


## California Content Standards

5.a. Students know the Sun, an average star, is the central and largest body in the solar system and is composed primarily of hydrogen and helium.

## Key Words:

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| <p><b>Star</b> —</p> <p><b>Sun</b> —</p> <p><b>Hydrogen</b> —</p> <p><b>Helium</b> —</p> <p><b>Solar</b> —</p> | <p>a large body in space that produces its own energy</p> <p>the name we give the star that is at the center of our solar system</p> <p>a lightweight gas that reacts easily with other elements</p> <p>a lightweight gas that does not react easily with other elements</p> <p>something related to the Sun, ex. solar system</p> |  |
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## The Sun

The Sun is the largest body in our solar system. Although it is an average size star, it seems huge to us.

Earth, as we know it, would not exist without the Sun. Without the Sun's light energy, plants could not make their own food.

Without plants, you know what would happen to the animals!

Without the warmth of the Sun, even though it is approximately 150,000,000 kilometers (93 million miles) away from Earth, all the water here would freeze. It would get so cold that no life could exist.

