## What is our sun



Dwarf stars are stars with masses less than five times that of the sun. They are the most common type of star in the universe, but they vary in brightness, temperature and duration depending on their mass. Learn how dwarf stars form, evolve and end their lives.

The next full Moon will be on Saturday night, June 3, 2023, and will appear opposite the Sun in Earth-based longitude just before midnight. Learn about the different names and meanings of this full Moon, as well as other celestial events in June.

The Sun is the star at the heart of our solar system. Its gravity holds the solar system together, keeping everything - from the biggest planets to the smallest bits of debris - in its orbit.

Learn about the Sun, the star at the center of our solar system, and its features, structure, and history. The Sun is about 93 million miles (150 million kilometers) from Earth, but its size and temperature vary across its surface and atmosphere.

Learn about Venus's thick atmosphere, which traps heat and makes it the hottest planet in our solar system. Find out how Venus's surface, clouds, and potential for life are related to its atmosphere and orbit.

The star nearest to the planet Earth is the sun. The sun's diameter is 1.4 million kilometers and its distance from Earth is 150 million kilometers. But what do numbers that big really mean? To get an idea of size, use a grapefruit to represent the sun. Set it down and walk a dozen steps away. Turn around and

Our home planet is the third planet from the Sun, and the only place we know of so far that's inhabited by living things. While Earth is only the fifth largest planet in the solar system, it is the only world in our solar system with liquid water on the surface.

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