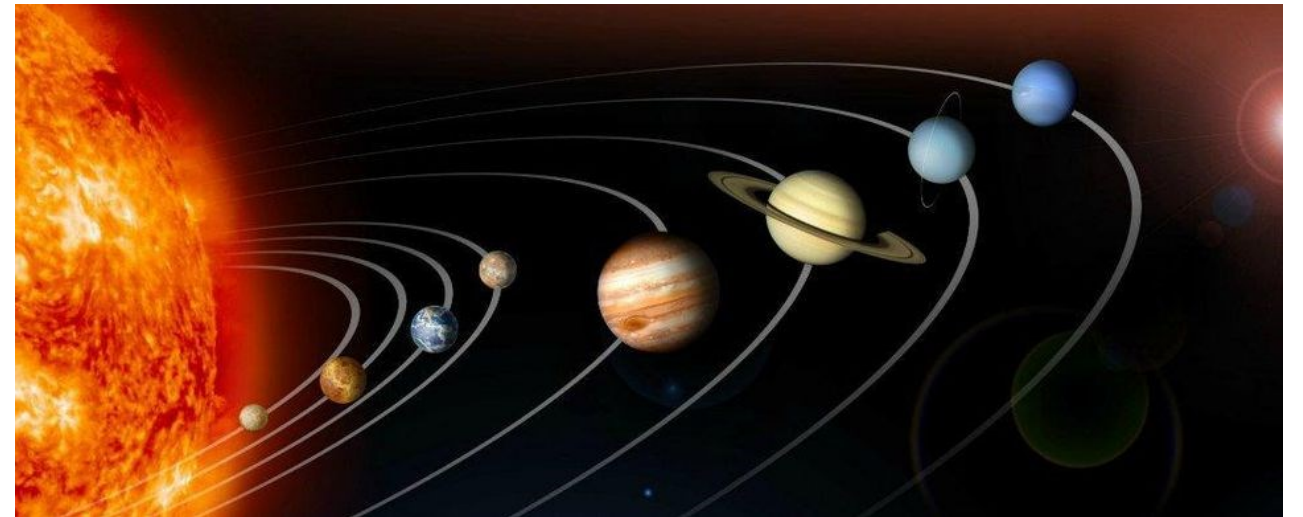


# Year 5



## Earth and Space

Key Vocabulary			



### Pre existing knowledge

- We have four seasons (Autumn, Winter, Spring and Summer).
- The Sun is a source of light but the Moon is not.
- A shadow is caused when an object blocks light from passing through it.
- The properties of a sphere.

### Key Vocabulary

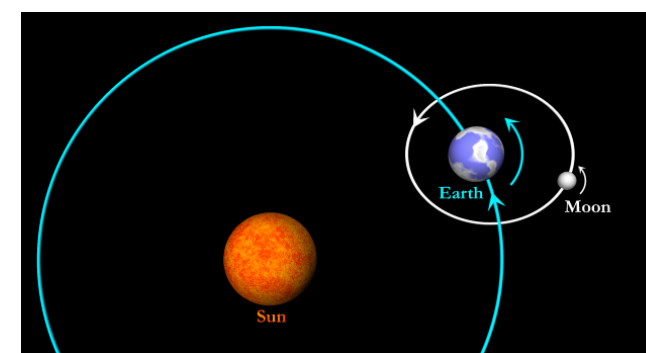
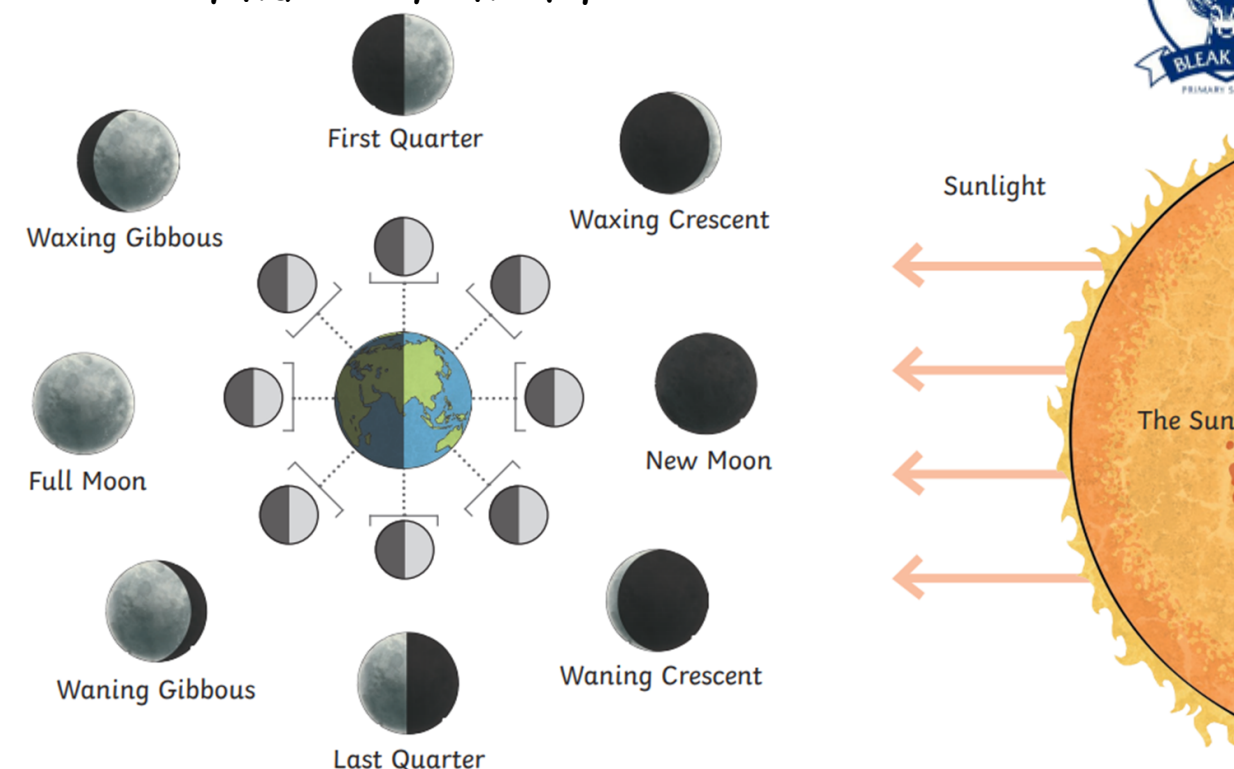
Sun	A huge star that Earth and the other planets in our solar system orbit around.
Star	A giant ball of gas held together by its own gravity.
Moon	A natural satellite which orbits Earth or other planets.
Planet	A large object, round or nearly round, that orbits a star.
Sphere	A round 3D shape in the shape of a ball.
Spherical bodies	Astronomical objects shaped like spheres.
Satellite	Any object or body in space that orbits something else.
Orbit	To move in a regular, repeating, curved path around another object.
Rotate	To spin.
Axis	An imaginary line that a body rotates around.
Day	When light is visible from the Sun.
Night	When the Sun's light is reflected from the moon onto the Earth.
Rotation	Turning in a complete circle.
Phases	Phases of the moon- how the moon looks different from the Earth.
Solar System	The collection of eight planets and their moons that orbit the Sun.

### Famous Scientists and Astronomers:

Albert Einstein, Isaac Newton, Galileo Galilei, Nicolaus Copernicus, Johannes Kepler,

Carl Sagan and Edwin Hubble

### Phases of the Moon



- The Sun, Earth and Moon are approximately spherical.
- The Earth orbits the Sun.
- The Moon orbits Earth.

### Our Solar System

