

TOPIC: THE SOLAR SYSTEM

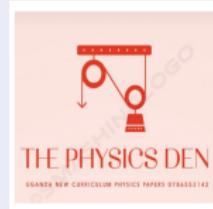
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- The solar system is the collection of celestial bodies that orbit around the Sun with the sun inclusive.

KEY words

- Solar
- ocean tides
- Phases of the moon
- Day and night
- Seasons



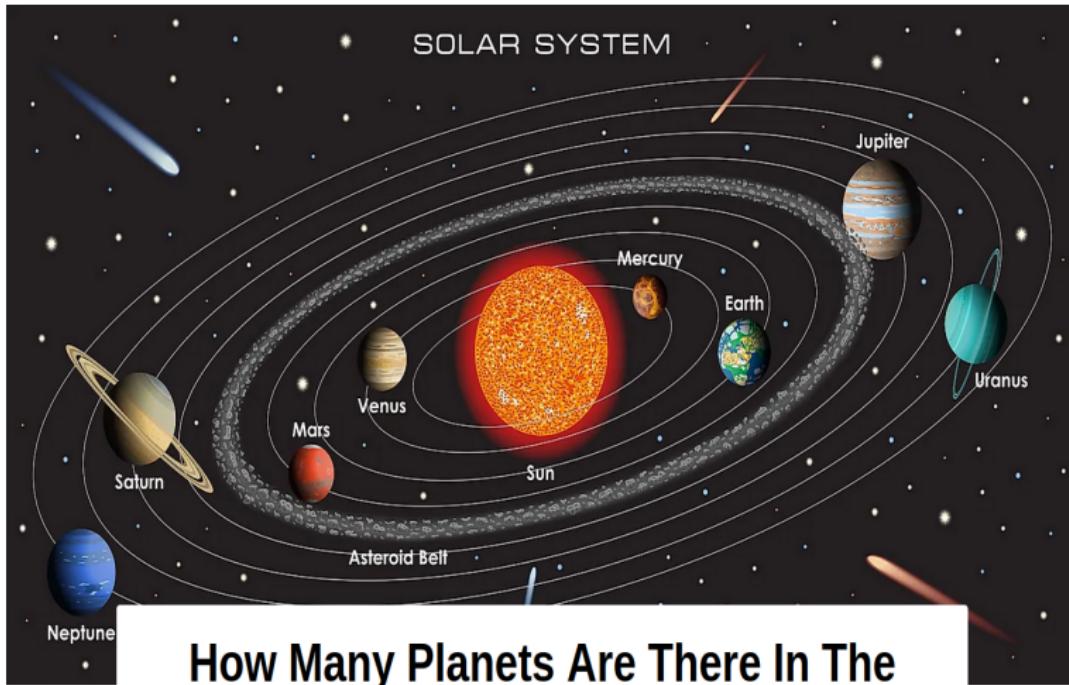
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Definition

The solar system is the collection of celestial bodies that orbit around the Sun.

COMPONENTS OF THE SOLAR SYSTEM

- The sun
- Planets
- Moons
- Comets
- Asteroids



How Many Planets Are There In The Solar System?

Comet



Sun

"MVEN
Mercury

JSV1

Jupiter (11.5 magnitude) is the fifth planet from the Sun and the largest in our solar system.

5
Sotomayor

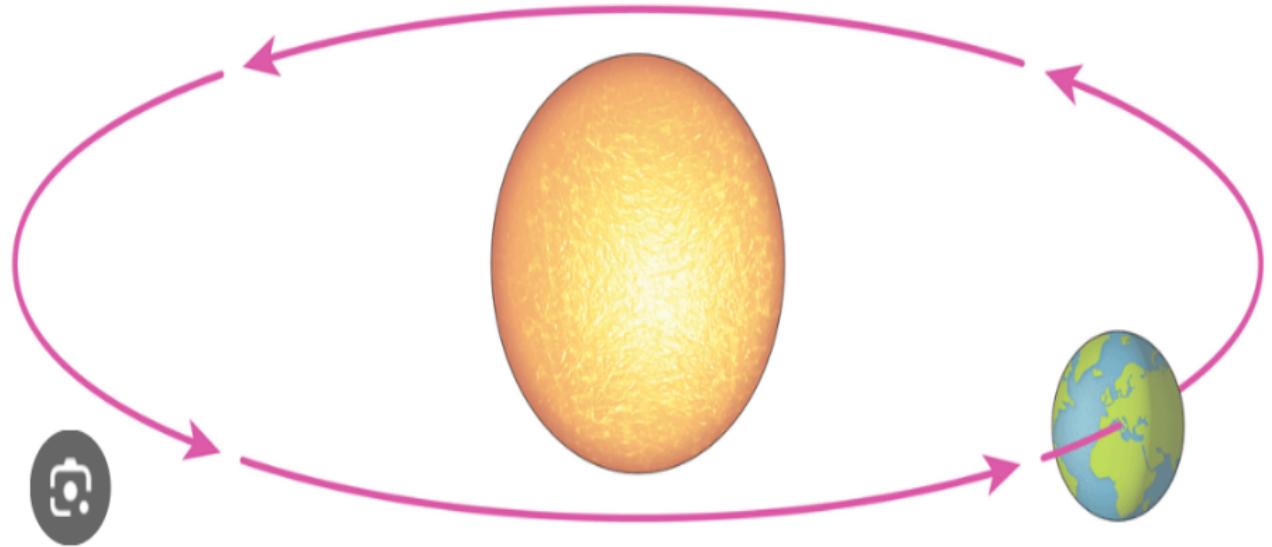
Urgans

N Neptune

MOTION OF PLANETS AROUND THE SUN

The motion of planets is both:

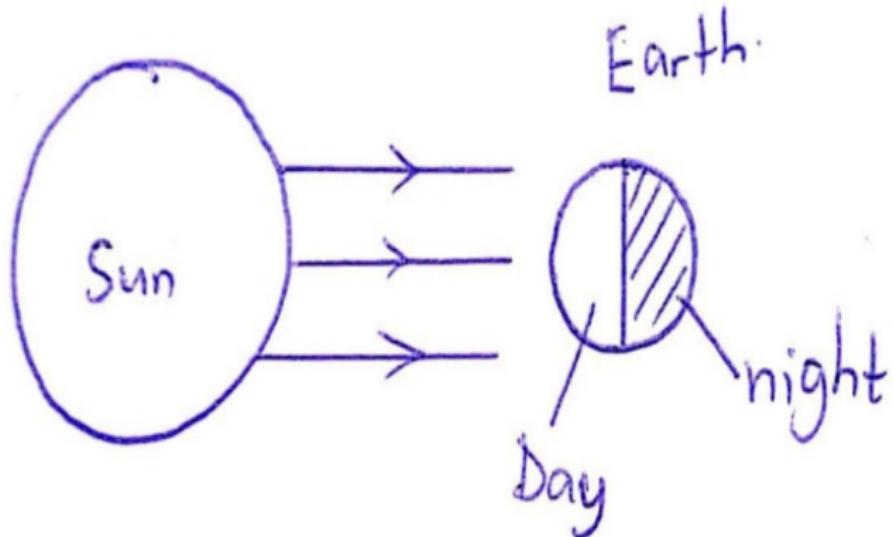
- Rotational
- Revolutions



DAY AND NIGHT

It caused by:

- 1. Shape of earth (Spherical).
- 2. Rotation of the earth about its axis.



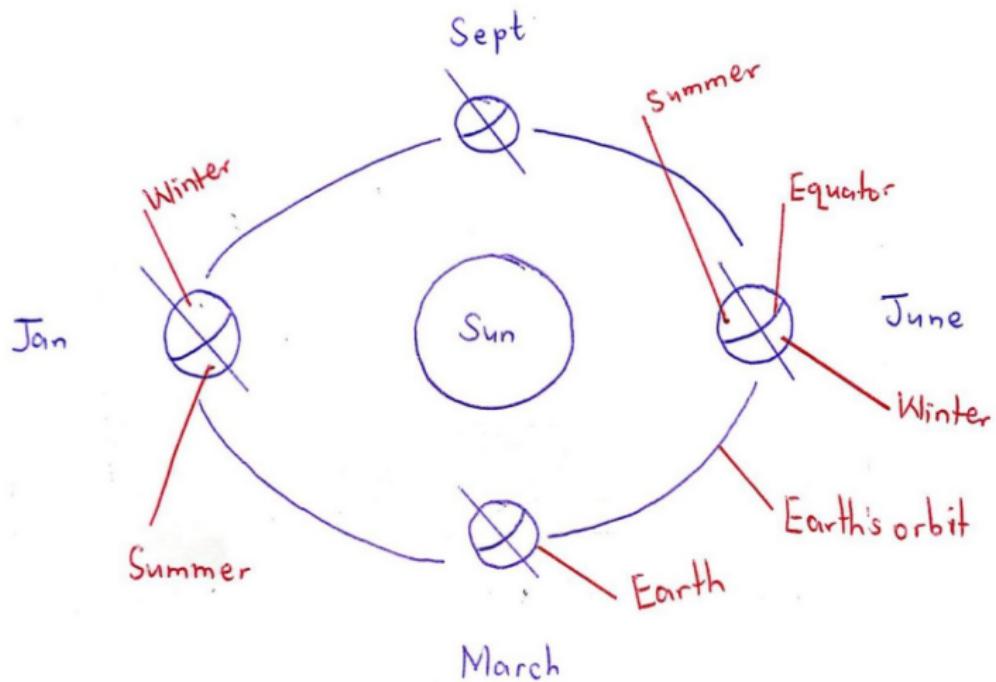
THE SEASONS ON EARTH

Seasons are caused:

- 1. Revolution of the earth around the sun.
- 2. Axis of the earth is tilted.

They include:

- 1. Dry and Wet seasons (For equatorial regions)
- 2. Winter and Summer, Spring and Autumn



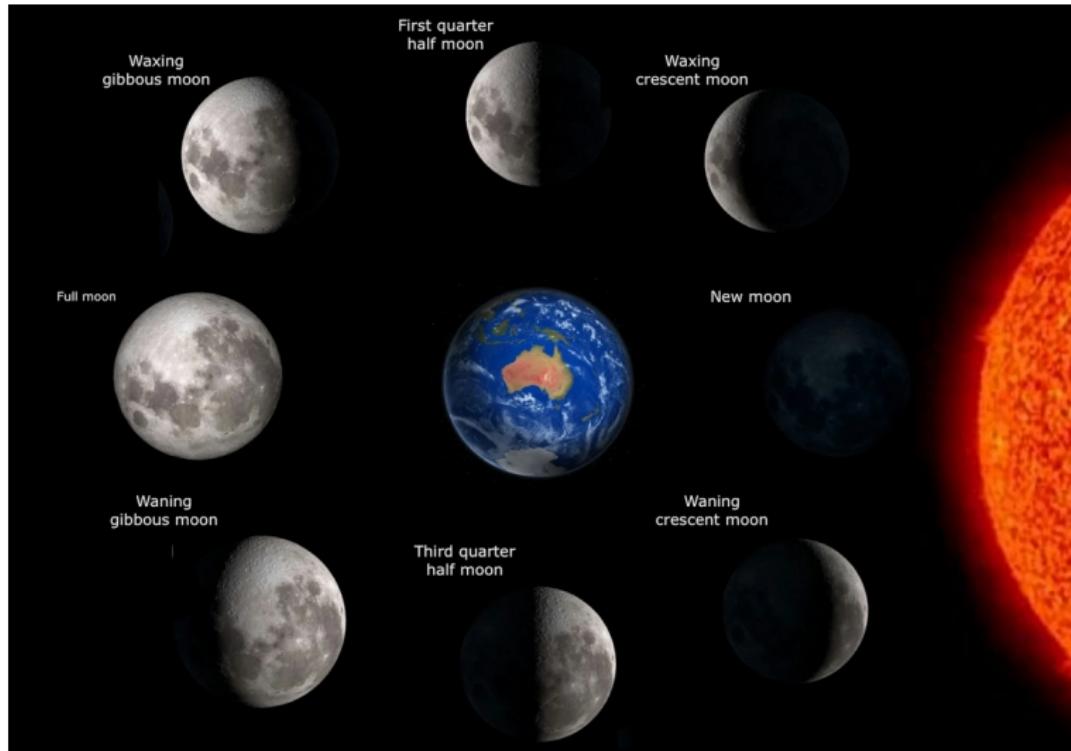
THE MOON

- The moon is about a quarter of the size of the earth in width
- The moon is at a distance of about 384,400 km from the earth
- The moon is the largest natural satellite on the earth.

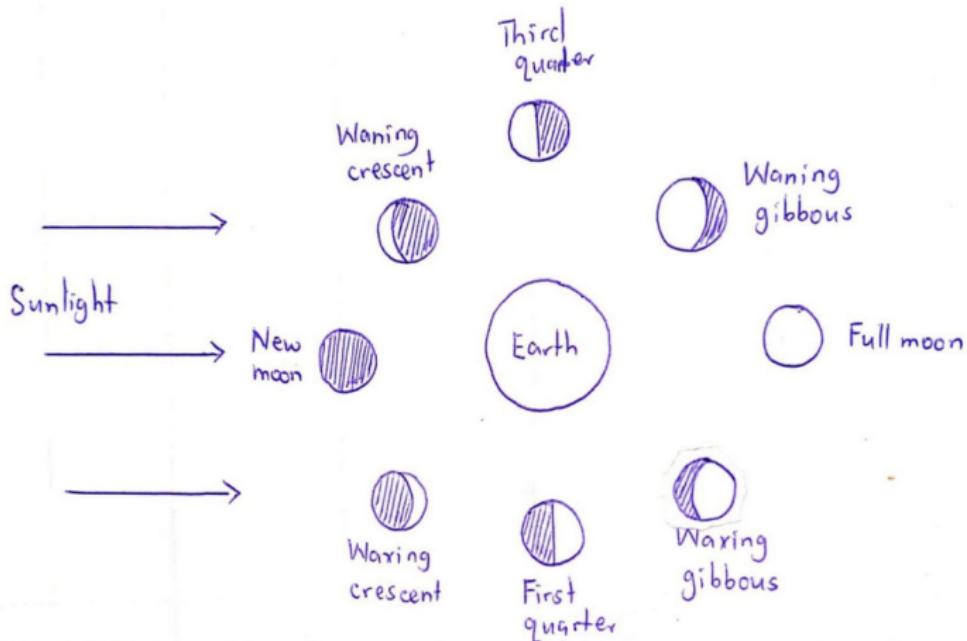


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PHASES OF THE MOON



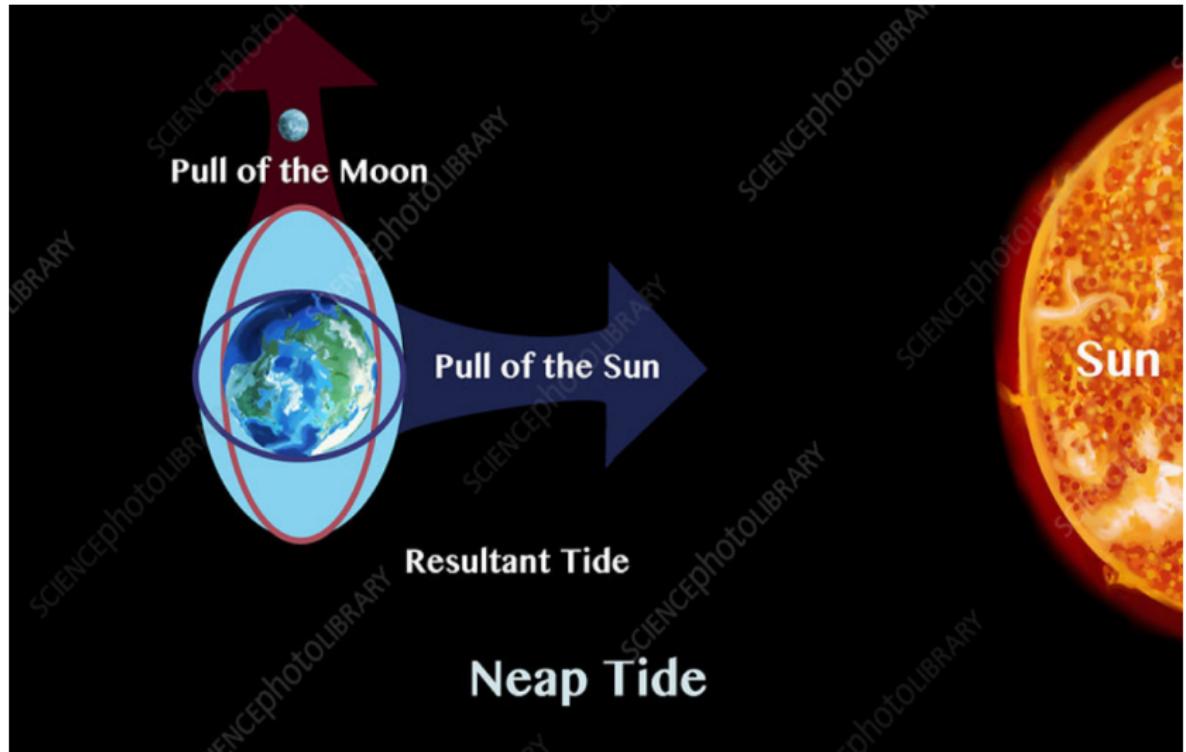
PHASES OF THE MOON



OCEAN TIDES

Tides are categorized into:

- High tides.
- Low tides.



Spring Tide



ORIGIN AND STRUCTURE OF THE UNIVERSE

- Biblical theory.
- Steady state theory.
- Big bang theory (Scientific theory of evolution).

END