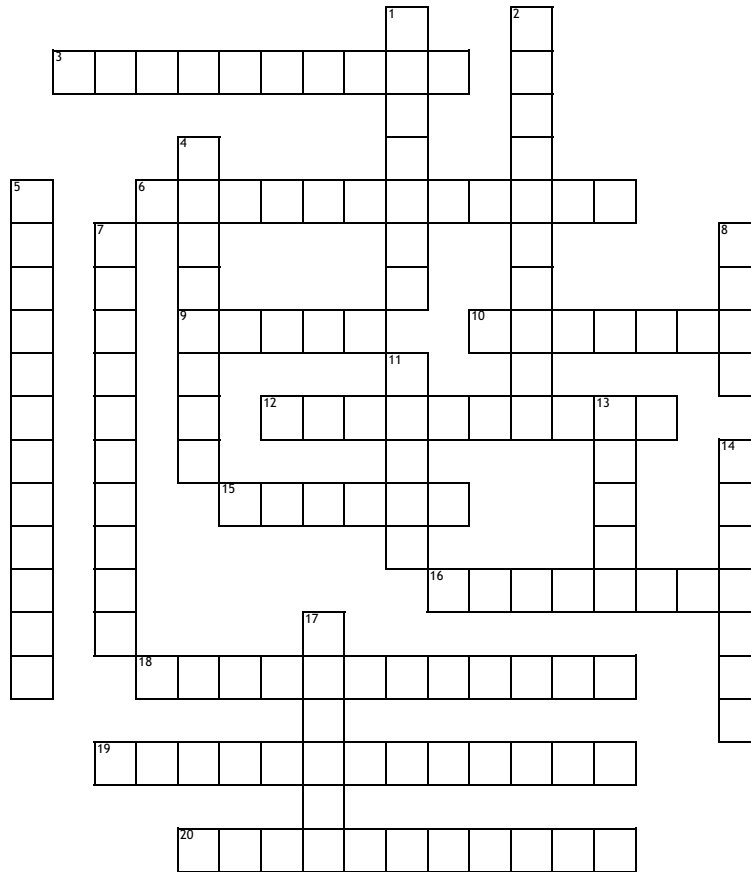


# 6th Grade Science Project



## Across

3. the whole mass of air surrounding a planet
6. The region between the inner and outer planets where most asteroids orbit around the Sun
9. A vehicle for exploring the surface of an extraterrestrial body (such as the Moon and Mars)
10. Composition of outer planets whose atmosphere is made of gases
12. move in an elliptical path around a center
15. an engine that provides thrust directly through the burning of its fuel without requiring the intake of air
16. To spin on an axis; the spinning of Earth on its axis that causes day and night to occur
18. A reusable spacecraft designed to transport people and cargo between Earth and space
19. The four largest and brightest moons of Jupiter, which were discovered by Galileo Galilei: Ganymede, Io, Callisto, and Europa
20. relating to the land

## Down

1. the force that causes objects with mass to attract one another
2. A vehicle or device designed for travel or operation outside Earth's atmosphere
4. Large and small rocks or metallic masses orbiting the Sun; made up of materials similar to those that formed the planets
5. a large artificial satellite used as a long-term base for manned operations in space.
7. An unmanned spacecraft designed to explore the solar system and transmit data back to Earth
8. National Aeronautics and Space Administration; the American governmental agency dedicated to space exploration
11. A celestial body of ice, dust, and rock with an elongated and elliptical orbit
13. The gravitationally-curved path of an object around a point in space
14. Any of the large celestial bodies that revolve around the Sun in the solar system
17. a small object that enters Earth's atmosphere from space and burns due to friction, emitting light