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Our Environment

Lesson Plan

Contents

- ▶ Living and non-living things
- ▶ Natural and man-made Environment
- ▶ Pollution and its types
- ▶ How can we reduce pollution?

Objectives

- ▶ Learning about living and non-living things.
- ▶ What is natural and man-made Environment?
- ▶ Pollution and its types - Air Pollution, Land Pollution, Water Pollution, Noise Pollution – how they occur and why they are bad for us.
- ▶ How can we reduce pollution?

Teacher's Aids

- ▶ Charts, pictures, internet.

Tips for Teacher

- ▶ Students can be taken to a zoological park or sanctuary – to learn the difference between natural and man-made environment and the pollution caused by human beings.

Gear Up, Background and Reading

- ▶ In Gear Up the fountain and the slide are non-living things; all the others are living things.
- ▶ Read the lesson and points to remember aloud and explain.

Environment

- ▶ There are living and non-living things and natural and man-made things in the world – they form our environment.
- ▶ Natural changes occur due to disasters like tsunamis, floods, earthquakes, volcano eruptions, etc.
- ▶ Man-made changes occur when man changes the natural environment by building dams, farming, cutting trees, burning things, making buildings, mining, etc. Natural environment is disturbed and pollution is caused.
- ▶ Types of pollution : air, land, water and noise.

/// Air Pollution

- ▶ Causes – burning of leaves; smoke from vehicles and factories; smoke from forest fires; bursting fire-crackers.
- ▶ Effects – breathing problems like asthma, bronchitis, etc. Bad effect on plants and animals too.

/// Water Pollution

- ▶ Causes – spilling oil from oil tankers; throwing waste from home, factories, etc., into water bodies and seas; washing clothes or utensils in ponds and rivers; bathing animals in rivers. Also plastic, painted idols, etc., being thrown into water bodies.
- ▶ Effects – drinking dirty water causes many diseases; death of water animals.

/// Land Pollution

- ▶ Causes – throwing garbage on roads or parks; using chemical fertilisers for crops; overuse of pesticides; releasing waste from hospitals, factories, etc.
- ▶ Effects – unsanitary conditions cause illnesses.

/// Noise Pollution

- ▶ Causes – loud music, loudspeakers; honking vehicles; bursting crackers; sounds of loud machines from factories, etc.
- ▶ Effects – damages hearing and can cause deafness.

/// How to reduce pollution of the environment

- ▶ Don't burst crackers at festivals.
- ▶ Hear music at low volume.
- ▶ Don't use plastic bags, etc.
- ▶ Plant trees to increase fresh air.
- ▶ Walk: don't use cars for short distances.
- ▶ Throw waste only in dustbins.
- ▶ Use LPG in kitchen and CNG in vehicles.
- ▶ Don't throw waste in ponds, rivers, etc.
- ▶ Don't waste paper: it is made by cutting trees.