

Pics of the solar system

What is in the solar system?

The solar system is made up the sun and everything else that orbits around the sun. This includes the planets: Mercury, Venus, Earth, Mars, Jupiter, Saturn, Uranus, Neptune, moons, asteroids in the asteroid belt, the milky way, comets, celestial bodies, meteoroids in outer space.

What are the planets in the solar system?

The Solar System is all the planets and other things in space that orbit (go around) our sun . This includes the planets Earth, Mercury, Venus, Mars, Jupiter, Saturn, Uranus and Neptune as well as the dwarf planet Pluto, asteroids and comets.

Where is the solar system?

The Solar System is located 26,000 light-years from the center of the Milky Way galaxy in the Orion Arm, which contains most of the visible stars in the night sky. The nearest stars are within the so-called Local Bubble, with the closest, Proxima Centauri, at 4.2441 light-years.

How many planets are in the solar system?

Besides the Sun (which is a star) there are 8 large planets in our solar system. The rocky planets are the ones closest to the Sun. These are Mercury, Venus, Earth and Mars. The gas giants are Jupiter, Saturn, Uranus and Neptune. All four of the gas planets have rings around them. Though Saturns are the most prominent ones.

The solar system itself is only a small part of a huge system of stars and other objects called the Milky Way galaxy. The solar system orbits around the center of the galaxy about once every 225 million years. ... Please note: Text within images is not translated, some features may not work properly after translation, and the translation may ...

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Voyager 1 was speeding out of the solar system -- beyond Neptune and about 3.7 billion miles (6 billion kilometers) from the Sun -- when mission managers commanded it to look back toward home for a final time. It snapped a series of 60 images that were used to create the first "family portrait" of our solar system.

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Our solar system includes the Sun, eight planets, five officially named dwarf planets, and hundreds of moons, and thousands of asteroids and comets. Our solar system is located in the Milky Way, a barred spiral galaxy with two major arms, and two minor arms. Our Sun is in a small, partial arm of the Milky Way called the Orion Arm, or Orion Spur ...

The solar system encompasses planets, moons, asteroids, comets, and dwarf planets, that orbit around the Sun at its center. The solar system was created about 4.6 billion years ago in a collapsing cloud of gas and dust that eventually flattened into a rotating disk. The two main regions of the solar system are the inner and outer solar systems.

These six narrow-angle color images were made from the first-ever "portrait" of the solar system taken by Voyager 1, which was more than 4 billion miles from Earth and about 32 degrees above the ecliptic. ... Formation. Our solar system formed about 4.5 billion years ago from a dense cloud of interstellar gas and dust. The cloud collapsed ...

Our solar system is made up of a star--the Sun--eight planets, 146 moons, a bunch of comets, asteroids and space rocks, ice, and several dwarf planets, such as Pluto. The eight planets are Mercury, Venus, Earth, Mars, Jupiter, Saturn, Uranus, and Neptune. Mercury is closest to the Sun. Neptune is the farthest.

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5 days ago· solar system to scale The eight planets of the solar system and Pluto, in a montage of images scaled to show the approximate sizes of the bodies relative to one another. Outward from the Sun, which is represented to scale by the yellow segment at the extreme left, are the four rocky terrestrial planets (Mercury, Venus, Earth, and Mars), the ...

NASA's MESSENGER spacecraft has constructed the first portrait of our solar system by combining 34 images taken by the spacecraft's Wide Angle Camera on Nov. 3 and 16, 2010. The mosaic, pieced together over a period of a few weeks, comprises all of the planets except for Uranus and Neptune, which were too faint to detect.

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