

Mickleover Primary School – Science Knowledge Organiser

Title: Earth, Sun and Moon

Year Group: 5

Term: Autumn 1

Vocabulary you will know...

Sun	Sphere/spherical
Earth	Diameter
Moon	Axis
Solar system	Rotation
Star	Reflect
Planet	
Satellite	
Orbit	

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Key Learning

- I know the Earth, Sun and Moon are all spheres.
- I know the Earth is bigger than the Moon and the Sun is much bigger than the Earth.
- I know the Earth spins on its axis once every 24 hours and that gives us day and night.
- I know that it takes one year (365 days and a quarter) for the Earth to make one complete orbit of the sun.
- I know that the tilt of the Earth is responsible for the seasons.
- I know that when it is winter in one part of the world it is summer in another.
- I know that the Moon orbits the Earth once every 28 days.
- I can explain the pattern in the Moon's appearance over 28 days.
- I know there are 8 planets in our Solar System.
- I can name the planets and I can recognise some of the features of each planet.

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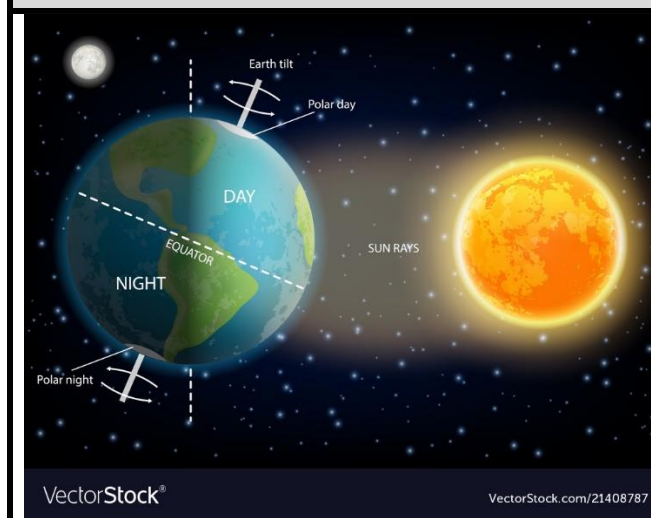
Famous People

Ferdinand Magellan of Portugal was the first to lead a voyage around the world; it proved the world was not flat.

Neil Armstrong, the first man to set foot on the moon, said 'That's one small step for man, one giant leap for mankind.'

SAFETY – You must never look directly at the sun - it could damage your eyesight permanently; even when wearing dark glasses.

A diagram to show day and night



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