**Welcome to Neptune**- the Blue Planet!

You have made quite a journey! The last time a spacecraft visited this planet from Earth, the trip took 12 years!

Neptune is the 8th and furthest planet away from the sun, more than 30 times the distance of Earth from the sun. Since the sun is super far away it’s really cold here- average temperature is -400 oF . Better bundle up!!

There are 4 Gas Giant planets in the Solar System, and Neptune is one of them. The planet is mostly made up of gas and ice.

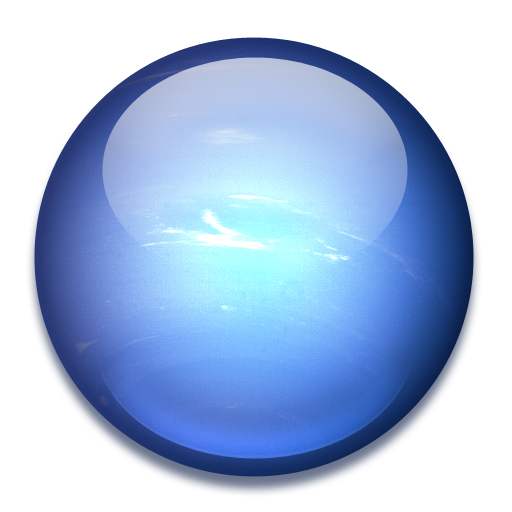
Neptune has 13 moons. The biggest one is Triton, which will eventually orbit so closely to Neptune that it will be torn apart and become a ring around the planet.

Earth revolves once on its orbit every 24 hours- that’s 1 day. Neptune revolves around its orbit in 2/3 of that time.

In Roman mythology, Neptune is the god of the sea.

Compare the size of the earth to the size of Neptune:

Neptune is \_\_\_\_\_ times bigger than the Earth. Hint: Less than 5x, more than 2x!





GAAAAAASSS!!!!!! The first 4 planets of the Solar System are terrestrial, meaning it’s rocky, like our Earth! The furthest 4 planets of the Solar System, however, are mostly made up of gas.

The earth revolves around the sun every 365 days. Neptune revolves around the sun every 165 earth years.

Rules of the game:

Your little m&m represents the moon around Neptune that will eventually get too close to the planet and break into millions of tiny pieces to become a ring, like the kind around Saturn. Every time your team answers correctly, you get to advance your moon to the next level. If you answer wrong, then your moon stays where it is. Once you reach the top level, your moon successfully explodes and becomes a ring!

Neptune is the most distant planet in the Solar System. True or False?

Which moon does your m&m represent?

How many hours are in a day in Neptune?

How old would you be if you lived on Neptune?

Can you stand on the surface of Neptune? Explain!

What is Neptune’s nickname?