

# Name the galaxy that contains our solar system

What is the name of the galaxy that our Solar System is part of?

Our Solar System is part of the Milky Way Galaxy, which contains hundreds of billions of stars, including our Sun. Let's look at the basics. Our Solar System consists of our star, the Sun, and its orbiting planets (including Earth), along with numerous moons, asteroids, comet material, rocks, and dust.

What type of galaxy is the Milky Way?

The Milky Way - out of the four types of galaxies - is a spiral barred type of galaxy. Every star we see with our naked eyes is in the Milky Way galaxy. The only object you can see in the sky outside of the Milky Way with your naked eyes is the Andromeda Galaxy. The ancients knew about the Milky Way, but they did not know what it was exactly.

What does the Milky Way Galaxy contain?

Our Milky Way Galaxy contains billions of stars, including our Sun. Our Sun, in turn, has planets orbiting it, including our Earth. Our Milky Way Galaxy is one among the billions of galaxies in our Universe.

Which galaxy is the closest to the Milky Way?

The Andromeda galaxy is the closest galaxy to the Milky Way. It is about two million light-years away. All the stars and planets you can see are part of the Milky Way galaxy, but only one in three people in the United States can see the Milky Way band with the naked eye due to city lights.

How many stars are in the Milky Way galaxy?

On that scale with our Solar System in your hand, the Milky Way Galaxy has 200 - 400 billion stars. It would span North America (see the illustration on the right).

Is every star in the sky part of the same galaxy?

Every star that you see in the sky is part of the same enormous galaxy. Our solar system resides in a galaxy called the Milky Way, stuffed with between 100 billion and 400 billion other stars, many of them with planets of their own. The Milky Way got its name from the way it looks from the ground: like a streak of spilt milk across the sky.

Study with Quizlet and memorize flashcards containing terms like Elliptical Galaxy, galaxy, globular galaxy and more. ... Galaxy that contains our Solar System. The name derives from ...

Many people are not clear about the difference between our Solar System, our Milky Way Galaxy, and the Universe. Let's look at the basics. Our Solar System consists of our star, the Sun, and its orbiting planets (including ...

Milky Way Galaxy. The Milky Way is the galaxy that contains our Solar System. This name derives from its

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appearance as a dim "milky" glowing band arching across the night ...

Our solar system is just one specific planetary system--a star with planets orbiting around it. Our planetary system is the only one officially called "solar system," but astronomers ...

The planets of our Solar System are listed based on their distance from the Sun. There are, of course, the dwarf planets Ceres, Pluto, Haumea, Makemake, and Eris; however, they are in a different class. Among the dwarf ...

Our solar system is in the Orion arm, and we are about 25,000 light years ( $2.5 \times 10^{17}$  miles) from the very center of the Galaxy. Since our solar system lies in one of the ...

Our solar system resides in a galaxy called the Milky Way, stuffed with between 100 billion and 400 billion other stars, many of them with planets of their own Every star that you see in the sky ...

Located at the centre of the solar system and influencing the motion of all the other bodies through its gravitational force is the Sun, which in itself contains more than 99 percent of the mass of the system. The planets, in order ...

The Milky Way gets its name from the bright band of light that stretches across the night sky, which is made up of countless stars that are part of this galaxy. Our solar system is ...

If you are curious about the universe and its wonders, you might have wondered what is the name of the galaxy that contains our solar system. The answer is the Milky Way, a ...

The Milky Way is a barred spiral galaxy that includes our Solar System. It's part of the Local Group, a galaxy cluster that also contains the Andromeda Galaxy . The Milky Way's size spans about 100,000 light-years in diameter, and at its core ...

What is the Milky Way? The Milky Way is the name given to the galaxy our Solar System is located in. It is called this because of the way it looks when viewed from Earth. A galaxy is a large group of stars bound together by gravity. How ...

It is the galaxy that contains our solar system, where Earth is located. It is called the Milky Way because the disk of the galaxy runs across the sky as a band of glowing light, like ...

Milky Way Galaxy, Large spiral galaxy (roughly 150,000 light-years in diameter) that contains Earth's solar system includes the multitude of stars whose light is seen as the Milky Way, the irregular luminous band that encircles the sky, ...

The Milky Way galaxy and the Andromeda galaxy are a binary system of giant spiral galaxies belonging to a

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group of 50 closely bound galaxies known as the Local Group

Our Solar System is about 25,000 light years away from the center of our galaxy - we live in the suburbs of our galaxy. Just as the Earth goes around the Sun, the Sun goes around the center of the Milky Way. It takes ...

Our solar system has one star, eight planets, five officially recognized dwarf planets, at least 290 moons, more than 1.3 million asteroids, and about 3,900 comets. ... The Milky Way is the barred spiral galaxy in which ...

The galaxy gets flatter towards the edges. The center of the Milky Way consists of a black hole; an invisible object that has such a strong gravitational pull that not even light ...

The Milky Way is the name of the galaxy that contains our Solar System. Learn about what the Milky Way is in relation to the Earth. Recently Viewed and Downloaded >

Milky Way Galaxy, Large spiral galaxy (roughly 150,000 light-years in diameter) that contains Earth's solar system. It includes the multitude of stars whose light is seen as the Milky Way, the irregular luminous band that encircles the sky, ...

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