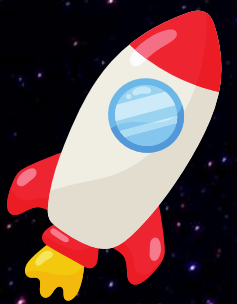
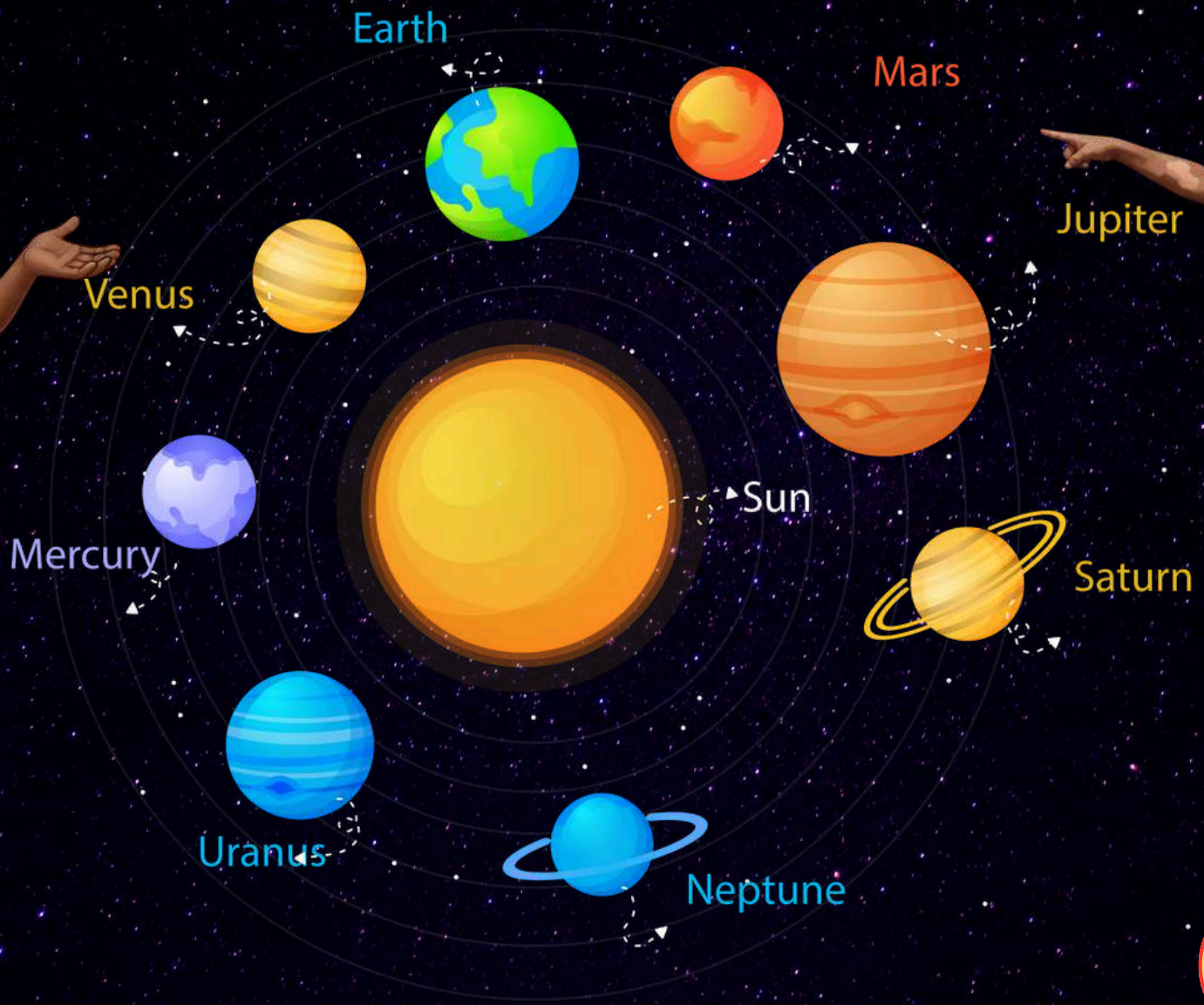


# THE SOLAR SYSTEM



# SOLAR SYSTEM

## WHAT IS THE SOLAR SYTEM?

The solar system consists of the Sun, the planets, and other heavenly bodies. It is one of the million stellar systems in the Earth's galaxy or nebula, known as the Milky Way. Galaxy or Nebula refers to a cluster or group of billions of stars, together with gases and dust, held together by gravitational forces.

## MERCURY CHARACTERISTICS

- First in order of distance from the sun
- Smallest planet
- Takes 88 Earth days to complete one revolution on its orbit
- Has the shortest orbit around the sun

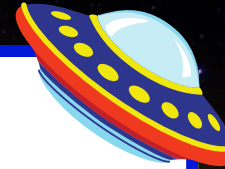
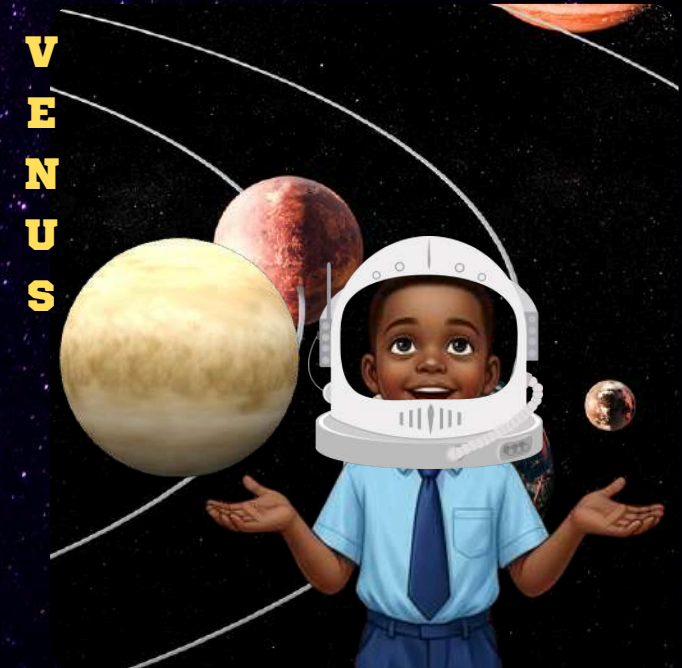
## VENUS CHARACTERISTICS

- Spherical in shape
- Hottest planet
- Similar in size and mass to Earth, has a thick atmosphere
- It takes Venus 225 days to complete its revolution

## MERCURY



## VENUS



# SOLAR SYSTEM

## EARTH

### CHARACTERISTICS

- The only known planet that supports life
- It is spherical in shape
- Takes  $365\frac{1}{4}$  days to complete one revolution on its orbit

## MARS

### CHARACTERISTICS

- Also called the red planet
- It is the fourth planet in terms of its position from the sun
- It is spherical in shape
- It takes Mars 687 days to make a revolution around the sun

## JUPITER

### CHARACTERISTICS

- Largest planet in the solar system
- It has rings around it
- Made up of gases • Its distance from the sun is 772,800,000 km

## EARTH



## MARS



## JUPITER



# SOLAR SYSTEM



## SATURN

### CHARACTERISTICS

- Second largest planet in the solar system
- It takes 29 Earth years to make one complete revolution on its orbit
- It is composed of gases, predominantly hydrogen



## URANUS

### CHARACTERISTICS

- Third largest planet
- The only planet that rotates on its sides - at nearly 90°
- The coldest in the solar system
- It takes Uranus 88 years to complete its orbit



## NEPTUNE

### CHARACTERISTICS

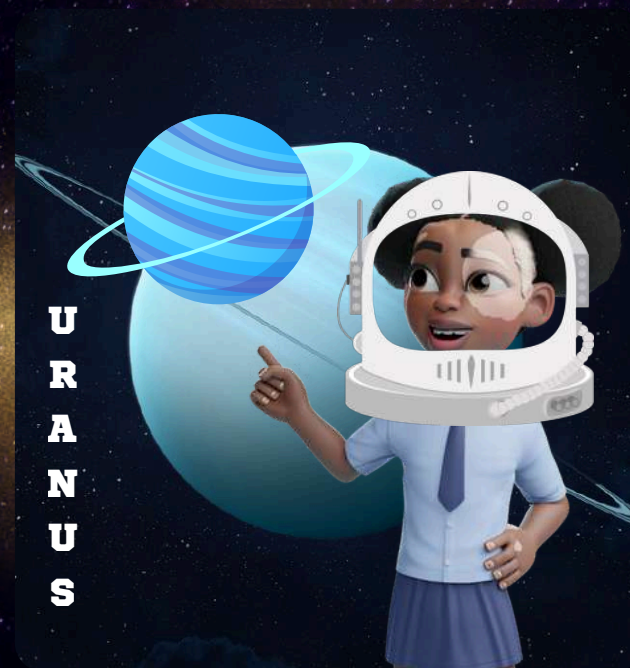
- The planet that is farthest away from the sun
- It is the fourth largest in the solar system
- It has an average distance of 4.5 billion km away from the sun



# SATURN



# URANUS



# NEPTUNE

