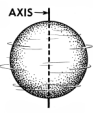
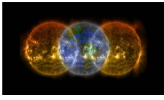
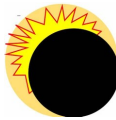
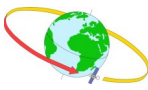
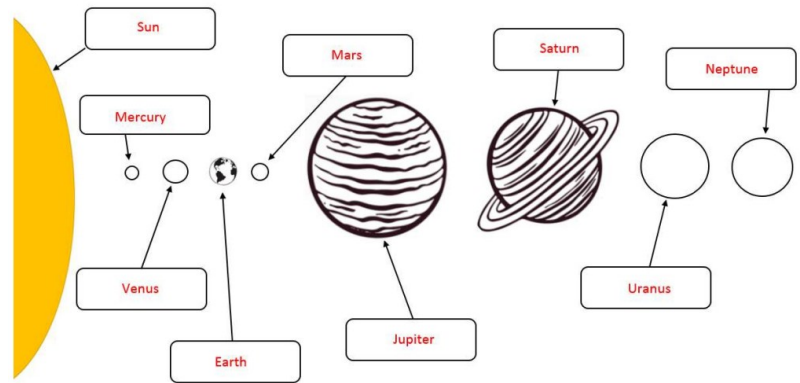


Vocabulary

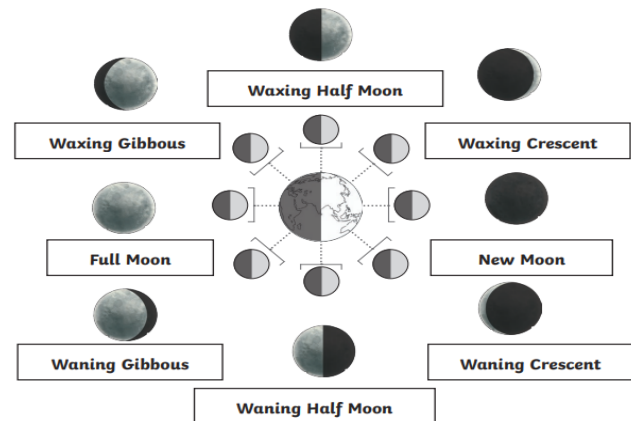
axis		A real or imaginary line through the centre of an object around which it turns
celestial body		A natural object visible in the sky
eclipse		Blocking our view of the sun, moon or planet by another heavenly body
lunar		To do with the moon
orbit		The curved path in which a planet, satellite or space-craft moves in a circle around a body
planet		A large body in outer space that circles around the sun or another star
rotation		To turn around an axis
satellite		A heavenly body that moves around a planet or another large body
solar		To do with the sun
solar system		Our sun, eight planets and their moons
star		Heavenly bodies visible from earth as points of light in the sky
universe		All matter and energy; all existing things

The Solar System



- The **sun** is a huge ball of **burning gas** that produces heat and light. It is a **star**.
- The sun is the centre of our **Solar System**.
- The planets in our Solar system **all orbit the sun**.
- The planets closest to the sun have a short orbit while the planets furthest from the sun have a much longer orbit.

The Lunar Cycle



- The **moon orbits** Earth in a oval shaped path while spinning on its **axis**
- At various times in a month, the moon appears to be different shapes because the sun lights up different parts of it.

Day or Night?

A rotation of the Earth means that it moves on its own **axis**. It takes **24** hours for it to make one complete **rotation** which equals one entire **day**. The Earth takes approximately **365** days to complete one **revolution** around the sun in an elliptical **orbit**. 365 days is equivalent to **1** year. The moon is a **celestial** body which orbits the Earth. It takes the moon **28** days to complete one revolution around the Earth.

