Neptune

Neptune is the Roman God of Sea and earthquakes who was known for his violent temper, Earthquakes and tempests was the reflection of his rage. He was the brother of Jupiter(Zeus) and Pluto(Hades). His son was Triton which is the largest moon on Neptune. It was named after the roman god of water (aka Poseidon in Greek) thats why its planetary symbol looks like a trident.
Position

The diameter of Neptune is 49.500km, it is one of the largest planets of our solar system. (4th largest). Its 3.9 times bigger than Earth, its mass is $9.02(10)^{26}$ kg.

The volume of Neptune can fit 57 Earths inside of it. Its average distance from the sun is 30.07 AU.
Natural Satellites

Neptune has 14 natural satellites, the names of the moon are Triton, Nereid, Despina, Naiad, Thalassa, Proteus, Galatea, Larissa, Sao, Neso, Psamathe, Laomedeia, Halimed, s/2004 N 1. The closest moon is Naiad (36 miles away) and the farthest/ largest moon is Triton (1677 miles away)
Actual Pictures of Neptune

Voyager 2 is the first spacecraft to observe the planet Neptune in 1989. It came as close to 57,000,000 km from Neptune.
Revolution

It takes Neptune about 164.8 earth years for it fully revolve around the sun.
Neptune’s Composition and Atmosphere

- The core of Neptune is made up of rock and ice.
- The atmosphere of Neptune has Hydrogen deuteride, ethane, hydrogen, helium, and methane.
Travel Time/ Magnetic field

At the closest Earth and Neptune are only 2.7 millions miles away (4.3 million km).

Its magnetic field is tilted 47 degrees, but it is constantly changing.
NEPTUNE by the numbers

- 30,600 miles in diameter
- 1846 date of discovery
- 165 years for one orbit
- 80% hydrogen
- 58 Earths by volume
- 30 AU from Sun
- 17 Earths by mass
- 14 moons
- 8th magnitude
- 5 rings
- -201C average temperature

Summer on Neptune lasts for 40 years, but the temperature is minus 328°F.

The wind on Neptune is so fast it breaks the sound barrier.

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**FUN FACTS**

1. Voyager 2: only space craft EVER to visit Neptune
2. 20/250 years Pluto is closer to the sun than Neptune
3. It was predicted before it was ever seen
4. Triton will be ripped apart by it's gravitational pull
5. It has the most extreme weather of all of the planets

**FUN FACTS ABOUT NEPTUNE**

1. Neptune is the same size of uranus
2. Neptune is the only planet you can't see from a telescope
3. The sunlight is 900 times fainter than on earth
4. Located 30 times farther from sun than earth
5. Neptune is like a twin to uranus