

SUN

MERCURY

VENUS

EARTH

MARS

JUPITER

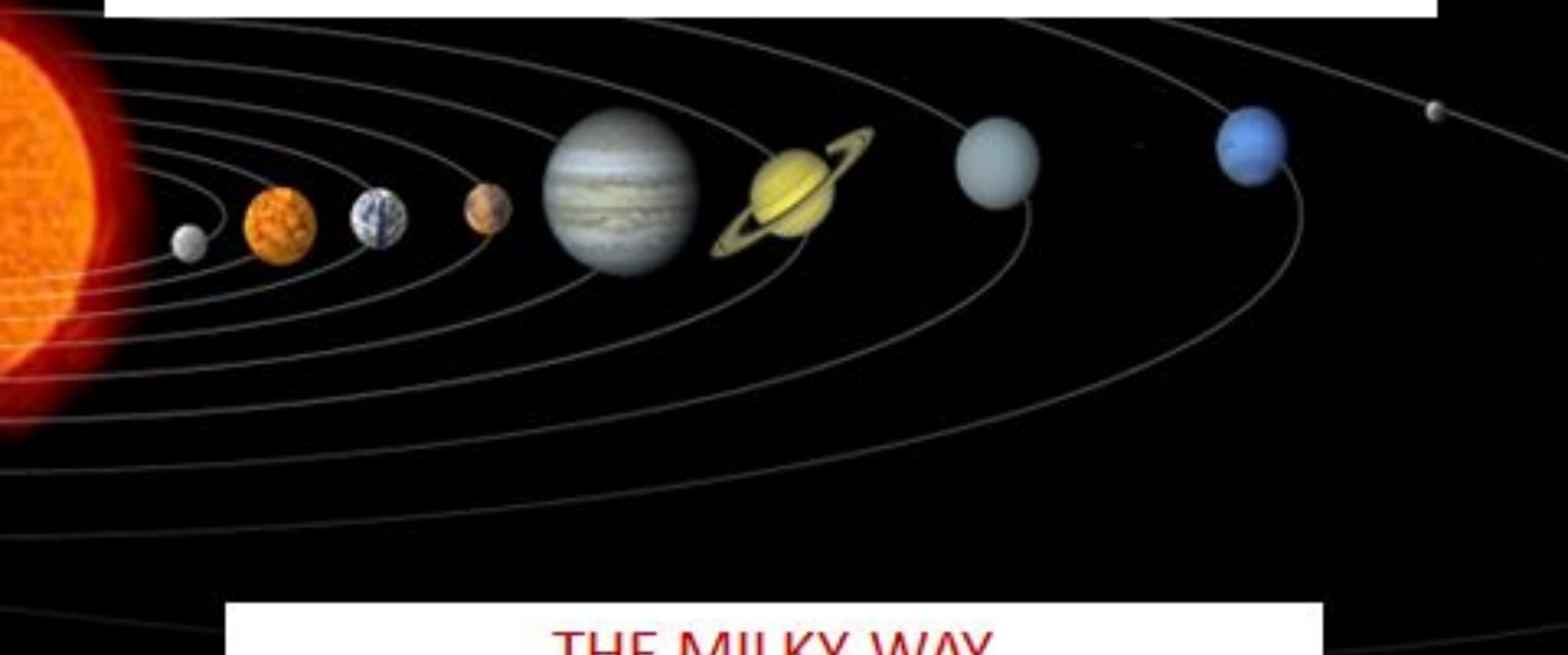
SATURN

URANUS

NEPTUNE

PLUTO

OUR SOLAR SYSTEM



THE MILKY WAY

- 1.It is a huge group of stars and planets.**
- 2.It is a space and everything that exist in it.**
- 3.It is a place far above the Earth where there is no air.**
- 4.It is a rocket or other vehicle that can travel in space.**
- 5.It is a large, round object that goes round a star.**
- 6.It is the Sun together with the planets going round it.**

1. Who was the first man to fly into space?

2. Who was the first woman to fly into space?

3. Who was the first astronaut to walk on the Moon?

4. How many planets are there in the Solar System?

- **Uranus**
- **Jupiter**
- **Venus**
- **Neptune**
- **Earth**
- **Saturn**
- **Mars**
- **Mercury**

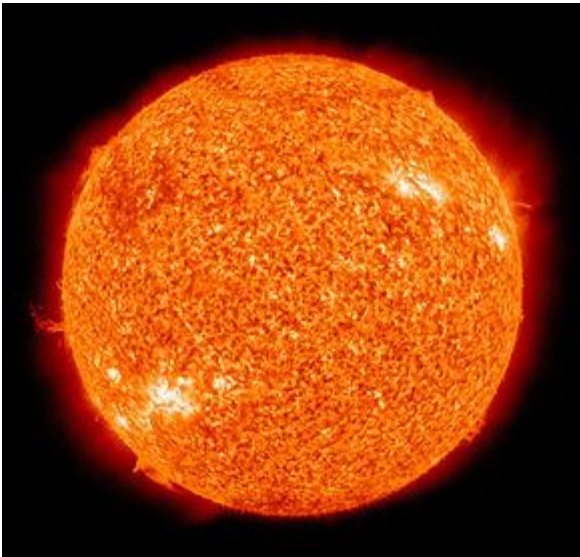
What is Solar System

- The Sun, its planets and all the objects moving around them are called the Solar System.
- The Solar System is entirely dependent on the Sun which has its own light.
- Rest of the planets reflect the light received from the Sun

Sun –Star of the Solar System

- It is the source of all energy for life on the Earth.
- About three quarters of the its mass consists of hydrogen, while the rest is mostly helium.
- On its surface ,there are dark patches known as sunspots. These are patches of gas that looks dark since they are cooler than their surroundings.

Sun –Star of the Solar System



- It 's the heaviest among solar system
- It is a ball of hot burning gases.
- It is the nearest star to the earth.
- The light from the Sun takes appx. 8 minutes to reach the Earth.

Earth –The Blue Planet

- It orbits the Sun once in about 365 days.
- It rotates about its own axis, thus creating day & night. It takes 24 hours to do that.
- It revolves around sun, due to its tilt ,seasons are created.
- The Moon is the only satellite of it.

Earth –The Blue Planet



- It is also known as watery planet, because 70% of its surface is covered by water.
- The earth's atmosphere scatters the light & creates a blue effect, so it is also called Blue Planet..
- The only planet having life .

Mercury –The Innermost Planet

- It is the smallest.
- It does not have any satellite.
- There is no water or atmosphere.
- It can be seen with naked eyes.
- It orbits the Sun once in about 88 days
- There are no seasons on its surface

Mercury –The Innermost Planet



- It is named after messenger of the Roman gods
- It is the closest planet to the Sun
- Large variations in day (400 degree C) & night (-180 degree C) time temperatures.

Venus –The Veiled Planet



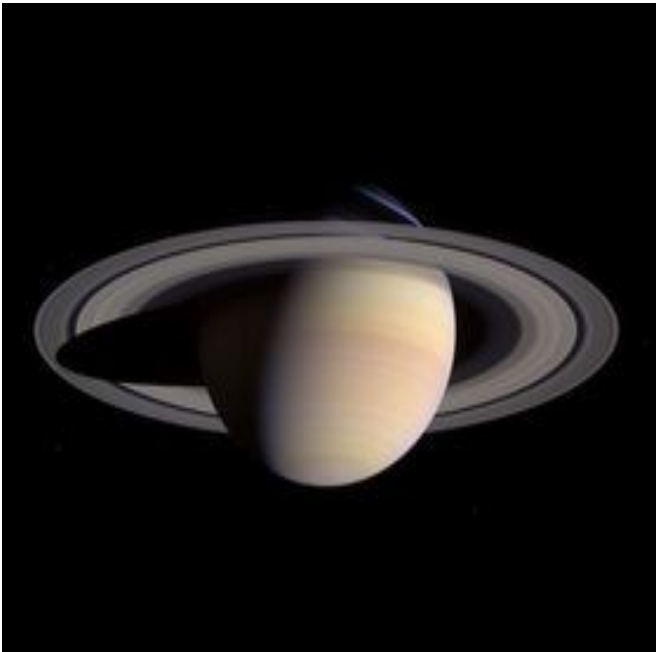
- It is also known as the Morning Star or Evening Star.
- It is the brightest & hottest planet.
- It is named after Roman goddess of love & beauty .

Moon –The Earth’s Only Satellite



- Its diameter is only $1/4^{\text{th}}$ of the Earth
- It looks bigger as it is very close to us.
- There is no water on its surface.
- Its gravity is $1/6^{\text{th}}$ of Earth, so your weight would be $1/6^{\text{th}}$ of your weight on the earth.

Saturn –The Jewel Planet



- It is the sixth planet from the Sun and the second largest planet in the Solar System, after Jupiter.
- It is named after the Roman god Saturn
- It is classified as a gas giant planet

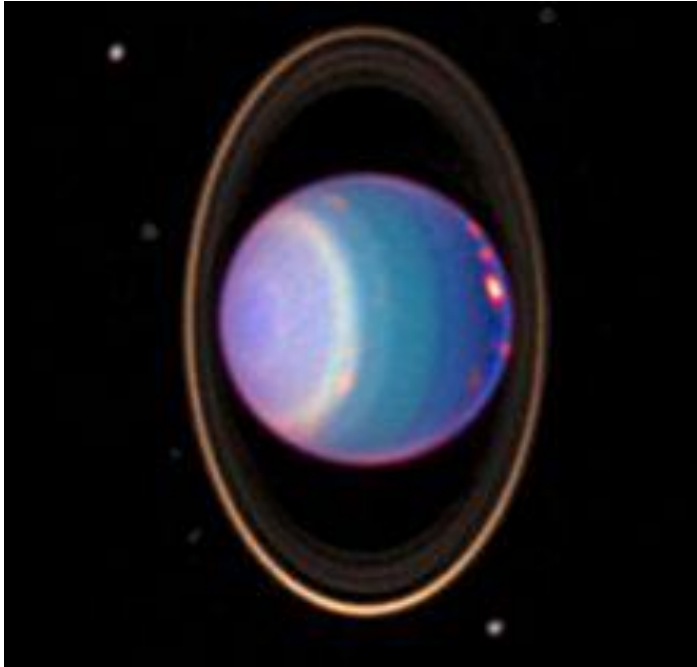
It is the most beautiful planet in solar system because of its spectacular rings

Mars –The Red Planet



- It is named after the Roman god of war.
- It is often described as the "Red Planet", as the iron oxide prevalent on its surface gives it a reddish appearance

Uranus –A planet on its *Side*



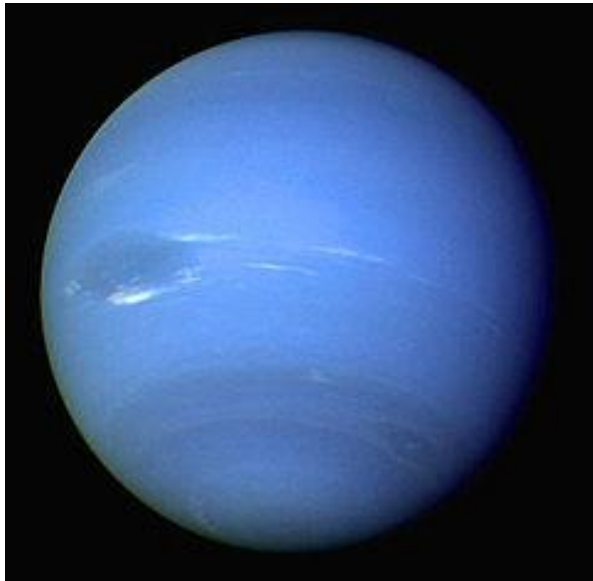
- It appears to lie on its side.
- It is named after the Roman god of the sky.
- It has 27 known satellites
- It is a very cold planet.

Jupiter –The **Giant** Planet



- It is named after the ruler of Roman gods.
- It is the largest planet within the Solar System
- It has a great Red Spot, the rotating storm system inside the planet.

Neptune –The Last Giant



- The most distant gas planet.
- It is named after the Roman god of sea .
- The most windy planet.

1. Which is the lightest among all?

Mars

Saturn

Moon

Neptune

2. Red Planet -It is other name of which planet?

Mars

Saturn

Uranus

Neptune

3. Which planet is known as Vacuum Cleaner?

Mars

Moon

Saturn

Jupiter

4. If your weight on earth is 42 kg, what would be your weight on moon?

42

84

52

7

-
- **5. Which planet is known as Red Planet?**
- **Mars**
- **Venus**
- **Moon**
- **Saturn**
- **6. Saturn Rings are made of what material?**
- **Chocolates**
- **Stars**
- **Rocks & Ice**
- **Broken Stones**
- **7. Which one is Coldest Planet among all?**
- **Jupiter**
- **Moon**
- **Mars**
- **Neptune**
- **8. Which planet is known as the morning & evening star?**
- **Mars**
- **Moon**
- **Venus**
- **Saturn**

1. Green house Effect helps us in
Keeping temperature of earth balanced
Growing vegetables
Making planet green
Ozone layer protection

2. Ozone layer helps us by protecting us from
Germs
Aliens
Breathing
Harmful UV rays of Sun

3. Ice of glaciers would start melting & there would be more floods if temperature of Globe
Goes Up
Goes Down
Remains stable
None of these

4. Which one of following is not a green-house gas?
Carbon-dioxide
Oxygen
Methane
Nitrous-oxide

5. Trees are important to avoid Global Warming ,because they absorb

Oxygen

Carbon-dioxide

Water

Sun-light

6. Green house gases help in maintaining Earth's

Water level

Temperature level

Green level

Smoke level

7. Temperature of planet Earth would go up, if amount of green-house gases

Increases

Remains equal

Decreases

None of these