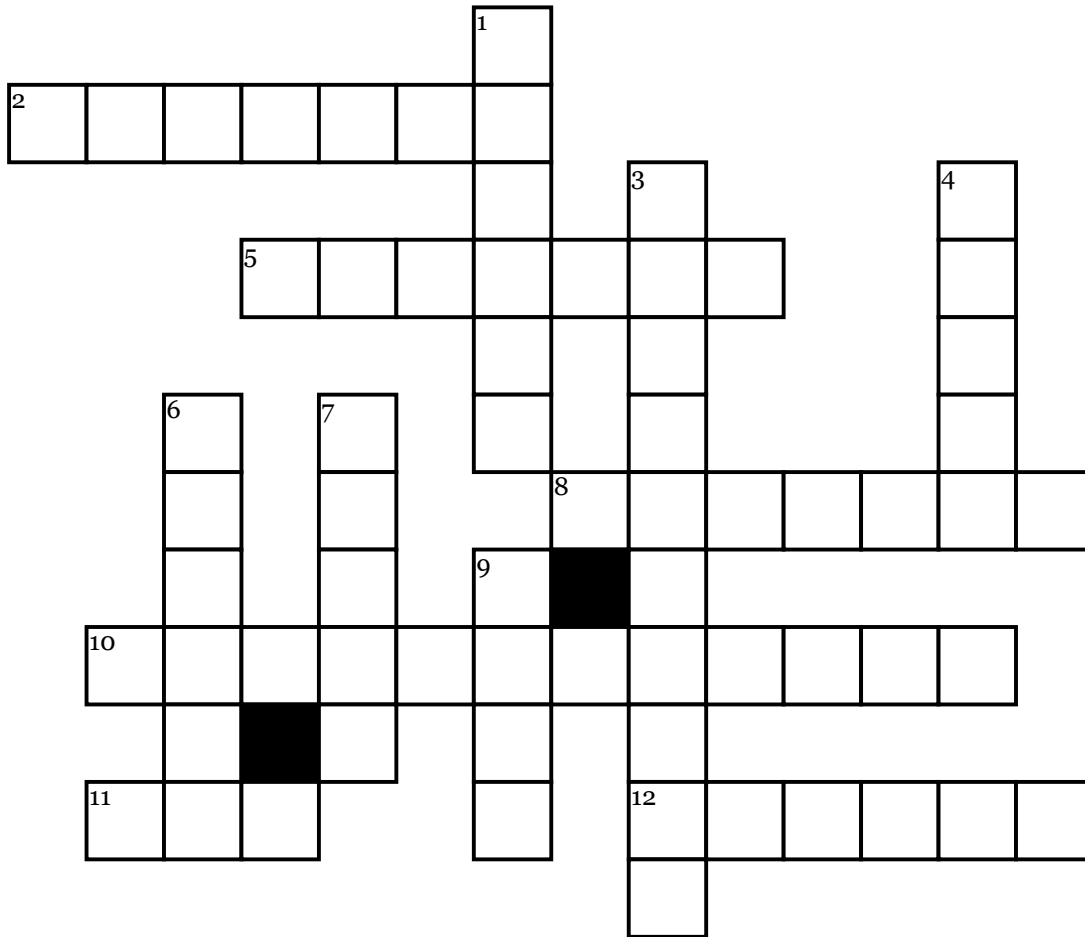


# Science Vocabulary #13



**Across**

- 2. when one object travels around another object (the planets revolve around the sun and the moon revolves around earth)
- 5. an area on the sun that cooler than the rest of the sun and appears as a dark spot
- 8. the force pulling objects to earth; the greater the mass of a planet, the stronger the force of gravity it will have
- 10. when the moon blocks sunlight from reaching earth

- 11. the time it takes a planet to make on complete rotation on its axis (earth's day is 24 hours)
  - 12. to turn on an axis (spin); It takes earth one day (24 hours) to rotate once around on its axis
- Down**
- 1. a cycle of changes of weather caused by the earth's tilt on its axis as it revolves around the sun (spring, summer, fall, winter)
  - 3. a violent burst of energy from the sun's surface

- 4. the oval-shaped path a planet follows as it revolves around the sun
- 6. the sun's outer atmosphere
- 7. to do with the earth's moon
- 9. the time it takes a planet to make on complete revolution around the sun (earth's year is 365 days)