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6th Grade Science Project

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| **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 |