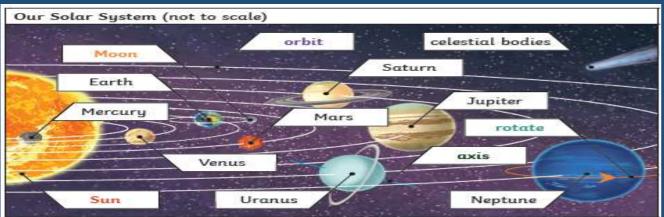
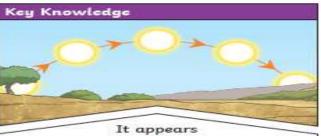
Ideas Organiser: Space: Out of this World



Knowledge:



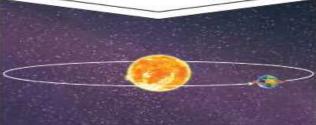
The Moon orbits Earth in an ovalshaped path while spinning on its axis. At various times in a month, the Moon appears to be different shapes. This is because as the Moon rotates round Earth, the Sun lights up different parts of it.

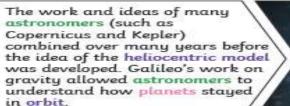


to us that the Sun moves across the sky during the day but the Sun does not move at all. It seems to us that the Sun moves because of the movements of Earth.



Earth rotates (spins) on its axis. It does a full rotation once in every 24 hours. At the same time that Earth is rotating, it is also orbiting (revolving) around the Sun. It takes a little more than 365 days to orbit the Sun. Daytime occurs when the side of Earth is facing towards the Sun. Night occurs when the side of Earth is facing away from the Sun.







Vocabulary and background knowledge:

Orbit	To move in a regular, repeating curved path around
	another object.
Axis	An imaginary line which a body rotates around.
Spherical	An object in space which is the shape of a sphere.
Body	
Sun	A huge star which Earth and other planets in our solar
	system orbit.
Star	A giant ball of gas held together by its own gravity.
Satellite	Any object in space which orbits something else e.g. The
	Moon of a satellite of Earth.
Rotate	To spin e.g. Earth rotates on its own axis.
Geocentric	A belief which people used to have that the planets and the
Model	Sun orbited the Earth.
Heliocentric	The structure of the Solar System where the planets orbit
Model	the Sun.





Recommended Reads:



Nicolaus

