



We are Scientists...

Earth and Space

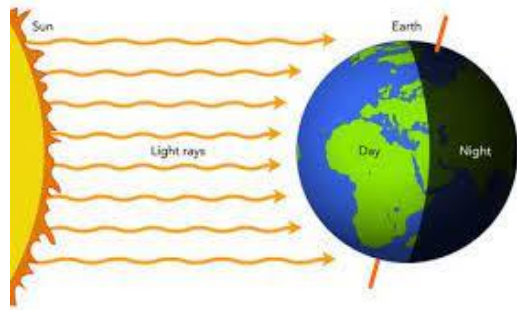
We are curious, we are unique, we are together, we are Whiteshill!

Vocabulary

Orbit – path through space

Axis – imaginary line through the centre

Sun – star at the centre of our Solar System (planets which orbit the sun).



Day and Night

Earth spins on its axis from west to east every 24 hours creating day and night.

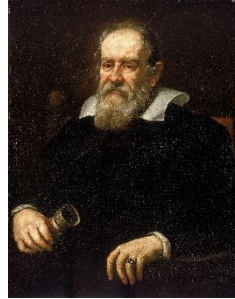
Day – facing the sun

Night – facing away

Sun looks like it is moving across the sky, but it is not – we are.

Galileo

Astronomer and Inventor

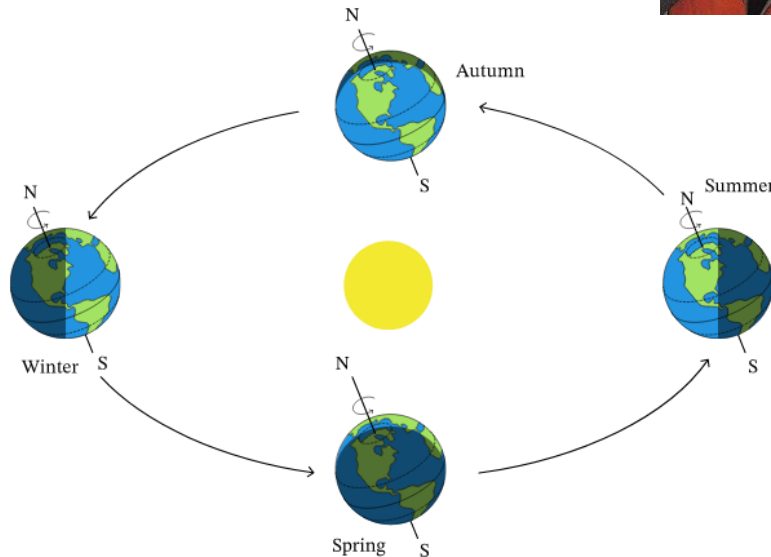


Seasons

Earth orbits around the sun once every year.

Earth's tilted axis causes seasons.

When pole is tilted towards the sun it is summer, when tilted away it is winter.



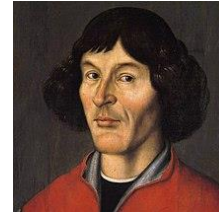
The Moon

Moon – celestial body that orbits a planet.

Jupiter has 4 moons

Earth has 1 moon

Our moon travels around the earth every month spinning on its axis.



Nicolaus Copernicus

Heliocentric model

Planets in our Solar System

8 planets:

Mercury

Venus

Earth

Mars

Jupiter

Saturn

Uranus

Neptune

