

Key to the Solar System





Overview

How does the Solar System work?

This increases the pressure inside and heats the core, thus accelerating the combustion of the fuel. The Solar System consists of the Sun, planets, moons, asteroids, and comets. Learn about its main components and how they interact in space.

Why do planets orbit the Sun?

The Sun is the centre of our Solar System. The mass of the Sun alone is one thousand times the mass of all the rest of the Solar System put together. Why do the planets orbit the Sun?

The planets move like this because of the gravitational pull of the Sun (caused by its huge mass). Without this force, the planets would drift off into space.

What is the Solar System made up of?

Our solar system is made up of the sun and all the amazing objects that travel around it. The universe is filled with billions of star systems. Located inside galaxies, these cosmic arrangements are made up of at least one star and all the objects that travel around it, including planets, dwarf planets, moons, asteroids, comets, and meteoroids.

What does the Solar System include?

The solar system includes everything that is gravitationally drawn into the sun's orbit. Use these resources to learn about the work of National Geographic Explorers including Munazza Alam, Cynthia Chiang and Sophie Dia Pegrum, and to teach students about the objects and relationships within our solar system.



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Solar system, assemblage consisting of the Sun and those bodies orbiting it: 8 planets with more than 400 known planetary satellites; many asteroids, some with their own ...

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Solar System

A star system is a group of planets, meteors, or other objects that orbit a large star. While there are many star systems, including at least 200 billion other stars in our galaxy, there is only one solar system. That's because ...

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Key Takeaways About the Solar System The Solar System centers around the Sun, a G-type main-sequence star. It contains 8 major planets, over 200 moons, and 5 officially recognized dwarf planets. Other ...

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Solar System quick facts

Our Solar System contains planets, comets and asteroids all of which travel around our star, the Sun. Until 2006 nine main planets were listed, but under the current classification there are now only eight main ...

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