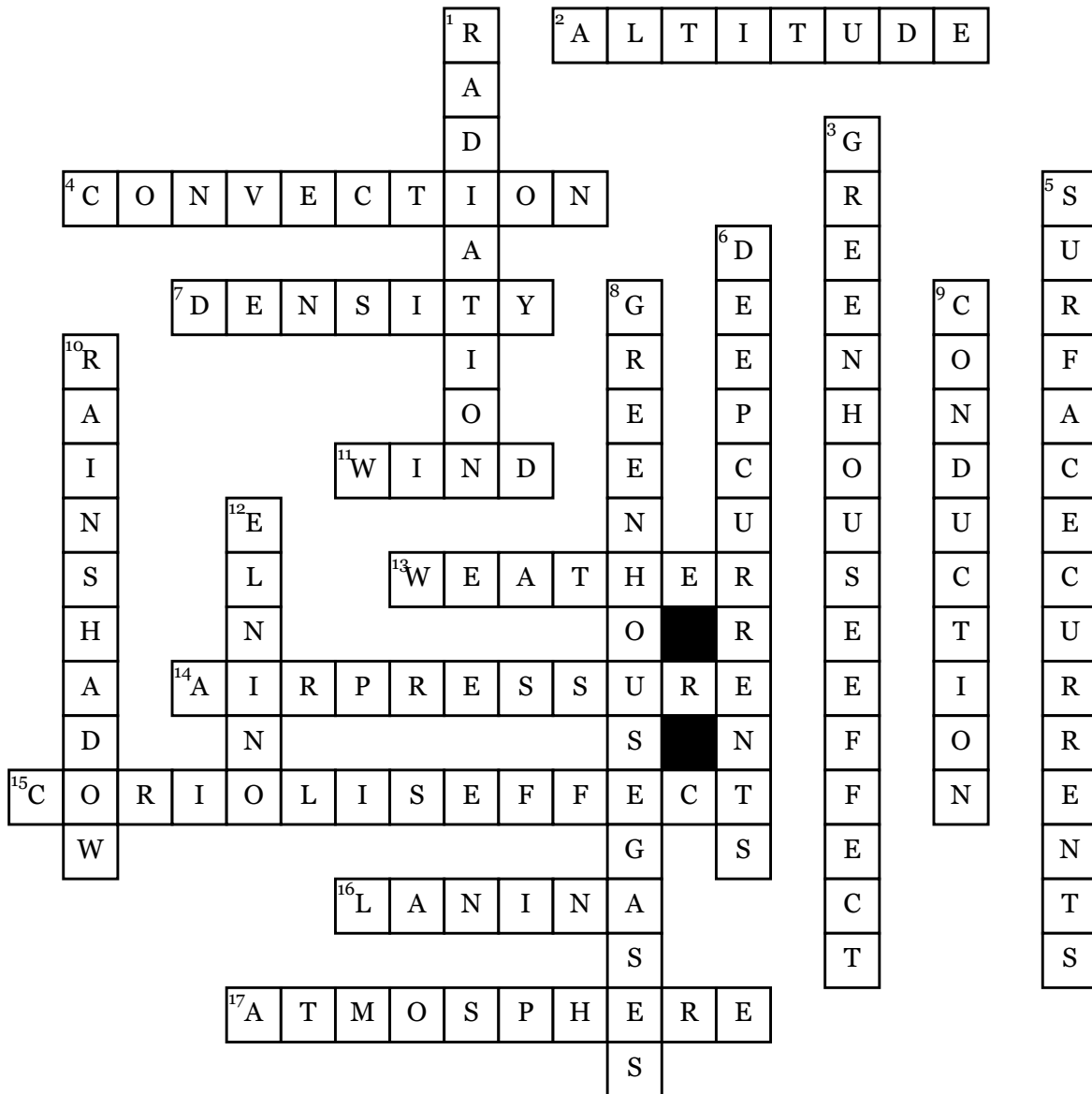


# Currents and Climates Vocab



## 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