

Living things and their habitats	Animals including humans	Properties and change of materials	Earth and Space	Forces
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Year 5 - Earth and Space

- Knowledge**
- To know the movement of the Earth, and other planets, relative to the sun in the solar system.
 - To know the movement of the moon relative to the Earth.
 - To know the sun, Earth and moon are approximately spherical bodies.
 - To know the Earth rotates.
 - To know night and day is caused by the Earth's rotation.
 - To know and name the planets in the solar system and their order from the sun.

- Skills**
- **identifying scientific evidence that has been used to support or refute ideas or arguments**
 - This could be achieved by... providing true and false facts or misconceptions of the movement of the earth, moon, planets and the apparent movement of the sun across the sky. Children to use knowledge to argue why this is incorrect. Look at the different theories past and present eg Flat Earthers.
- (Research)

<u>Vocabulary</u>	Tilt
Sun	Gravity
Moon	Elliptical orbit
All planets of solar system	Asteroid
Solar System	Eclipse
Orbit	Satellite
Planets	Lunar
Spherical	Equator
Rotate	Northern and southern hemisphere
Axis	poles
star	

- Pre-loading**
- Light – explore day and night due to the rotation of the Earth and apparent movement of the sun across the sky
 - Explore how shadow clocks and sundials work