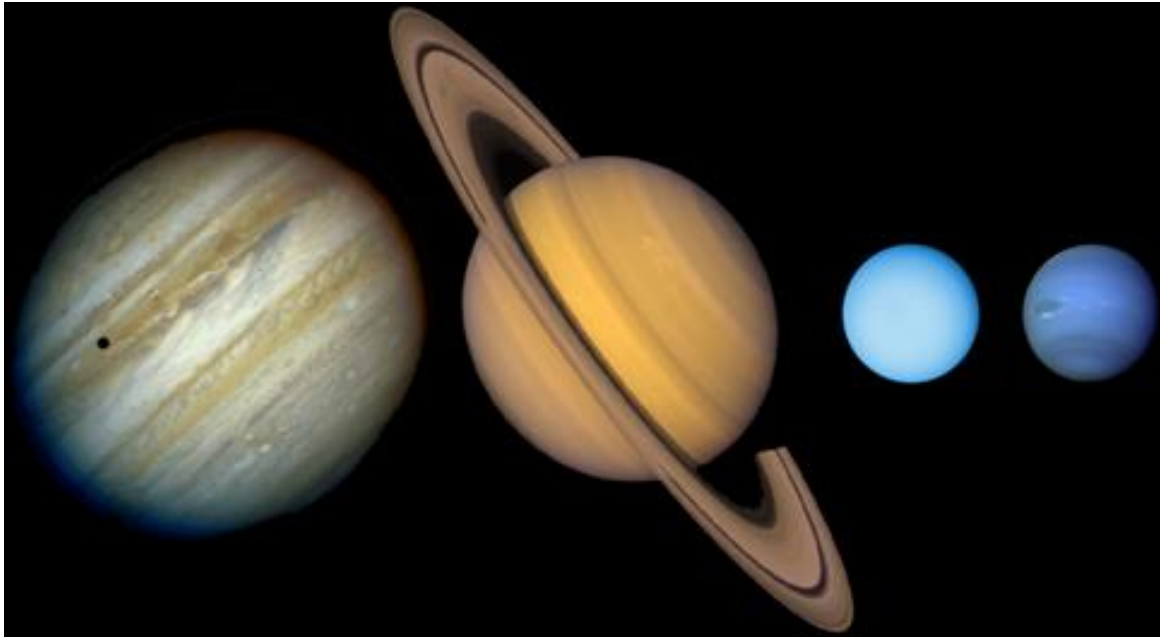


Primary Science: The Gas Giants



Gas giant planets are made up mostly of gas. They have a solid core and a very thick atmosphere. Gas giants are very large planets.

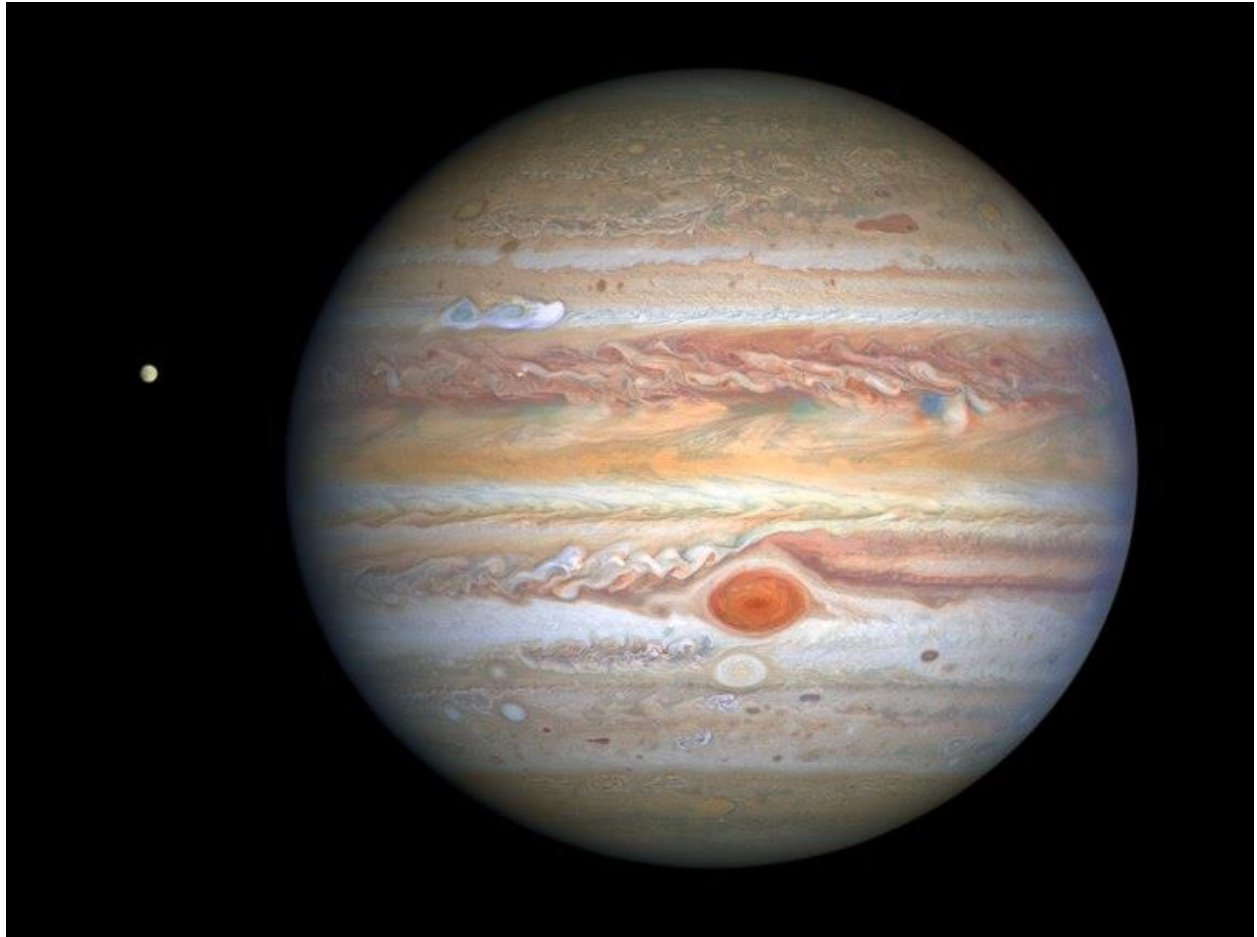
Jupiter, Saturn, Uranus, and Neptune are the 4 gas giants that is on our Solar System.

The gas giant planets are far out from the sun and take longer to complete their orbit.

Scientists tend to call Uranus and Neptune ice giants because of their differences to Jupiter and Saturn. The ice giants have rocky, icy cores, which is how they get their name.



Primary Science: The Gas Giants



Jupiter is the biggest planet in our Solar System. It is often compared to a star, but it never got big enough to start burning like one.

Jupiter is made mostly of hydrogen and helium. It has unclear rings that circle round the planet.

Jupiter is named after the Roman king of gods because of its large size.



Primary Science: The Gas Giants



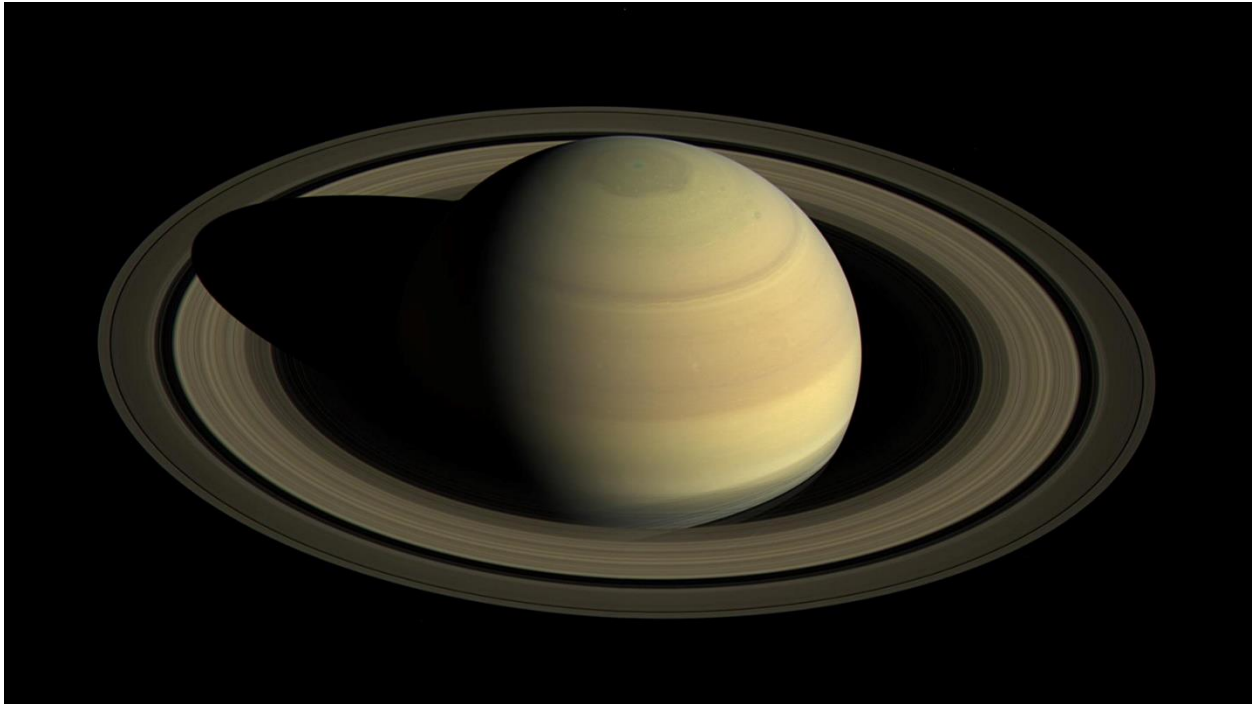
Jupiter has 79 confirmed moons. Jupiter's biggest moon is called Ganymede, which is larger than Mercury and Pluto.

Jupiter has thick, colorful clouds of deadly poisonous gas. There are many storms on Jupiter, with the most noticeable being the red spot which is a hurricane that has been going for 300 years!

1300 Earths can fit inside Jupiter. Since Jupiter is made up mostly of gas, if you tried to stand on the planet, you'd sink and be crushed by the pressure inside the planet!



Primary Science: The Gas Giants



Saturn is the second largest planet in our Solar System. It is well known for its ring system that stretches out into space for thousands of miles.

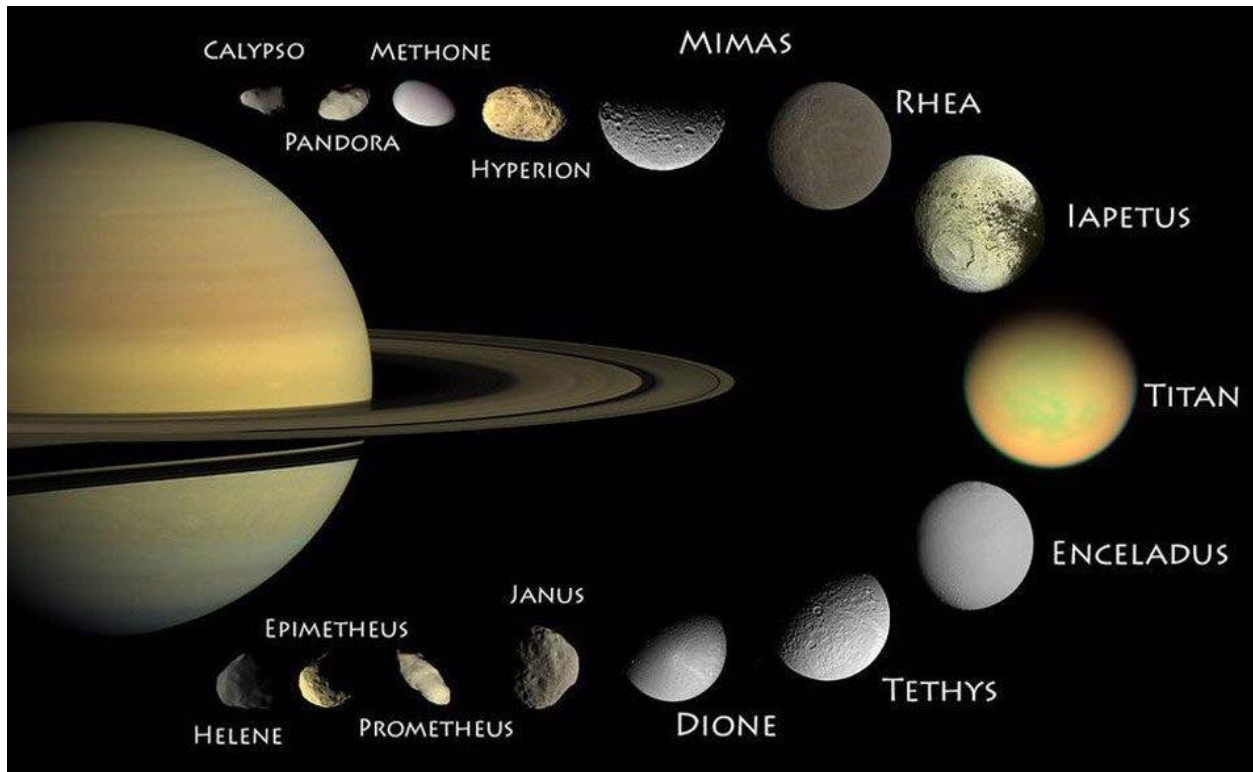
Saturn's rings are made up of millions of ice crystals, which can be the same size as houses!

Saturn is mainly made up of hydrogen, making it a very light planet. If Saturn was in water, it'd float!

Saturn is named after the Roman god of harvest and time.



Primary Science: The Gas Giants



Saturn has 53 named moons but 9 more being studied. Most of the moons are very small.

The largest moon that orbits Saturn is Titan. It is the second biggest moon in the Solar System. It is larger than mercury.

Like Jupiter, there are many storms on Saturn. It has a very strong magnetic field which traps energy.



Primary Science: The Gas Giants

Answer the questions.

What is a gas giant?

Describe and name the two largest gas giants.



Primary Science: The Gas Giants

Answer the questions.

What is the biggest moon in the Solar System?

Can we live on gas giants? Explain.

