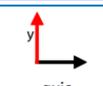
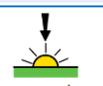
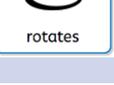


## Key Vocabulary

 <p>solar system</p>	<p>The Solar System is like a big neighbourhood in space. At the centre is the Sun, and all the planets, moons, asteroids and comets move around it.</p>	 <p>axis</p>	<p>The Earth's axis is an imaginary line that goes straight through the Earth from the North Pole to the South Pole. The Earth spins (rotates) around this line.</p>
 <p>atmosphere</p>	<p>An atmosphere is a blanket of air that surrounds a planet. It's made of different gases.</p>	 <p>sunset</p>	<p>Sunrise is the moment each morning when the Sun first appears in the sky.</p>
 <p>orbiting</p>	<p>Orbiting means going around something again and again.</p>	 <p>sunrise</p>	<p>Sunset is the moment each evening when the Sun disappears below the horizon.</p>
 <p>spherical</p>	<p>A sphere is a 3D shape that is perfectly round, like a ball. Every part of it is curved, and it has no corners, no edges, and no flat sides.</p>	 <p>illuminates</p>	<p>To shine light on something.</p>
 <p>rotates</p>	<p>To spin or turn around.</p>	 <p>space</p>	<p>Space (or outer space) is everything that exists beyond the air around Earth. It begins high above us, where the sky turns completely dark.</p>

## Key Knowledge

Planets	<p>There are eight planets in our solar system: Mercury, Venus, Earth, Mars, Jupiter, Saturn, Neptune, Uranus. Heliocentric is a scientific theory that places the Sun at the centre of the solar system, with Earth and other planets orbiting around it.</p>
Lunar cycle	<p>The <b>lunar cycle</b> is the sequence of phases the Moon goes through as it orbits Earth, taking approximately <b>29.5 days</b> from one new moon to the next. The Moon travels in a big, curved path around our planet.</p>
Moon phases	<p>As the Moon orbits the Earth, we see different amounts of its sunlit side. These different shapes are called phases. The different phases can be seen on the diagram.</p>
Day and night	<p>The Sun doesn't move around Earth during the day - Earth spins, which makes the Sun appear to move. When the place where you live is facing the Sun, you see sunlight. This makes it daytime. The Sun appears high in the sky, and everything is bright and warm. As the Earth keeps spinning, your part of the world slowly moves away from the Sun. When your area is facing away, it becomes dark. This is nighttime.</p>

