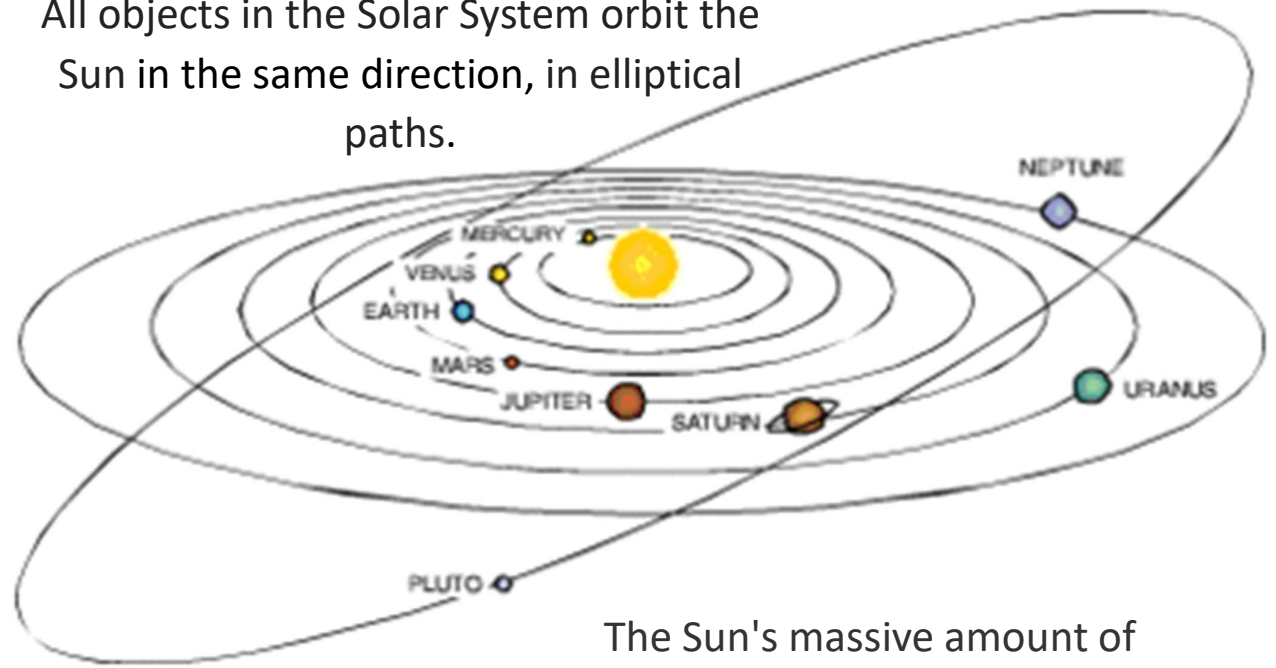


## Knowledge Organiser – Space (Science Year 5)

**Big Question: Will the moon be a future holiday destination?**

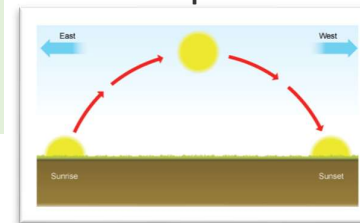
Key Vocabulary	Definition
Planet	Large celestial bodies.
Earth	Planet on which we live and the third in order from the Sun.
Sun	A star around which the Earth orbits.
Solar System	Collection of eight planets and their moons in orbit round the sun.
Moon	Earth's natural satellite.
Celestial body	Object always present in the sky.
Orbit	Curved path of a celestial body.

All objects in the Solar System orbit the Sun in the same direction, in elliptical paths.



The Sun appears to move due to the Earth's rotation.

The Sun's massive amount of gravity, due to its huge mass, keeps the Solar System together.



The Earth completes one full rotation every 24 hours.

A “year” is the period of time this planet takes to complete one orbit around the Sun.

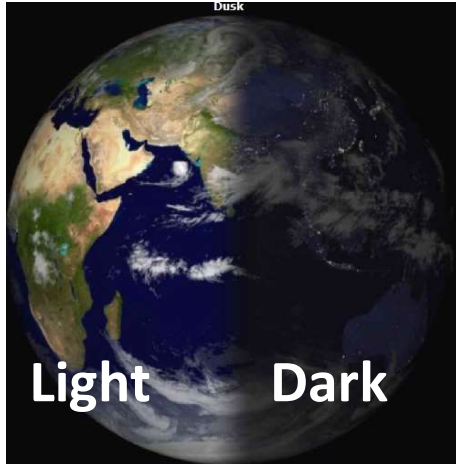
**Rotate = spins around**

**Orbit = moves around**

## Knowledge Organiser – Space (Science Year 5)

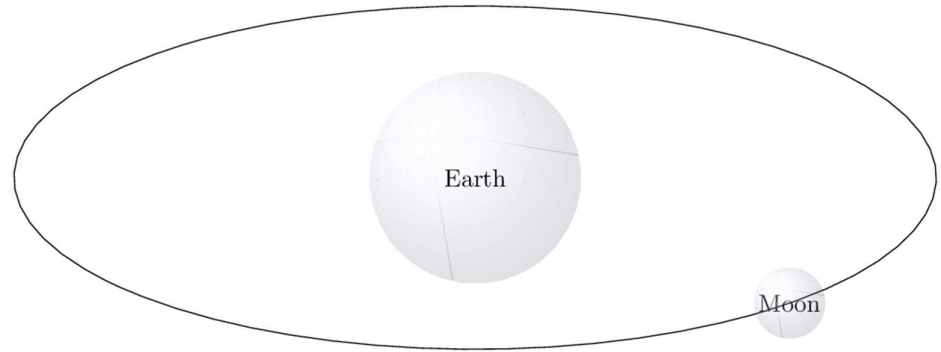
Big Question: Will the moon be a future holiday destination?

It takes the moon 28 days to orbit the Earth.



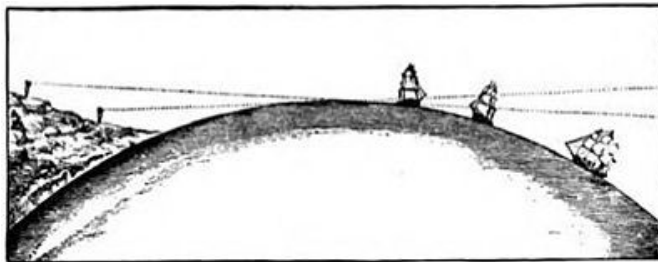
When the place where you are on Earth is facing the sun, it is daytime.

When it is not facing the Sun, it is night time.



Evidence for the **Earth** being **spherical**:

Ships disappearing over the horizon.



Shadow on the moon during an eclipse.

