

## Planets size

How do planets sizes compare to each other?

The planets in our solar system are each very unique for various reasons. When it comes to their measurable sizes in diameter, the planets vary greatly. Jupiter, for example, is approximately 11 times the diameter of the Earth. Mercury, on the other hand, is 2.6 times smaller in diameter than the Earth.

How big is Earth compared to other planets?

Earth is basically almost two times bigger than the Red Planet, and it still has more robots, duh! Saturn, which is the second-largest planet in our Solar System, is a monster in comparison to Earth. Saturn has a diameter of approximately 120.536 km / 74.897 mi and a radius of around 58.232 km / 36.183 mi.

What is the largest planet in our solar system?

Earth is the largest terrestrial planet and the only known planet that has life on it. It is the 3rd planet from the sun with a mean distance of around 1 AU. It travels around the sun with a speed of 29.78 km/sec and completes one orbit in 365.24 earth days. The magnetosphere of the earth protects us from harmful solar and cosmic winds.

by size: small planets: Mercury, Venus, Earth, Mars. The small planets have diameters less than 13000 km.  
giant planets: Jupiter, Saturn, Uranus and Neptune. The giant planets have diameters greater than 48000 km.  
The giant planets are sometimes also referred to as gas giants. by position relative to the Sun:

Earth is nearly 13,000 kilometers across. The smallest terrestrial planet, Mercury, has a diameter about 40 percent of that size. Jupiter, the biggest planet, is more than ten times larger than Earth. The maximum possible size for a planet is a few times larger than Jupiter - about the same size as the smallest stars.

An overview of the history, mythology and current scientific knowledge of the planets, moons and other objects in our solar system. [Skip to content](#). [Menu](#). [The Nine Planets ...](#) Jupiter is a massive planet, twice the size of all other planets combined, and ...

This size comparison of the Sun and the planets in our solar system is going around frequently, but it's still amazing to see it. Created by the San Francisco-based artist Roberto Ziche, the image features the Sun in the background with the planets, Moon, and the four dwarf planets lined up in the foreground in the relative scale of size to one another.

The order of the planets from the Sun, starting closest and moving outwards: Mercury, Venus, Earth, Mars, Jupiter, Saturn, Uranus, Neptune. [Skip to content](#). [Blog](#); [Equipment](#). [Star Trackers](#); ... It is similar to Earth in size and mass and is known as Earth's sister or twin planet. Venus's rotation period of 243 Earth days is slower than any ...

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The listed objects currently include most objects in the asteroid belt and moons of the giant planets in this size range, but many newly discovered objects in the outer Solar System are missing, such as those included in the following reference. [58] Asteroid spectral types are mostly Tholen, but some might be SMASS. Body [note 1]

Size and Distance. Size and Distance. Our solar system extends much farther than the eight planets that orbit the Sun. The solar system also includes the Kuiper Belt that lies past Neptune's orbit. This is a sparsely occupied ring of icy bodies, almost all smaller than the most popular Kuiper Belt Object - dwarf planet Pluto.

Together the planets make up 0.14% of the solar systems mass, 99% of which is the gas giants (Jupiter, Saturn, Uranus and Neptune). Except for the Earth, the planets are named after gods from Roman and Greek mythology. Size and Order of the Planets

Compare the Planets. Our Solar System has eight planets. Four of these are Giants: Jupiter, Saturn, Neptune, Uranus. Did you know if you try to stand on Jupiter you would sink right through as it is made out of gas? Did you know Saturn is 95 times more massive than Earth? Compare Planets, Moons and other objects side-by-side in this 3D live ...

Mercury is the first planet in our solar system. It is the closest planet to the Sun, located at an average distance of 36 million miles (58 million kilometres) from our star cause this small planet is so close to the Sun's harmful solar winds, it ...

Thus, the Sun occupies 0.00001% (1 part in  $10^7$ ) of the volume of a sphere with a radius the size of Earth's orbit, whereas Earth's volume is roughly 1 millionth ( $10^{-6}$ ) that of the Sun. Jupiter, the largest planet, is 5.2 AU from the Sun and has a radius of 71,000 km (0.00047 AU; 44,000 mi), whereas the most distant planet, Neptune, is 30 AU ...

The order and arrangement of the planets and other bodies in our solar system is due to the way the solar system formed. Nearest to the Sun, only rocky material could withstand the heat when the solar system was young. For this reason, the first four planets - Mercury, Venus, Earth, and Mars - are terrestrial planets.

1 day ago; The solar system's several billion comets are found mainly in two distinct reservoirs. The more-distant one, called the Oort cloud, is a spherical shell surrounding the solar system at a distance of approximately 50,000 astronomical units (AU)--more than 1,000 times the distance of Pluto's orbit. The other reservoir, the Kuiper belt, is a thick disk-shaped zone whose main ...

Planet Size Comparison This interactive feature lets students compare the sizes of the planets in our solar system. Users can select two solar system bodies (planets, Sun, Earth's moon) and view side-by-side images at the same scale, along with their ...

Our solar system is home to eight amazing planets. Some are small and rocky; others are big and gassy. Some

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are so hot that metals would melt on the surface. Others are freezing cold. We're learning new things about our neighboring planets all the time. We send spacecraft to take pictures, gather information, and find out more about them.

Sedna, which is about three-fourths the size of Pluto, is the first dwarf planet discovered in the Oort Cloud. NASA's New Horizons mission performed history's first flyby of the Pluto system on ...

Table of Contents The solar system has two main types of planets. The inner planets--Mercury, Venus, Earth, and Mars--have rocky compositions. In contrast, the four outer planets, also called the Jovian, or giant, planets--Jupiter, Saturn, Uranus, and Neptune--are large objects that are composed primarily of hydrogen and helium (Jupiter and Saturn) or of ice, rock, hydrogen, and ...

This activity explores the relative size of these eight planets. Is one bigger than the others, or are they all about the same size? This activity is not recommended for use as a science fair project. Good science fair projects have a stronger focus on controlling variables, taking accurate measurements, and analyzing data.

Learn about the Sun, planets, dwarf planets, moons, asteroids, comets, and more in our solar system. Find out how big each planet is, how far they are from the Sun, and how they formed.

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