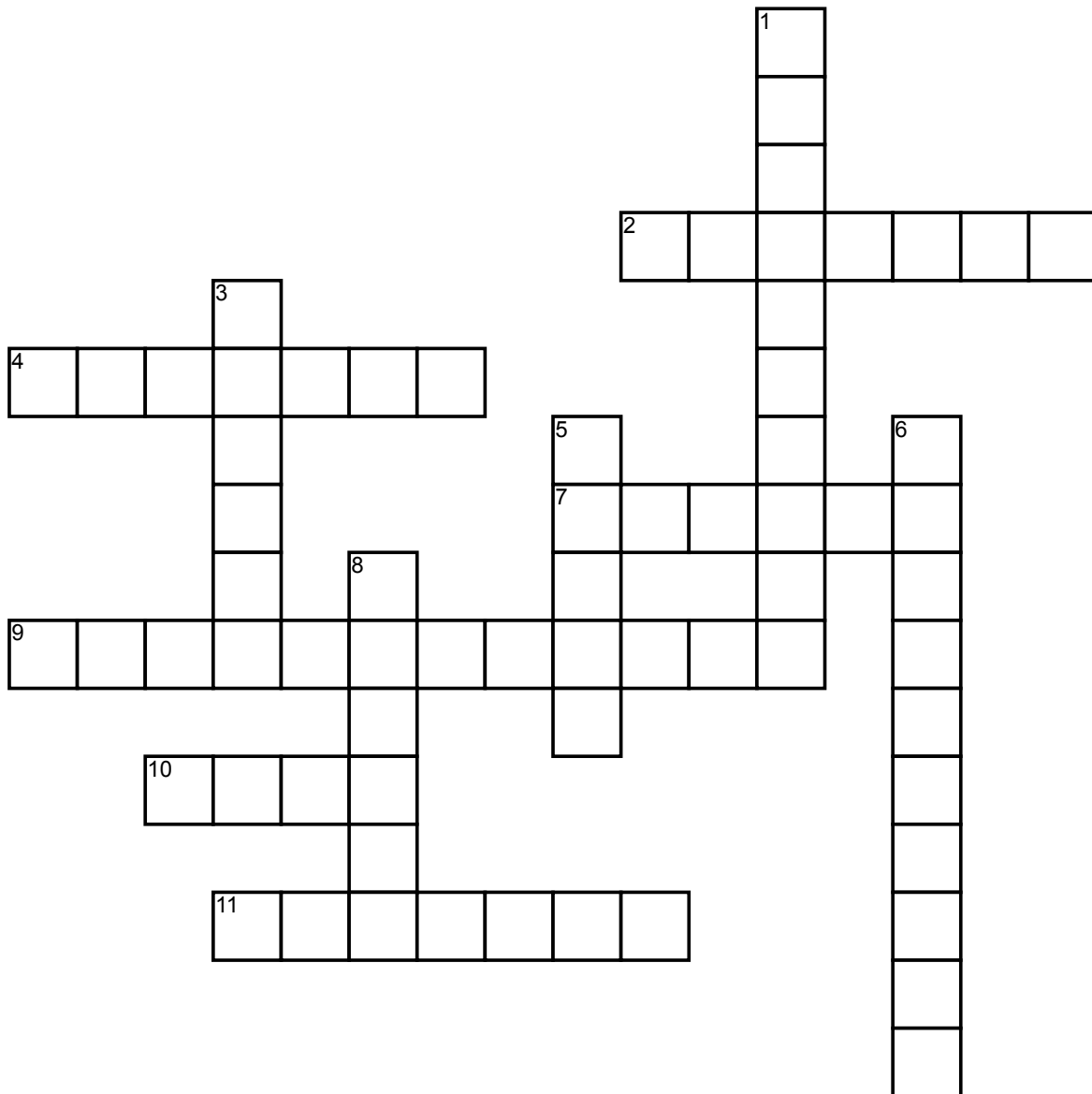


# Science Vocabulary #13



**Across**

- 2. The force pulling objects to earth; The greater the mass of a planet is, The stronger the force of gravity will be
- 4. When one object moves around another object; The earth revolves around the sun
- 7. When an object spins on an axis; The earth rotates on its invisible axis like a basketball rotates on a finger
- 9. When the moon blocks sunlight from reaching earth during the daytime
- 10. The imaginary line that the year is another planet rotates around

- 11. A darker, cooler area on the sun

**Down**

- 1. A violent burst of energy from the sun's surface
- 3. The sun's outer atmosphere
- 5. The oval-shaped path a planet follows as it revolves around the sun
- 6. Half of a sphere; When the northern hemisphere is experiencing winter, The southern hemisphere is experiencing summer
- 8. A cycle of changes of weather caused by the Earth's tilt on its axis as it revolves around the sun