

# Saturn is the what planet from the sun

Is Saturn a gas giant?

Saturn is the sixth planet from the Sun, and the second-largest planet in our solar system. Like fellow gas giant Jupiter, Saturn is a massive ball made mostly of hydrogen and helium. Saturn is not the only planet to have rings, but none are as spectacular or as complex as Saturn's. Saturn also has dozens of moons.

Is Saturn a ringed planet?

Saturn, ringed planet that is the second largest planet in the solar system in mass and size and the sixth nearest planet in distance to the Sun. When viewed through even a small telescope, the planet encircled by its magnificent rings is arguably the most sublime object in the solar system.

What is Saturn made of?

Saturn is the sixth planet from the Sun and the second largest planet in our solar system. Adorned with a dazzling system of icy rings, Saturn is unique among the planets. Saturn is a massive ball made mostly of hydrogen and helium. The farthest planet from Earth discovered by the unaided human eye, Saturn has been known since ancient times.

Is Saturn a neighboring planet?

Saturn is the sixth planet from the Sun. That means Jupiter and Uranus are Saturn's neighboring planets. Saturn has been known since ancient times because it can be seen without advanced telescopes. Four robotic spacecraft have visited Saturn, including Pioneer 11, Cassini, and Voyager 1 and 2. What does Saturn look like?

Which planets orbit the Sun?

Planets and other objects in our Solar System. Credit: NASA. First the quick facts: Our Solar System has eight "official" planets which orbit the Sun. Here are the planets listed in order of their distance from the Sun: Mercury, Venus, Earth, Mars, Jupiter, Saturn, Uranus, and Neptune.

Why is Saturn called Saturn?

The planet is named for the Roman god of agriculture and wealth, who was also the father of Jupiter. Saturn's environment is not conducive to life as we know it. The temperatures, pressures, and materials that characterize this planet are most likely too extreme and volatile for organisms to adapt to.

It usually takes sunlight 80 minutes to travel between the sun and Saturn. The planet has the second-shortest day in the solar system, at only 10.7 hours, just slightly longer than Jupiter's 9. ...

Saturn is the 6th planet from the Sun with an average distance of 9.572 AU or  $1.432 \times 10^9$  km. It takes 29.37 Earth years to orbit the Sun, and rotates very quickly at a rate of 1 rotation every 10 hours 13 minutes and 59 seconds.

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The distance between the sun and each planet varies significantly. Mercury is the innermost planet, while Neptune is the outermost. ... is. Ranging between 839-million miles to 938-million miles, Saturn averages at 9.58 AU (889-million miles) from the sun. Earth's orbit could fit inside Saturn's nearly ten times. As we get further from the sun ...

Saturn, the sixth planet from the Sun, is the second-largest planet in the Solar System - right after Jupiter. The ring planet consists mainly of hydrogen and helium (with a small addition of ammonia and methane) and therefore also belongs to the group of gas giants. Saturn is almost twice as far from the Sun as Jupiter, making it the last ...

Saturn Facts. Saturn is the sixth planet from the Sun and second largest planet of the Solar System in terms of diameter and mass. If compared, it is easy to see why Saturn and Jupiter have been designated as relatives. From atmospheric composition to rotation, these two planets are extremely similar.

Learn lots about the planets in order from the closest to the Sun, and many other planet facts in our dedicated guide. The Planets. Planets. Mercury; Venus; Earth; Mars; Jupiter. ... has seven main rings. It extends more than 280,000 km (173, 983 mi) from the giant planet. What makes Saturn more interesting is that it has the most moons in the ...

Saturn is the sixth planet from the sun and is famous for its large and distinct ring system. Though Saturn is not the only planet in the solar system with rings. Saturn facts

Or you could order the planets by weight (mass). Then, the list from most massive to least massive would be: Jupiter ( $1.8986 \times 10^{27}$  kilograms), Saturn ( $5.6846 \times 10^{26}$  kg), Neptune ( $10.243 \times 10^{25}$  kg), Uranus ( $8.6810 \times 10^{25}$  kg) ...

The inner planets are closer to the Sun and are smaller and rockier. The outer planets are further away, larger and made up mostly of gas. ... After an asteroid belt comes the outer planets ...

Saturn is the sixth planet in order from the sun, and is the second celestial body you would encounter after passing the Asteroid Belt. The planets lying beyond this area of the Solar System are called the Outer Planets and consist of Jupiter, Saturn, Uranus, and Neptune. Due to its composition, Saturn is categorized as a gas giant and takes ...

It's also the closest planet to the sun, and because of that, it experiences extreme temperature changes. The side facing the sun can reach up to 800 degrees Fahrenheit while the side facing away from the sun can drop to -290 degrees Fahrenheit. ... Saturn is the sixth planet in our solar system. It is located at an average distance of 886 ...

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Saturn is the sixth planet from the Sun. That means Jupiter and Uranus are Saturn's neighboring planets. Quick History. Saturn has been known since ancient times because it can be seen without advanced telescopes. Four robotic spacecraft have visited Saturn, including Pioneer 11, Cassini, and Voyager 1 and 2. ...

Saturn is the sixth planet from the Sun, with the largest planetary rings in the Solar System is the second-largest planet after Jupiter, and recently, with many other moons being discovered, it surpassed the number of Jupiter's moons and is now considered the planet with the most numerous satellites.

The planets in order from the sun are Mercury, Venus, Earth, Mars, Jupiter, Saturn, Uranus, Neptune and finally the dwarf planet Pluto.. Most people have at least heard about our solar system and the planets in it. Our solar system is usually gone over in elementary school, so you might just need a refresher course about the planets in order in our solar system.

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Saturn is the sixth planet from the Sun, orbiting at an average distance of 889.8 million miles (1.4 billion kilometers). It's about 9.5 times farther from the Sun than Earth. Explore Saturn. An image of the planet Uranus taken by the spacecraft Voyager 2 ...

A year on Saturn is the equivalent of 30 Earth years, while a day lasts 10.7 hours. The average temperatures on Saturn are around -178 degrees Celsius. Saturn is probably the most recognizable planet of the Solar System. Uranus. The seventh planet from the Sun, the ice giant Uranus. Uranus is 2.9 billion km / 1.8 billion mi or 19.19 AU away ...

Saturn is the flattest planet. Its polar diameter is 90% of its equatorial diameter, this is due to its low density and fast rotation. Saturn turns on its axis once every 10 hours and 34 minutes giving it the second-shortest day of any of the solar system's planets. Saturn orbits the Sun once every 29.4 Earth years.

According to the National Aeronautics and Space Administration (NASA), the solar system is made up of the Sun and everything else that is bound to it through gravity, including planets Mercury, Venus, Earth, Mars,

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Jupiter, Saturn, Uranus and Neptune, dwarf planets like Pluto, tens of moons, and millions of asteroids, comets, and meteoroids.

The sun as seen from Saturn, which is about 888 million miles from the sun. That's about 9.5 times farther than the distance from Earth to the sun. Here, crystals of water and gases including ammonia refract the sunlight, creating beautiful optical effects such as ...

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The distance of each planet from the sun is a determinant of its basic composition. Mars and the planets inside its orbit are known as terrestrial planets because they are composed mostly of rock. ... Saturn, best known for its rings made of billions of ice particles, is 886.7 million miles away from the sun and 550.9 million miles from Earth ...

The planet Saturn is one of only two gas giants in our solar system and is the fifth closest to the Sun. This massive planet is actually the second largest in our solar system after fellow gas giant Jupiter. ... It takes over 80 ...

Distances Between Planets. The distances between planets will vary depending on where each planet is in its orbit around the Sun. Sometimes the distances will be closer and other times they will be farther away.

Saturn is the sixth planet from the sun and the second-largest planet in the solar system. It has a whopping 146 moons. It's the farthest planet from Earth that's visible to the ...

Saturn is the sixth planet from our Sun (a star) and orbits at a distance of about 886 million miles (1.4 billion kilometers) from the Sun. 03. Short Day, Long Year. Saturn takes about 10.7 hours ...

Saturn Facts. Average temperature: -138°C (-218°F) where atmospheric pressure equals sea level on Earth Average distance from Sun: 1,434 million kilometers (891 million miles), or 9.5 times farther from the Sun than Earth Diameter: 120,536 kilometers (74,898 miles), Saturn is 9.4 times wider than Earth Volume: 827 trillion km<sup>3</sup> (198 trillion mi<sup>3</sup>), Earth could fit inside Saturn 827 times

Saturn is the sixth planet that orbits the Sun, positioned between Jupiter and Uranus at an average distance of just over 1.4 billion kilometers (about 886 million miles).. Known primarily for its majestic system of rings, Saturn also holds the record for the most number of moons, with 145 officially recognized satellites compared with a measly 92 orbiting Jupiter.

Saturn is the farthest away of the naked-eye planets, which humans have been studying since long before the invention of the telescope. It can be seen, at some point or another, on most nights. At opposition, when it lies directly opposite the Sun, Saturn is visible all night.



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