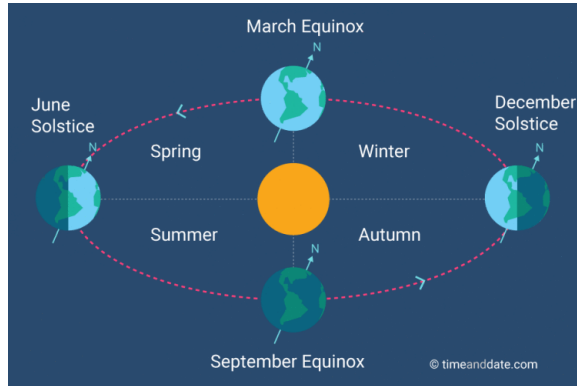


Year 3 and 4 Science Knowledge Organiser – Seasonal Change

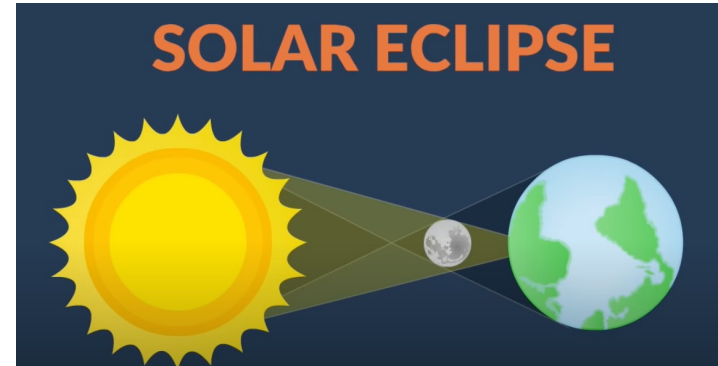
Working Scientifically Vocabulary	Meaning
observation	An observation is something that you have learned by seeing or watching something and thinking about it.
recognise	To notice or understand what has happened.
cyclical	Something is cyclical if it happens again and again in the same order.

Scientific Vocabulary	Meaning
change	When something is different.
season	Four parts of the year marked by different weather patterns.
tilt	a sloping position
axis	An imaginary line an object turns around.
solar eclipse	When the Moon comes between Earth and the Sun. It blocks the Sun for a time so that people on Earth cannot see it.
solstice	Two special times a year when the sun is at its highest and lowest position in the sky.
equinox	When the Sun is exactly over the Equator. The hours of daylight and darkness are equal almost everywhere on Earth.
leap year	A leap year is a year in which February is longer. It has 29 days in it instead of 28 days.
ultraviolet light	The sun gives off ultraviolet light and if we have too much of it can damage our skin and eyes.

The Earth orbits the Sun once every year. At different times, some parts are pointing away from the Sun (winter) whilst others are pointing towards it (summer).



When the Moon comes between Earth and the Sun. It blocks the Sun for a time so that people on Earth cannot see it.



What I Already Know...

- The light from the sun can be dangerous but there are ways to protect my eyes.
- We need light in order to see things and that dark is the absence of light.
- The earth rotates on a tilt and this is what gives us our seasons.
- The seasons are cyclical: autumn-winter-spring-summer and then it starts all over again!

