

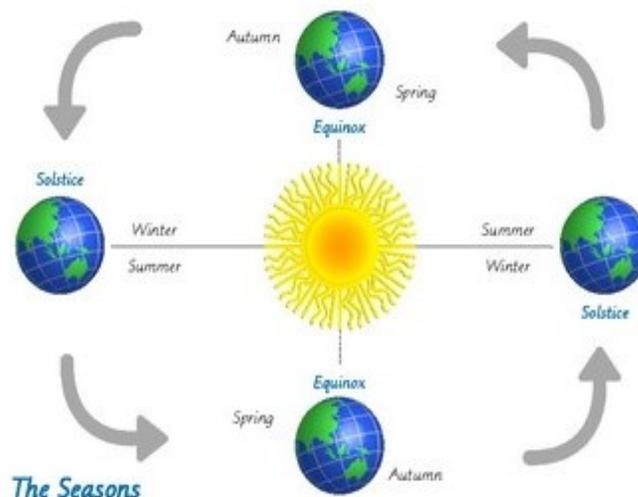
asteroids	one of many large rocks that circle the sun
axis	a real or imaginary straight line going through the centre of an object that is spinning
Earth	the planet third in order of distance from the sun, between Venus and Mars; the world on which we live
eclipse	an occasion when the sun disappears from view, either completely or partly, while the moon is moving between it and the Earth, or when the moon becomes darker while the shadow of the Earth moves over it
gravity	the force that attracts objects towards one another, especially the force that makes things fall to the ground
moon	the natural satellite of the Earth, visible (chiefly at night) by reflected light from the sun
moon phases	the different ways the moon looks from Earth over about a month
orbit	the curved path through which objects in space move around a planet or star
planet	an extremely large, round mass of rock and metal, such as Earth, or of gas, such as Jupiter, that moves in a circular path around the sun or another star
satellite	an artificial body placed in orbit round the Earth or moon or another planet in order to collect information or for communication
solar system	the collection of eight planets and their moons in orbit round the sun, together with smaller bodies in the form of asteroids, meteoroids, and comets.
space	the area outside Earth's atmosphere, where the planets and the stars are:
star	a very large ball of burning gas in space that is usually seen from the Earth as a point of light in the sky at night:
sun	the star that provides light and heat for the Earth and around which the Earth moves:
universe	all existing matter and space considered as a whole; the cosmos believed to be at least 10 billion light years in diameter, containing a vast number of galaxies



During the term you will:

- show what you know about the Earth, sun and moon
- understand the relative sizes of the Earth, moon and sun
- know what creates night and day
- know what creates the seasons of the year
- know how long an orbit of the Earth takes
- investigate the Moon's phases and orbit of the Earth
- order the planets from the sun
- describe our solar system and explain what is known about it


 Year 5 Topic
 Knowledge Organiser
 Earth and Space



Space facts

1543 - Nicolaus Copernicus formulated a heliocentric model of the universe.

1957 - 4th October 1957, Russia launched the first satellite into space; Sputnik 1 and the space age had properly begun!

1957 - Russian space dog, Laika, became the first animal to orbit the earth.

1961 - Russian Cosmonaut, Yuri Gagarin, became the first man in space.

1969 - First men walked on the moon

