the solvent or dissolving medium is water
- **16.** The microscopic animals found in ocean water that eat phytoplankton or smaller zooplankton

Down

- 1. A one-celled protist with a delicate, thin shell made of silica
- ${f 3.}$ The measure of the dissolved slats in water
- **6.** Free swimming marine life such as fish, reptiles, whales, squid and jellyfish