

# Mercury



**DISTANCE:** it is the **closest** planet to the sun.

**MOONS:** 0

**ATMOSPHERE:** it has no atmosphere.

**KIND OF PLANET:** rocky planet.

**RELEVANT INFORMATION:**

A year on Mercury is 88 Earth days.

Mercury has only one sunrise every 180 Earth days.

Mercury has 0.37 of Earth's Gravity (0.37G).

# Venus



**DISTANCE:** it is the **second** closest planet to the sun.

**MOONS:** 0

**ATMOSPHERE:** it has a thick atmosphere full of the greenhouse gas carbon dioxide and clouds made of sulfuric acid.

**KIND OF PLANET:** rocky planet

**RELEVANT INFORMATION:** it is still the hottest planet.

A day on Venus is a little longer than a year on Venus.

On Venus, the sun rises two times during each year.

Venus spins the opposite direction of Earth.

Venus has 0.9 of Earth's Gravity (0.9G).

# The Earth



**DISTANCE:** it is the **third** planet to the Sun.

**MOONS:** 1

**ATMOSPHERE:** it is mostly made of nitrogen and has plenty of oxygen for us to breathe.

**KIND OF PLANET:** rocky planet.

**RELEVANT INFORMATION:** water covers 70% of Earth's surface.

We measure the Gravity of other planets by the Earth's Gravity.

So the Earth's Gravity is 1G.

# Mars



**DISTANCE:** it is the **fourth** closest planet to the sun.

**MOONS:** 2 (Phobos and Deimos).

**ATMOSPHERE:** it has a very thin atmosphere made of carbon dioxide, nitrogen and argon.

**KIND OF PLANET:** rocky planet.

**RELEVANT INFORMATION:** it is a cold desert world.

It is red because of rusty iron in the ground.

Mars has seasons.

One year on Mars is 687 Earth days.

Mars has 0.38 of Earth's Gravity (0.38G)

# Jupiter



**DISTANCE:** it is the fifth closest planet to the Sun. 🍷

**MOONS:** 79

**ATMOSPHERE:** it is mostly made of hydrogen, helium, sulfur and nitrogen.

**KIND OF PLANET:** gas planet, it is mostly made of H and He.

**RELEVANT INFORMATION:** Jupiter is the biggest planet in our solar system.

It has big storms like the Great Red Spot.

Jupiter also has rings.

One day on Jupiter is 10h in the Earth.

Jupiter is much bigger than the Earth.

Jupiter's Gravity is 2.54G.

# Saturn



**DISTANCE:** it is the sixth closest planet to the sun. 🌌

It is second largest planet.

**MOONS:** 53

Most famous moon is Titan

**ATMOSPHERE:** thick atmosphere.

**KIND OF PLANET:** gas planet, mostly made of H + He.

**RELEVANT INFORMATION:** Saturn has 7 rings.

One day in Saturn goes by in just 10.7h.

Saturn's Gravity is 1.06 of Earth's gravity (1.06G).

# Uranus



**DISTANCE:** It is the seventh closest planet to the sun.

**MOONS:** 27

**ATMOSPHERE:** thick atmosphere.

**KIND OF PLANET:** ice planet mostly made of water, methane and ammonia fluid.

It has a small rocky center.

**RELEVANT INFORMATION:** Uranus has 13 rings.

Like Venus, Uranus rotates in the opposite direction as most other planets and it is the only planet that spins on its side.

Uranus has the same Gravity as Venus. The Gravity is 0.9G.

# Neptune



**DISTANCE:** it is the last planet of the solar system. 🔭

**MOONS:** 14

**ATMOSPHERE:** thick and windy atmosphere.

**KIND OF PLANET:** ice planet, mostly made of water, methane and ammonia fluid. It has a small rocky center.

**RELEVANT INFORMATION:** Uranus has 6 rings but we can't see them.

A year in Neptune is equal to 165 years in the Earth.

Neptune's Gravity is bigger than the one on the Earth. It is the second biggest in the Solar system. It's Gravity is 1.14G.