



Title of topic

Stargazers

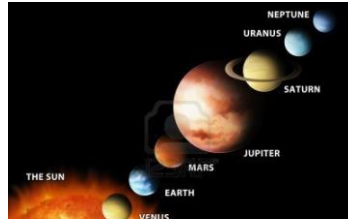
Topic focus: Science – Earth and Space

Year 5

Spring 1

This is the knowledge organiser for our topic. It includes all the learning outcomes, key facts and vocabulary. Please share this with your child to help them develop their knowledge and understanding of our topic.

Night and day occurs because the Earth rotates on its axis. As the Earth rotates, the part of the planet that faces the sun experiences light and daytime. The part of the Earth that faces away from the sun experiences darkness and night time.



The Sun's diameter is approximately 1.4 million km. Its surface temperature is approximately 5500°C. Its core temperature is approximately 15.5 million°C.

Isaac Newton 1643 – 1727

He formed his theory of gravity when he watched an apple fall from a tree. A Newton (N) is a unit of measurement used to measure the pull of gravity.

Galileo Galilei 1564 – 1642

He was an Italian Scientist and Inventor who proved that the Earth orbits the Sun. He invented a telescope used to observe sunspots.

Key vocabulary:

Asteroid

Astronomer

Atmosphere

Axis

Comet

Crater

Dwarf Planet

Lunar

Meteoroid

Orbit

Planet

Rotate

Satellite

Star

Universe

