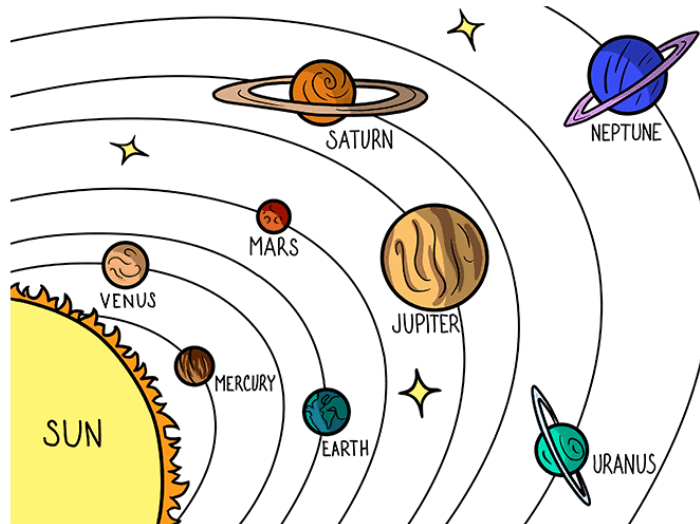


### Solar System

There are **8 planets** in our solar system. The **sun, which is a star**, is fixed in the **centre** of them.



### Moon Phases

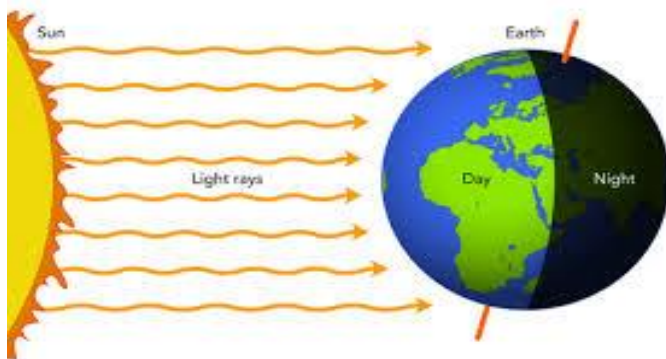
Every **28 days**, the **moon orbits the Earth**.



### Key Vocabulary

	Word	Definition
1.	Solar system	The collection of eight planets & their moons that orbit around the Sun.
2.	Rotate	The action of moving around an axis or center.
3.	Orbit	The path of an object around a star or planet.
4.	Axis	An imaginary line which an object rotates on.
5.	Lunar eclipse	An astronomical event that occurs when the Moon moves into the Earth's shadow, causing the Moon to be darkened.
6.	Solar eclipse	The Moon passes between Earth and the Sun, thereby blocking the view of the Sun from a small part of the Earth.

### Day v's Night



**The Earth completes a full rotation every day (24 hours).** When our side of the Earth is facing the Sun, it is day time. When our side of the Earth is facing away from the Sun, it is night time.

It takes **365 ¼ days** for the **Earth to orbit the sun**. This creates one calendar year.