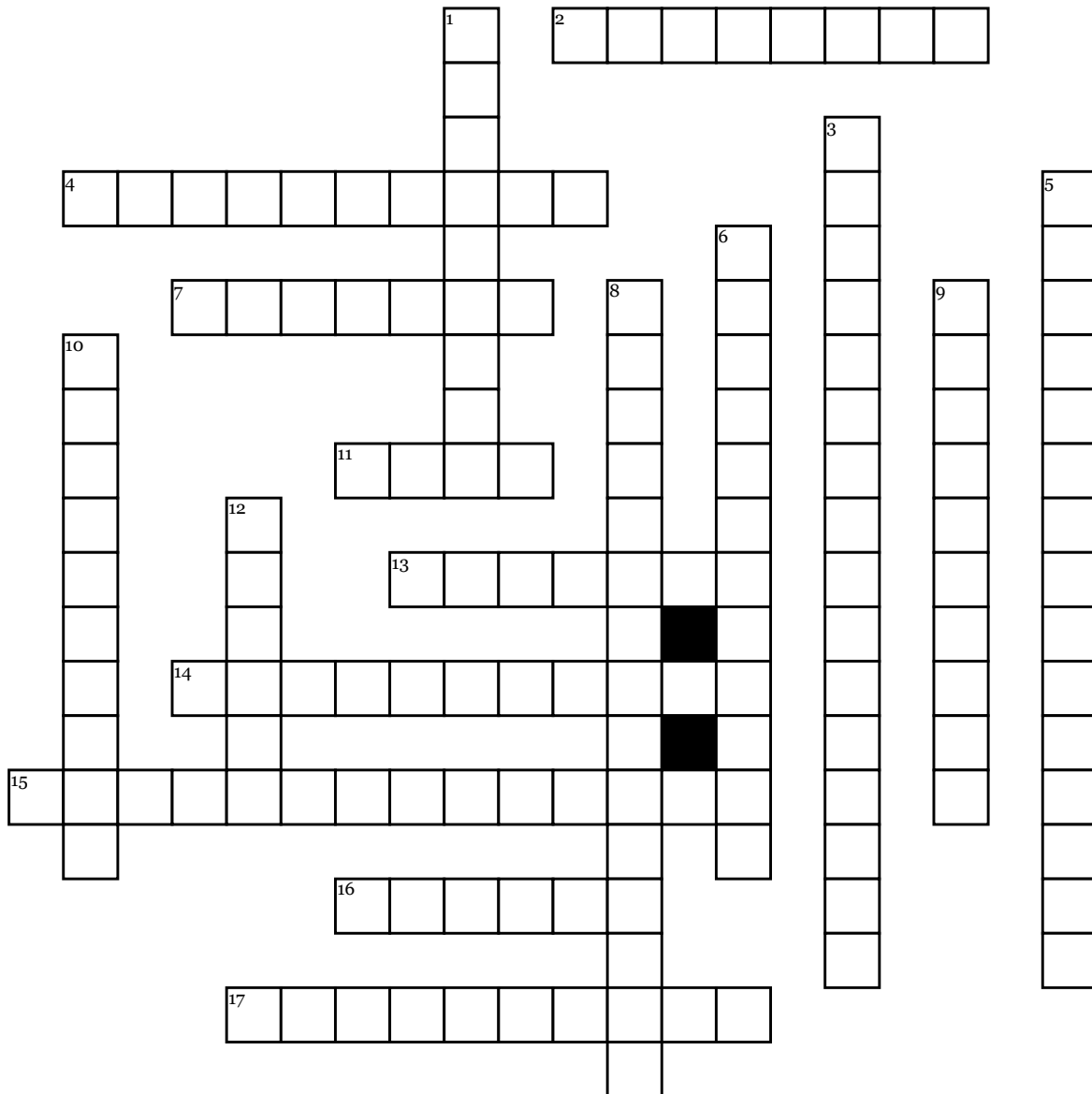


Currents and Climates Vocab



Across

2. The atmosphere has different elevations above sea level

4. The transfer of heat by a current

7. Mass per volume

11. Air flowing over Earth's surface

13. Refers to the conditions of the the atmosphere at a given time and place

14. The force of the air weighing down an area

15. causes moving air and water to turn left in the southern hemisphere and right in the northern hemisphere

16. Generally follows El Nino, the Pacific Ocean is cooler than normal, and trade winds are stronger

17. A mixture of gases that surrounds the planet

Down

1. The transfer of energy by waves

3. Helps keep the Earth Warm

5. Created by global wind patterns, the rotation of the Earth, and the shape of the ocean basins

6. Currents below the surface of the ocean

8. Absorb heat in the atmosphere including carbon dioxide and water vapor

9. Heat is transferred from molecule to molecule

10. Winds rise up a mountain range the air cools and precipitation falls. On the other side the air is dry and it sinks

12. The western Pacific Ocean is warmer than usual and causes trade winds to change