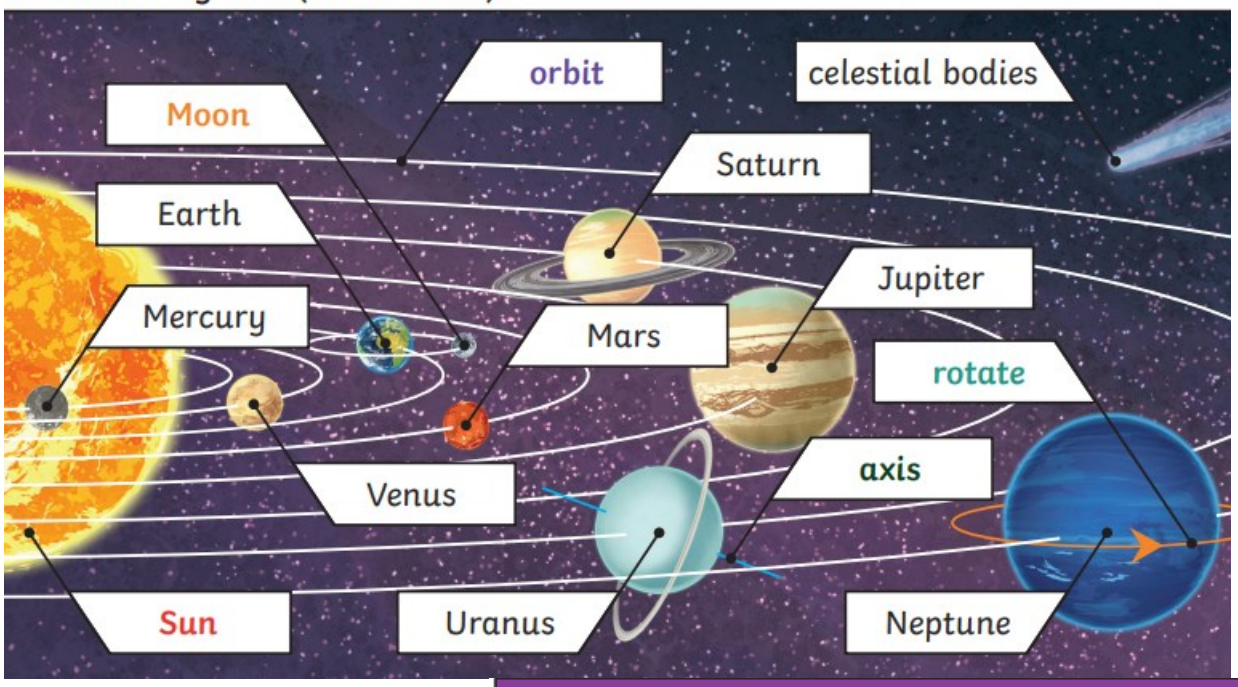
Carr Head Primary School – Knowledge Organiser

Science	Earth & Space	Year 5	Spring 1

Our Solar System (not to scale)



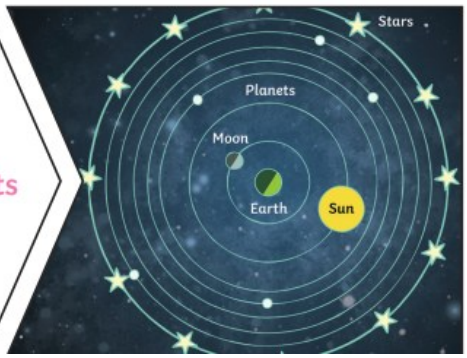
Earth rotates (spins) on its axis. It does a full rotation once in every 24 hours. At the same time that Earth is rotating, it is also orbiting (revolving) around the Sun. It takes a little more than 365 days to orbit the Sun. Daytime occurs when the side of Earth is facing towards the Sun. Night occurs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

Key Vocabulary

orbit	To move in a regular, repeating curved path around another object.
rotate	To spin. E.g. Earth rotates on its own axis.
axis	An imaginary line that a body rotates around. E.g. Earth's axis (imaginary line) runs from the North Pole to the South Pole.

Geocentric model

Years ago people believed that planets moved around the Earth.



heliocentric model

Quiz	
	Name the planets
	How many days does the earth take
	What does orbit mean?
	What is the Earth's axis?
	When does rotate mean?