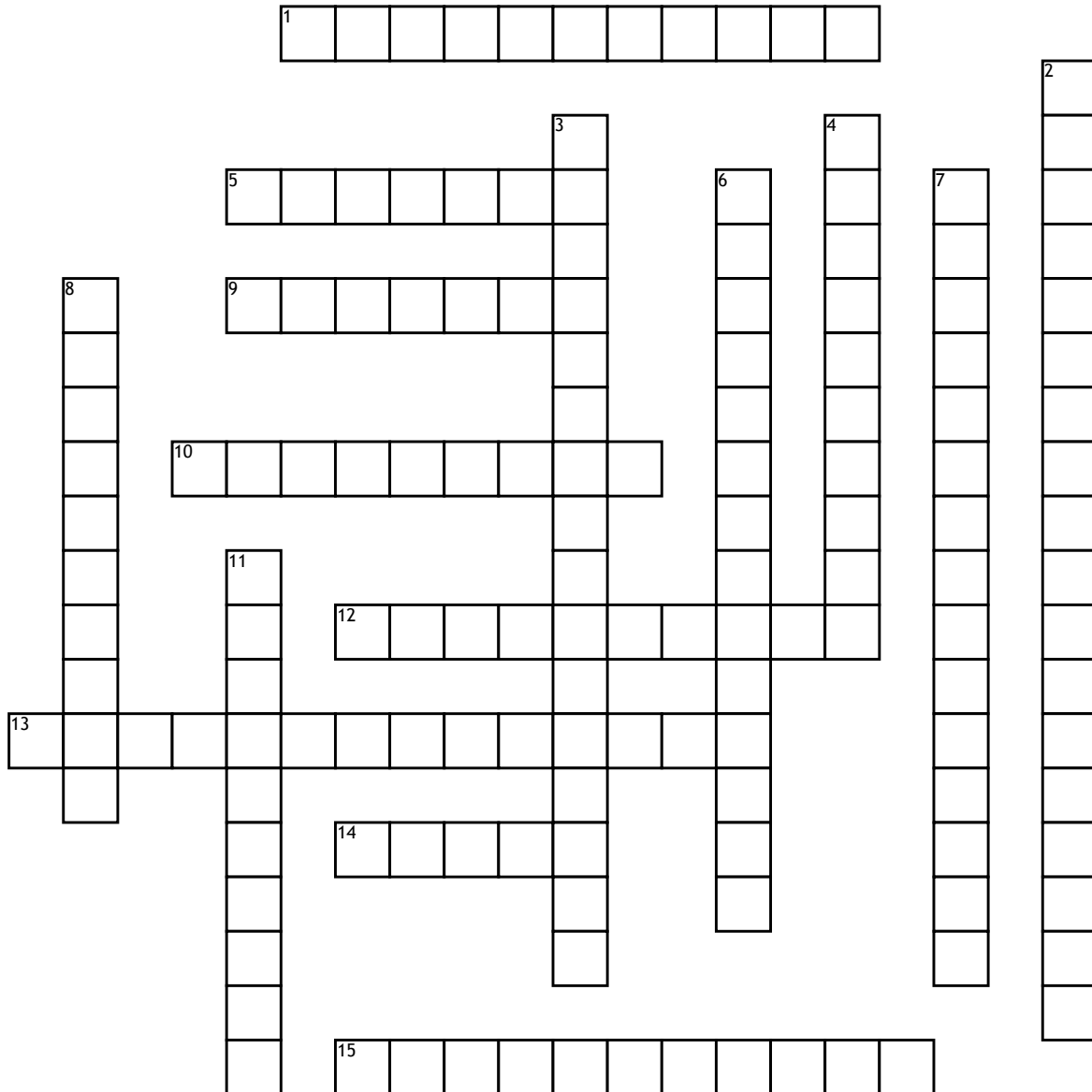


Unit D



Across

- 1. The solid outer layer of Earth's surface, including the crust and the upper part of Earth's mantle
- 5. The conditions of temperature, atmospheric pressure, humidity, and precipitation at a particular time and place
- 9. The trend in temperature, atmospheric pressure, humidity, and precipitation over a period of many years
- 10. The mechanism of energy transfer in which atoms or molecules emit electromagnetic waves
- 12. The transfer of thermal energy through the movement of particles from one location to another

- 13. The tendency of convection currents or other moving objects on the surface of Earth to veer sideways from their original course due to Earth's rotation on its axis
- 14. A major geographic region with a particular combination of environmental conditions and life forms
- 15. A term referring to all water on or near Earth's surface

Down

- 2. The tilt of Earth's axis; the angle of the equator with respect to the plane of Earth's orbit around the Sun
- 3. The retention of heat on and above Earth's surface by greenhouse gases

- 4. In evolution, any characteristic that allows an organism to better survive and reproduce in an environment
- 6. Energy from the Sun including light and heat
- 7. The circulation of water among oceans, land and the atmosphere; also called the water cycle
- 8. Transfer of thermal energy through direct contact of particles
- 11. A mixture of nitrogen and oxygen and other gases that extends 800km above Earth's surface