

5E EARTH, SUN AND MOON

Glossary

astronomy – the study of planets, stars and space

axis – an imaginary line passing through the centre of a spinning object

compass – a device used to locate directions – the four points of the compass – north, east, south and west

crescent moon – the phase of the moon when the moon appears as a thin curved, piece

day or day-time – the time in the day when planet Earth is facing the sun

full moon – the phase of the moon when the moon appears as a complete circle

moon – a large object which orbits a planet. Moons are not sources of light

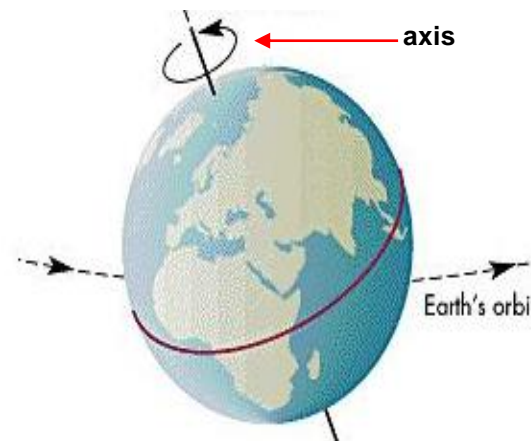
night or night-time – the time of the day when planet Earth is facing away from the sun

orbit – the path taken by a moon around a planet or a planet around a star

phases of the moon – the different shapes of the moon as they appear on Earth



Astronomy is the study of **planets** and **stars**



The Earth is a **sphere** which **spins**, **revolves**, or **rotates** on its **axis** while it **orbits** the sun.



Solar Eclipse

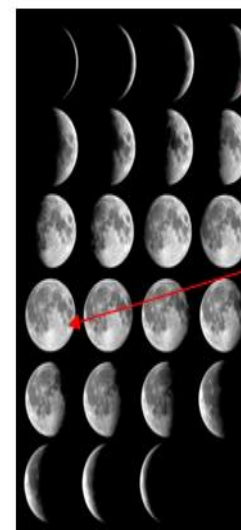


Sunrise is when the sun comes up at the start of the **daytime**, **sunset** is when it goes down at **night time**



Compass

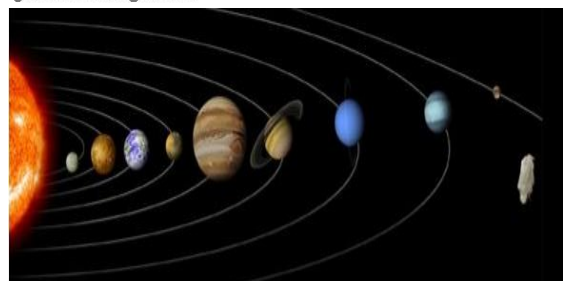
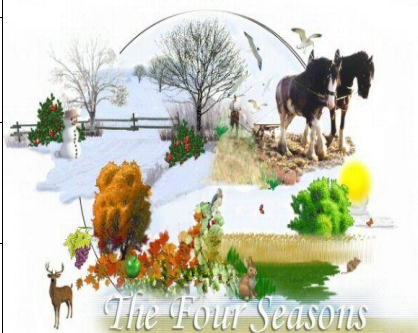
Phases of the moon



Crescent moon

Full moon

The moon is a natural **satellite** that orbits the Earth



The nine planets in our **solar system** orbit the sun.

planet – a large object that orbit a star. Planets are not sources of light

revolve, spin, rotate – to turn around a point

rotation – the turning of an object such as the Earth on its axis – to **rotate** - verb

satellite – any object which orbits another. Moons are natural satellites. Man made satellites that orbit the Earth are used for tracking, astronomy and telecommunications

season – times of the year when there are significant differences in the amount of day-light

solar eclipse – when the sun, moon and Earth are lined up such that the moon appears to cover the sun and a shadow is cast on the Earth

Solar system – our sun, Sol, and its planets and their satellites

sphere – an object which is ball shaped

stars – massive objects that release energy in the form of heat and light e.g our sun

sunrise – the time of day when the sun appears to rise above the horizon to begin the day

sunset - the time of day when the sun appears to fall below the horizon to end the day