



Topic	Earth and Space	Year/s	5/6	Term	Spring
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What I should know already

Space is a new topic for Year 5 and 6

Important facts

The four gas giants in our solar system are **Neptune, Uranus, Saturn, and Jupiter**.

The planets **Mercury, Venus, Earth, and Mars**, are called terrestrial because they have a compact, rocky surface like Earth's terra firma. The terrestrial planets are the four innermost planets in the solar system.

A day on Earth lasts a little under 24 hours.

One year on Earth lasts 365.25 days. That 0.25 extra means every four years we need to add one day to our calendar. We call it a leap day (in a leap year).

Key knowledge/diagrams



Vocabulary

Spherical	Shaped like a sphere (round ball)
Waxing	When the moon is on its way to getting full
Waning	When the moon is on its way to getting to a new moon
Galaxy	A <i>galaxy</i> is a system of stars
Asteroid belt	The asteroid belt is a region of space between the orbits of Mars and Jupiter
Astronomer	Someone who studies stars
Solar system	Our <i>solar system</i> consists of our star, the Sun, and everything bound to it by gravity
Gravity	the force that <u>attracts</u> a body towards the centre of the earth

What I should know by the end of this unit

I understand about the movement of the Earth

I can understand how the moon moves in relation to the Earth

I understand why night and day happen

I can describe the properties of the sun, moon and Earth using words like spherical