



CLASS IV

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SUBJECT : SCIENCE

LESSON-6. Our Green Earth

Prepared on _____

Shared on _____

New words

1)Quinine 2)Cinchona 3)Latex 4)Resin 5)Sap 6)Saplings 7)Deforestation 8)Afforestation 9)Grilling 10)Roasting.

Pre-activity

1. Name the various types of pollution and their causes.

Q1) Give reasons for each of these.

1. Trees save the environment.

Ans. Trees purify the air and help in bringing rain. Trees prevent soil erosion and floods. So, trees save the environment.

2. An increase in population is harmful.

Ans. Due to the increase in population, the demand for more resources increases which has various effects on the environment. More trees are cut down to make more paper, furniture, etc. People need more land to construct buildings and roads. More coal and petrol are required by more people. So, an increase in population is harmful.

3. In the past few years, the population of monkeys has increased in cities.

Ans. In the past few years, more forests have been cleared for various reasons. Hence, monkeys lost their natural homes and had to come to cities in search of food and shelter. That is why, the population of monkeys has increased in cities.

Q2) Answer these questions in brief.

1. What is deforestation? State any two effects of deforestation.

Ans. Destroying forests by cutting down trees in large numbers is called deforestation.

Deforestation destroys the homes of animals (habitat). It is because of deforestation that we often hear of tigers, elephants and monkeys coming into villages and towns in search of food.

Cutting down trees has harmful effects on our environment as it reduces rainfall.

2. Why should one be careful with fire in forests?

Ans. We should take steps to control and prevent forest fires as they destroy many, many trees which are not only the homes of animals but also the cause of rainfall.

3. What days are celebrated to remind people of the importance of plants?

Ans. World Environment Day and Earth Day are celebrated to remind people the importance of plants.

Q.3) Answer these questions in detail.

1. Write five ways in which plants are important to life on Earth.

Ans. Trees give us many things that we need in our daily lives. Some of the important uses of trees are-

- a. They give us fruits, vegetables, flowers, leaves, stems, spices and seeds as food.
- b. They purify air by absorbing carbon dioxide and giving out oxygen.
- c. They are used to make medicines.
- d. They help in the formation of rain.
- e. They are home to many animals, especially birds and insects.
- f. They keep our surroundings cool.
- g. The roots of trees prevent soil erosion.
- h. They give us wood for making paper, furniture, doors and windows.
- i. They give us forest products like resins, gum and rubber.

2. Write down four ways in which we can make our Earth green.

- Ans. a. We should try to reuse things made from trees.
b. We should not use wood from trees as firewood for cooking, grilling and roasting.
c. We should take steps to control and prevent forest fires.
d. We should plant more trees

Q.4) Out of the box.

1. If tree was a person, what qualities would you attribute to it?

Ans. Kind, selfless and giving.

POST ACTIVITY:

1. Match Column A with Column B.

Column A	Column B
1. Destroying forests by cutting down a large number of trees	(a) Afforestation
2. Planting trees in large numbers	(b) Vana Mahotsava
3. To create awareness on taking steps to protect the environment.	(c) Deforestation
4. Tree-planting festival	(d) World Environment Day

SUBJECT TEACHER

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