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CLASS- 3 SUBJECT- EVS

Based On NCERT

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Chapter - 11

The Sun

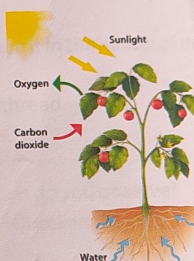
The sun is a big ball of fire. It is actually a star. It is the brightest object in the sky. The sun is stationary. That means, it remains at one place. It also never changes its shape. The sun gives us heat and light. It makes the days warm and bright.

### SUN – A NATURAL SOURCE OF ENERGY

The sun is the ultimate source of energy on the earth. Every form of life is dependent on the sun's energy. The sun's energy is called solar energy. The sun has great importance to all living beings. Plants use sunlight to grow. You know that a seed needs air, water and warmth (sunlight) to grow. The green leaves of plants prepare their food with the help of air, water and sunlight. The food-making process in leaves is called photosynthesis.



The Sun



Human beings and animals depend on plants for their energy. Thus, human beings and animals depend on the sun indirectly.



During daytime, when plants make food, they take in carbon dioxide from the atmosphere and give out oxygen. But, at night-time, they do not make food. Then, they simply breathe. They take in oxygen and give out carbon dioxide. That is why, we should not sleep under trees at night.

### Other uses of sunlight

- ☛ Sunlight helps to evaporate water from rivers, lakes, seas and oceans. It plays an important role in the formation of the rainbow.
- ☛ Some food items such as chips and pickles are made by drying them in sunlight.
- ☛ Grains are dried in sunlight to preserve them for a longer time.
- ☛ Salt is made from sea water by evaporating it in sunlight. It is one of the oldest uses of sunlight.
- ☛ Wet clothes dry faster in sunlight.



Pickles



Making salt from sea water



Clothes dry faster in sunlight

**A. Why is the sun called the ultimate source of energy ?**

**Answer = The sun is called the ultimate source of energy because it is the source of almost all energies of the earth. Plants convert light energy from the sun into chemical**

energy (food) by the process of photosynthesis. Animals eat plants and use that same chemical energy for all their activities.

**B. How does sunlight help in making salt from sea water ?**

**Answer = Salt is made from sea water by evaporating it in sunlight . It is one of the oldest uses of sunlight .**

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**Jyoti**