

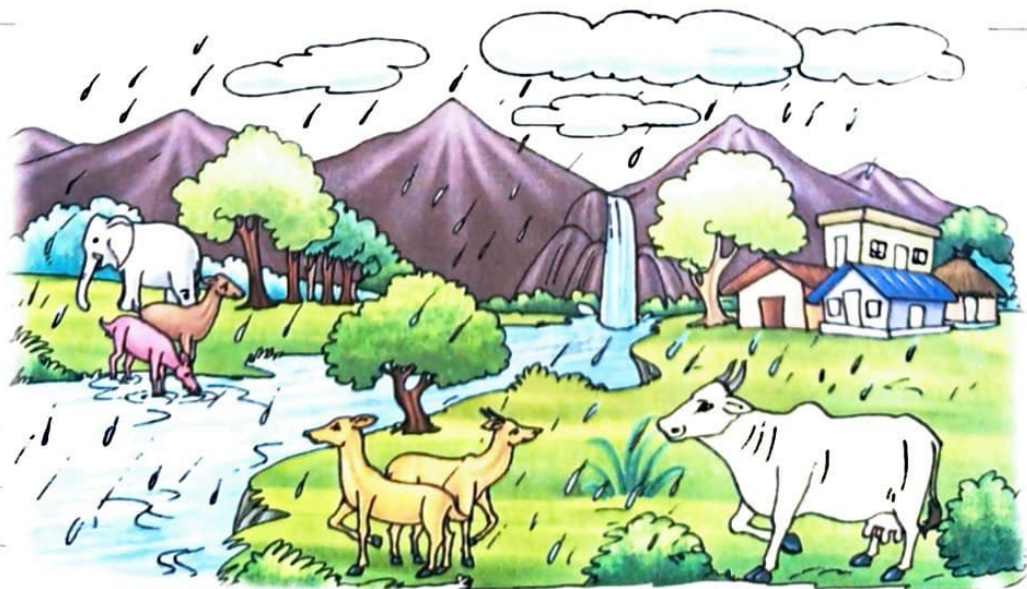
Good Morning students,

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Today we are going to set our focus on the topic "The Environment" Chapter-18 of your text book titled "Excursions-3". If all the students are ready then let us start our today's topic.

Environment :- The word Environment has been derived from the French word 'environ' which means encircle and surround. Environment is the thing that encircles or surrounds us (air, plants, animals, etc.) on the earth as a whole.

Things around us form our environment. These things can be living or non-living. Sun, Moon, stars, clouds, air are ^{natural} non-living things because these are found in nature, and the things like house, road, furniture are all man-made things.



The environment is made up of living and non-living things

Living things - The

things which have life are called living things. These are also called Natural things as they are available to us by nature.

For example - Trees, plants, animals, Sun, Moon, clouds, stars, water etc.



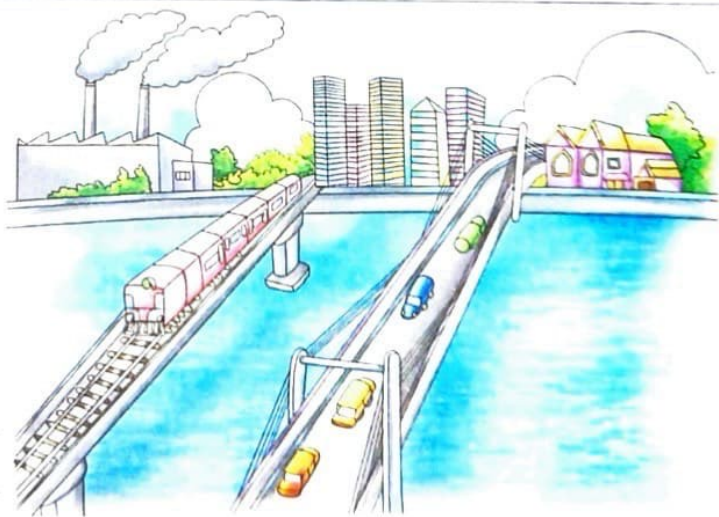
Natural Things

Non-living things -

The things which do not have life are called non-living things. These are also called man-made things as they are created by man to make our

life easy and comfortable. For example -

buildings, cars, trains, roads, bridges, machines etc.



Man-made things

So everything around us makes up our environment. Our environment provides us with oxygen, water, food, heat, light and energy. Our environment is very important to us and we must take good care of it.

Students, let us learn what harms our environment.

Human beings are an important part of the environment. They have modified the environment by their activities. These activities have led to pollution in the environment.

Pollution → Pollution is to make environment dirty or impure by adding harmful substances to the natural resources like air, water and land.

Pollutants → The substances that harm or damage our environment are called pollutants.

The different types of pollution are-

- 1) Air Pollution 2. Water Pollution
- 3) Land Pollution 4. Noise Pollution

- 1) Air Pollution:- Air pollution is caused when harmful gases, dust, smoke and other particles mix with the air. Sandstorms, volcanic eruptions, forest fires, pollens from plants and flowers are some natural causes of air pollution. It can also be caused by the human activities like smoke from factories, vehicles, burning of fuels, fire crackers etc, as you can see in the picture.



Effects of air pollution:-

Breathing difficulties, wheezing, coughing, chest pain, eye inflammation, global warming, acid rain and smog etc.

Students, let us discuss about-

- 2) Water Pollution - When waste from factories and homes are released into water bodies like seas, oceans and ponds it leads to water pollution. Washing clothes and throwing trash into water bodies adds to the water pollution. As you can see in the picture ^{given} above.



Effects of Water Pollution:-

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Polluted water is unfit for drinking. It leads to many waterborne diseases such as diarrhoea, typhoid, cholera and hepatitis.

- 3) Land Pollution:- Land pollution or soil pollution is the contamination of land due to chemical fertilizers, pesticides, mining, discharge from factories, hospitals, garbage, plastic bags etc, as shown in the picture. All these causes harm to the soil. Soil becomes infertile and unsuitable for the growth of plants.



- 4) Noise Pollution:- Noise pollution is caused by loud unwanted noise that is unpleasant. It is caused by loud music or loud speakers, sounds from machines and honking of vehicles, as shown in the given picture. Noise pollution can lead to stress, tension, anger, sleeplessness, fatigue and even deafness.
Thank you.

