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STUDY NOTES

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CLASS- VI (All Section)

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**Science**

**CHAPTER: 8 Understanding Plants**

**Today's Topic: Understanding Plants**

Plants play a vital role in the maintenance of life on earth. Plants are the only life forms that can produce their own food using energy from sunlight. Not only do we depend on plants for food, we also depend on them for fuel, shelter, etc. Plants transform radiant energy from the sun into organic chemical energy in the form of sugars, starch and other products.

Human beings and animals consume the fruits, flowers, roots, leaves, stems and seeds of plants. Wheat and rice are grown all over the world and are the staple diet of most people.

Without these important food items, people's lives would be very different. The seeds of these plants are good to eat, full of nutrients and can be made into many different food items.

For centuries, plants have been one of the most useful natural resources in the world. They are used for building houses, making clothes, as fuel, among other things.

Plants produce almost all of the oxygen in the air that humans and other animals breathe. Apart from their commercial and aesthetic value, plants conserve other natural resources by protecting soil from erosion, by controlling water levels and quality, and by producing a favourable atmosphere.

There are about 300,000 plant species on earth. Plants come in a wide variety of shapes and sizes. Some are small, some very big, while some are just patches of green on the soil. Some plants have green leaves, while some others have reddish ones. Some have large flowers, some have tiny ones, while some do not produce any flowers at all.

