



Helston
Science
Department

Space

Topic outcome:

The Universe– Key words: planets, moon, star, galaxy, meteorite, comet, exoplanet.

Moons orbit planets.

Planets orbit stars.

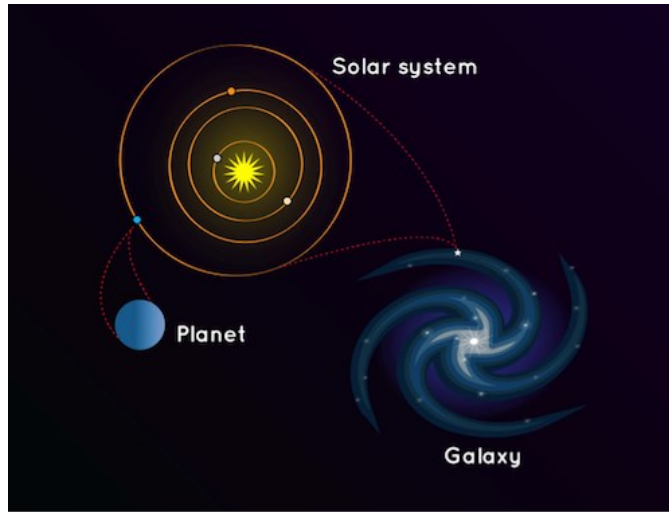
Our sun is a star.

Stars orbit the centre of the galaxy.

Our galaxy is the milky way.

Galaxy's are part of the universe.

The Universe started with the Big Bang.

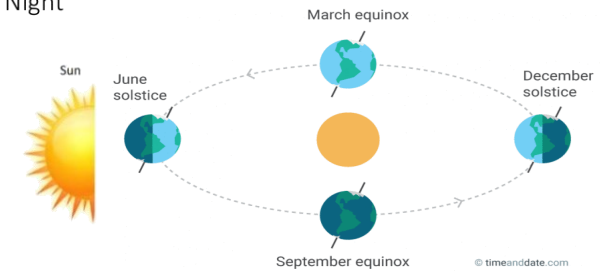
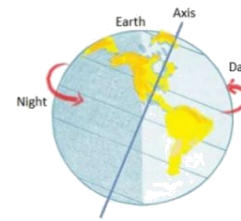


Our Solar System



Seasons, Day and Night

Earth's rotation causes Day and Night



Eclipses

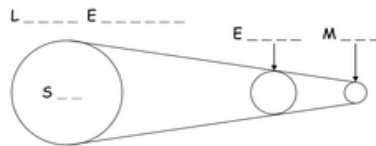
Key words:

Umbra

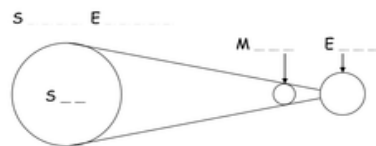
Partial eclipse

Total eclipse

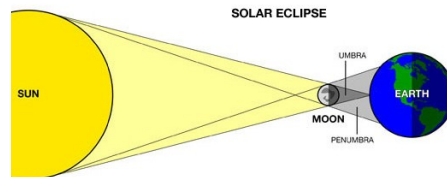
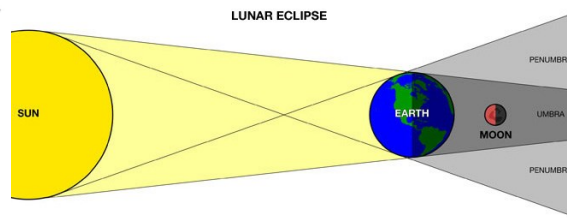
Penumbra



A lunar eclipse happens when the E comes in between the S and the M. This casts a shadow over the M.



A solar eclipse happens when the M comes in between the S and the E. This casts a shadow over the E.



Phases of the Moon

Moon

New moon

Waxing crescent

first quarter

waxing gibbous

full moon

waning

last quarter

waning crescent

