

Mercury

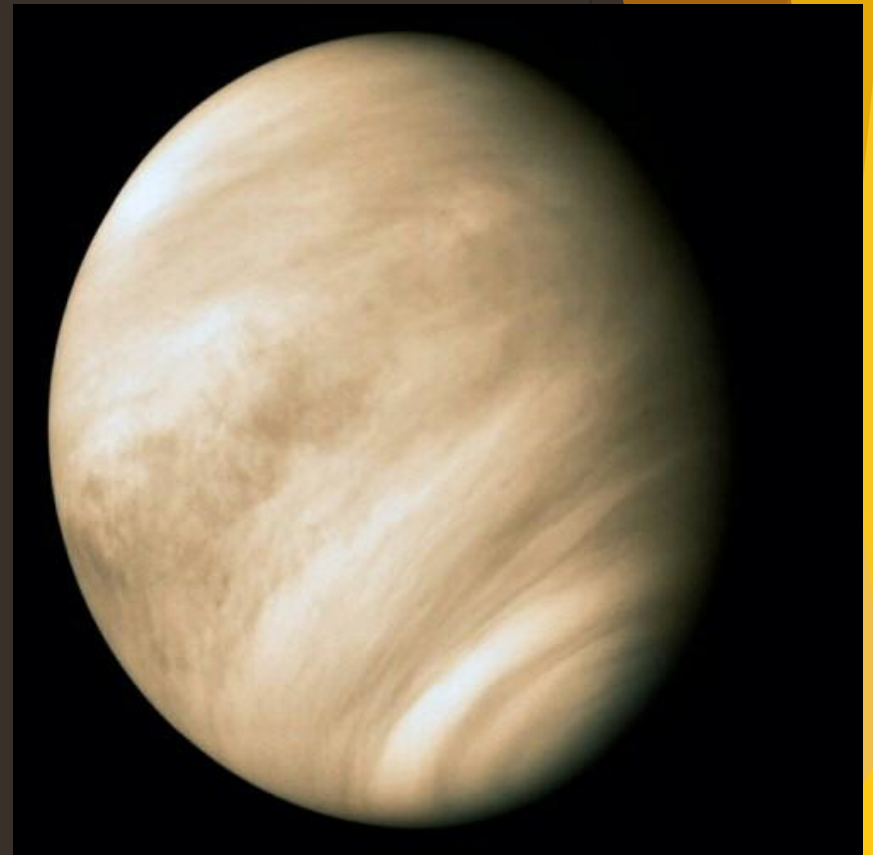
- ▶ Mercury is the planet nearest to the Sun.
- ▶ It is the second smallest of the planets.
- ▶ Mercury is dry, hot and virtually airless.
- ▶ There is no life on Mercury.
- ▶ Mercury has no moons.
- ▶ One day on Mercury lasts 58.7 earth days.
- ▶ It takes 88 days to orbit the Sun.



NASA/Science Source

Venus

- ▶ Venus is the second planet from the Sun.
- ▶ Venus is the hottest planet at 482°C
- ▶ Venus is covered with pale clouds which makes it difficult to see the surface of the planet.
- ▶ No life can exist on Venus.
- ▶ Venus has no moons.
- ▶ One day on Venus lasts 243 earth days.
- ▶ Venus has a tilt of 177° which means that it spins in a clockwise direction
- ▶ It takes 225 days to orbit the Sun.



Earth

- ▶ The Earth is the third planet from the Sun.
- ▶ The atmosphere on Earth protects it from the rays of the Sun.
- ▶ It has one moon.
- ▶ About three-quarters of the Earth's surface is covered in water.
- ▶ One day on Earth lasts 24 hours.
- ▶ It takes 365.25 days to orbit the Sun.



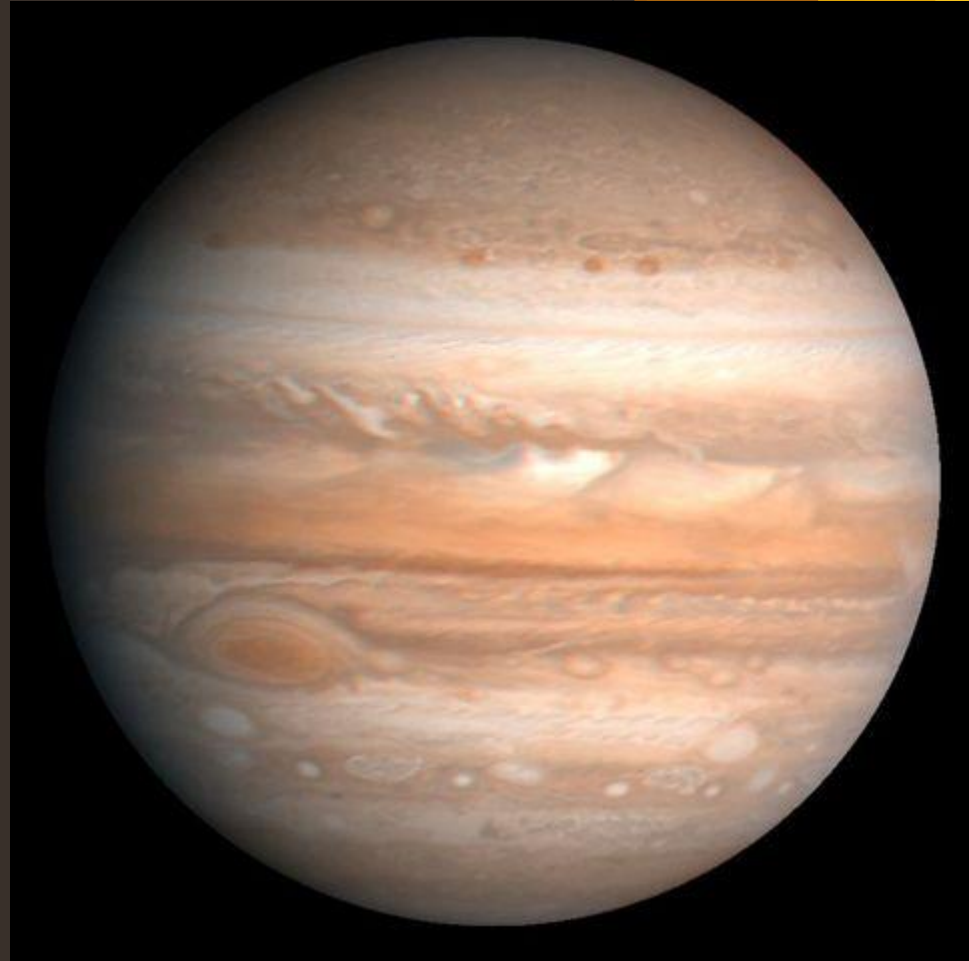
Mars

- ▶ Mars is the fourth planet from the Sun.
- ▶ Mars has very little air.
- ▶ It has no surface water.
- ▶ It is bitterly cold on Mars.
- ▶ Rocks on Mars contain iron which makes the planet look red.
- ▶ Mars has 2 moons.
- ▶ It has a diameter of 6794Km
- ▶ One day on Mars lasts about 24.6 Earth hours.
- ▶ It takes 687 Earth days to orbit the Sun.



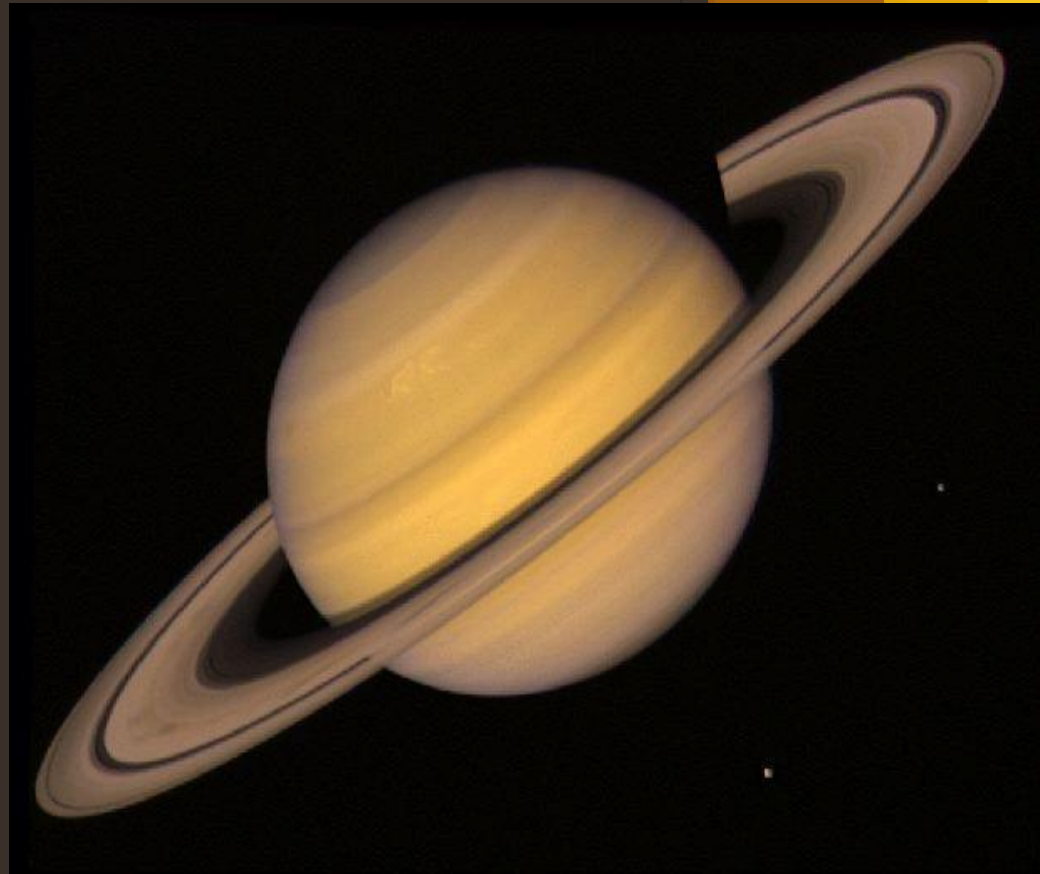
Jupiter

- ▶ Jupiter is the fifth planet from the Sun.
- ▶ It is the largest planet in the Solar System.
- ▶ It has over 18 moons, two of which are huge.
- ▶ Only 18 moons are named
- ▶ Its largest moon is called Ganymede.
- ▶ Jupiter has a small ring system.
- ▶ One day on Jupiter lasts nearly 10 Earth hours.
- ▶ It takes 11.9 years (4332 Earth day) to orbit the Sun.



Saturn

- ▶ Saturn is the sixth planet from the Sun.
- ▶ It is 1427 million Km from the sun
- ▶ It is surrounded by over 1000 rings made of ice and dust.
- ▶ It has at least 18 moons.
- ▶ One day on Saturn lasts about 10.2 Hours.
- ▶ It takes 29.5 years to orbit the Sun.



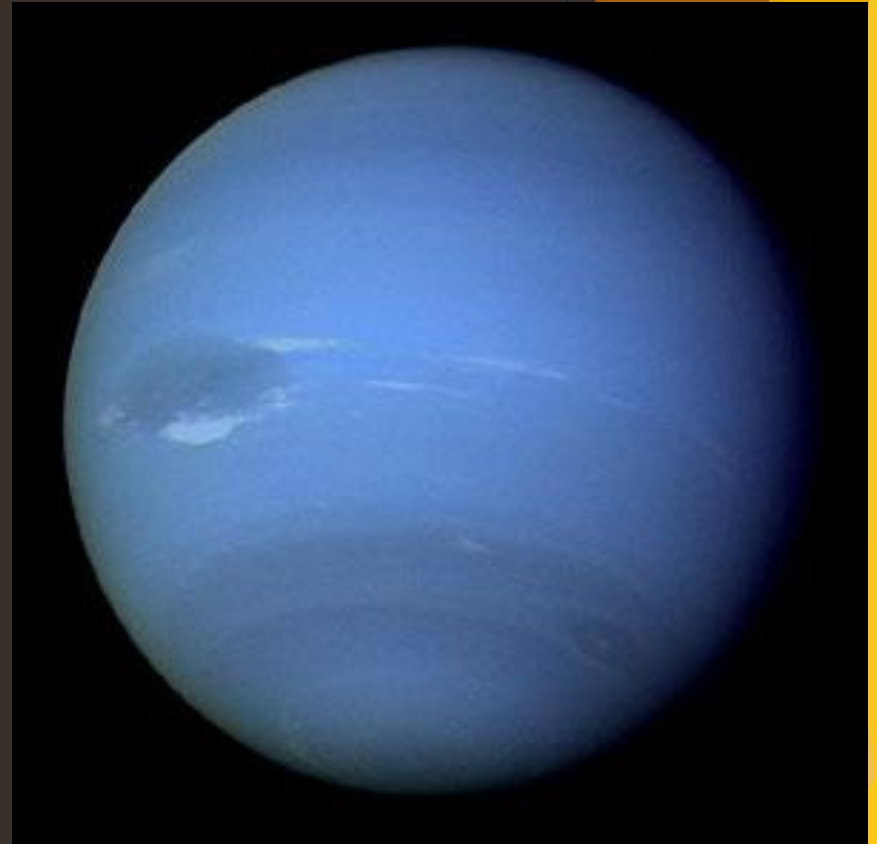
Uranus

- ▶ Uranus is the seventh planet from the Sun.
- ▶ Methane gas in its atmosphere gives Uranus a blue-green colour.
- ▶ It has 15 known moons.
- ▶ It has 11 known rings.
- ▶ Uranus has a tilt of 98° , which means that it spins on its side.
- ▶ One day on Uranus lasts about 18 Earth hours.
- ▶ It takes 84 years to orbit the Sun.



Neptune

- ▶ Neptune is the eighth , but sometimes it is the ninth planet from the Sun.
- ▶ Neptune has 2 moons.
- ▶ Its largest moon is called Triton.
- ▶ It has two thick and two thin rings around it.
- ▶ It is 4497 million Km from the sun
- ▶ One day on Neptune lasts 19.1 Earth hours.
- ▶ It takes 165 years to orbit the Sun.



What about Pluto?

- ▶ Pluto was thought to be the ninth planet from the Sun, but sometimes it is the eighth.
- ▶ It has now been reclassified as a "Dwarf Planet".
- ▶ It has a diameter of 2324Km
- ▶ It has a temperature of -230°C
- ▶ It takes 90600 Earth days which is 248.2 Earth years to orbit the sun
- ▶ It follows a different orbital path to the planets



Remember the Planets

Here is a quick way of remembering the names and order of the planets.

My	Very	Easy	Method	Just	Speeds	Up	Naming
e	e	a	a	u	a	r	e
r	n	r	r	p	t	a	p
c	u	t	s	i	u	n	t
u	s	h		t	r	u	u
r				e	n	s	n
y				r			e

Challenge: Write your own mnemonic to remember the order of the planets!

Which is the only planet that spins clockwise?

This planet takes
88 days to orbit
the Sun

It takes 225 days
to orbit the Sun

It has a
temperature
of -230°C

It takes 165 years
to orbit the Sun

It takes 84 years
to orbit the Sun

One day on this
planet lasts 24 hours

It is 1427 million
km from the sun

We sometimes
call it as "Dwarf
Planet"

It is 4497 million
Km from the sun

One day on this
planet lasts about
18 Earth hours

One day on this planet
lasts nearly 10 Earth
hours

It takes 687 Earth
days to orbit the
Sun

Thank you
for your attention!