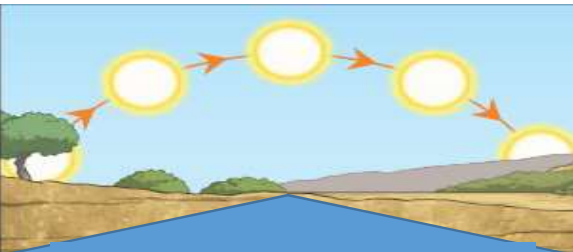


Knowledge Organiser Y5 - Earth and Space

Key Knowledge



It appears to us that the sun moves across the sky during the day but the sun does not move at all.

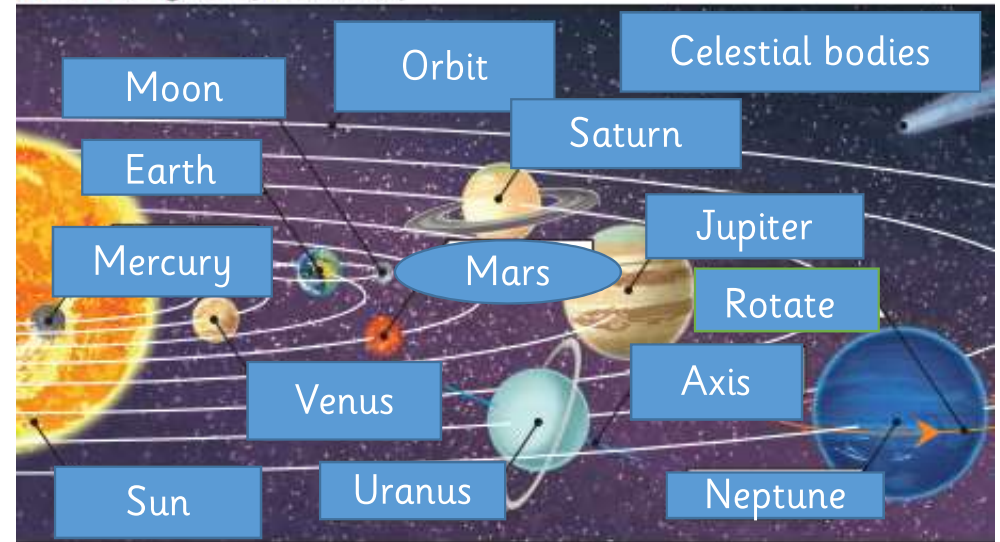
The Earth rotates and spins on it's Axis. It does a full rotation once in every 24 hours. At the same time that the Earth is rotating, it is also orbiting around the sun.



Key Vocabulary

sun	A huge star that earth and other planets in our solar system orbit around.
Earth	The planet on which we live; the world.
star	A giant ball of gas held together by its own gravity.
planets	A large object, round or nearly round that orbits a star.
sphere	A round 3D shape in the shape of a ball.
spherical bodies	Astronomical shapes like spheres.
moon	The natural satellite of the earth, visible (chiefly at night) by reflected light from the sun.
orbit	To move in a regular, repeating, curved path around another object.
axis	An imaginary line that a body rotates around.

Our Solar System (not to scale)



The work and ideas of many astronomers (such as Copernicus and Kepler) combined over many years before the idea of the heliocentric model was developed.



Notable Scientist – Nicolaus Copernicus