

# Carr Head Primary School - Knowledge Organiser

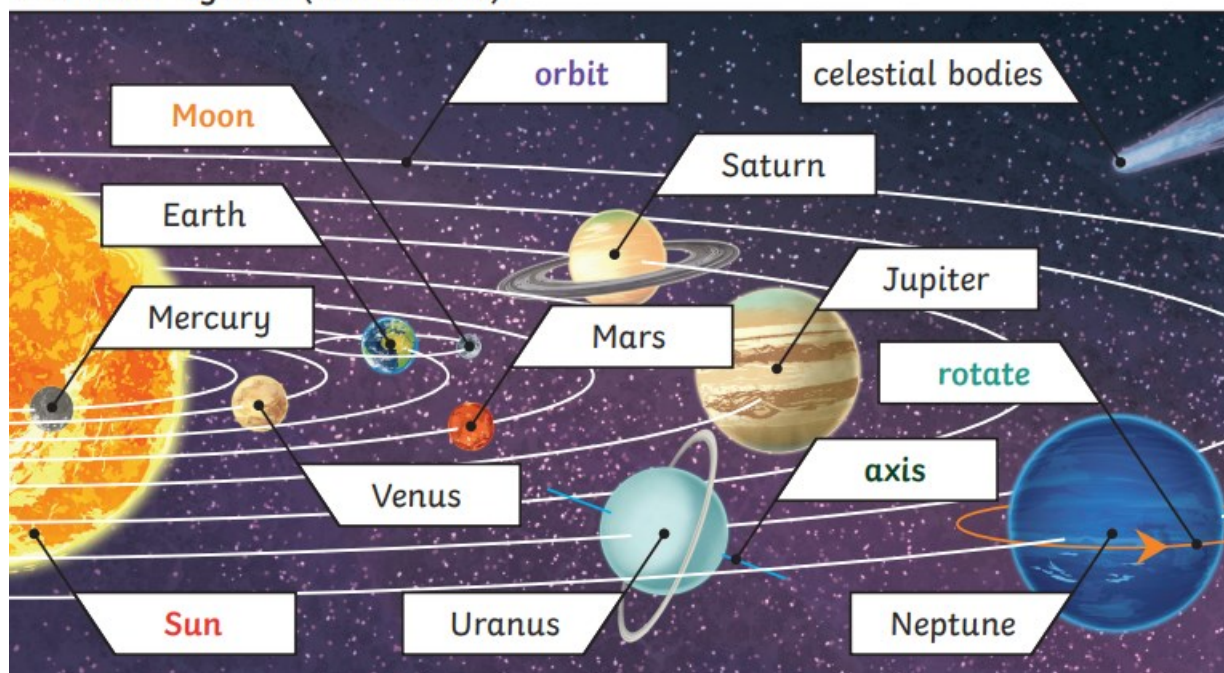
Science

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**.

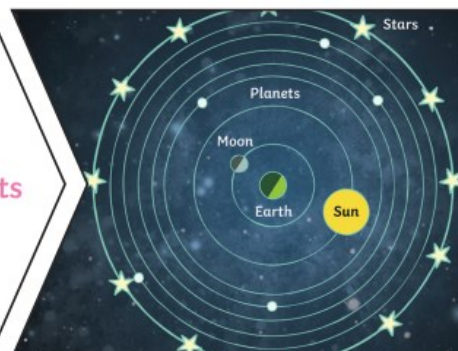


## Key Vocabulary

<b>orbit</b>	To move in a regular, repeating curved path around another object.
<b>rotate</b>	To spin. E.g. Earth <b>rotates</b> on its own <b>axis</b> .
<b>axis</b>	An imaginary line that a body <b>rotates</b> around. E.g. Earth's <b>axis</b> (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?