



**Natural Environment:**

Natural environment means all the living and non-living things that are naturally present on Earth.



**Related SLO**

**Students' Learning Outcomes**

- Describe ways in which humans have changed the natural environment.

Living things	Non-living things
Living things are alive. They need food, water and air.	Non-living things are not alive. They do not need food, water and air.

<b>LIVING</b>	<b>NON-LIVING</b>



## Human Impact on the Environment:

Humans have changed the natural environment in many ways.

### 1. Cutting Down Trees:

People cut down trees to build houses, make paper, and create farms. This is called deforestation. It can harm animals and reduce the amount of oxygen.



### 2. Building Roads and Cities:

Building roads, bridges, and cities changes the natural landscape and can destroy animals' homes.



### 3. Climate Change:

Burning coal, oil, and gas releases gases that trap heat in the atmosphere. This causes the Earth to get warmer, which changes weather patterns and affects all living things.





#### 4. **Pollution:**

The addition of harmful things to the environment is called pollution. It can cause adverse effects on living organisms and the natural world. Factories, cars, and farms can create this pollution.

#### Related SLO

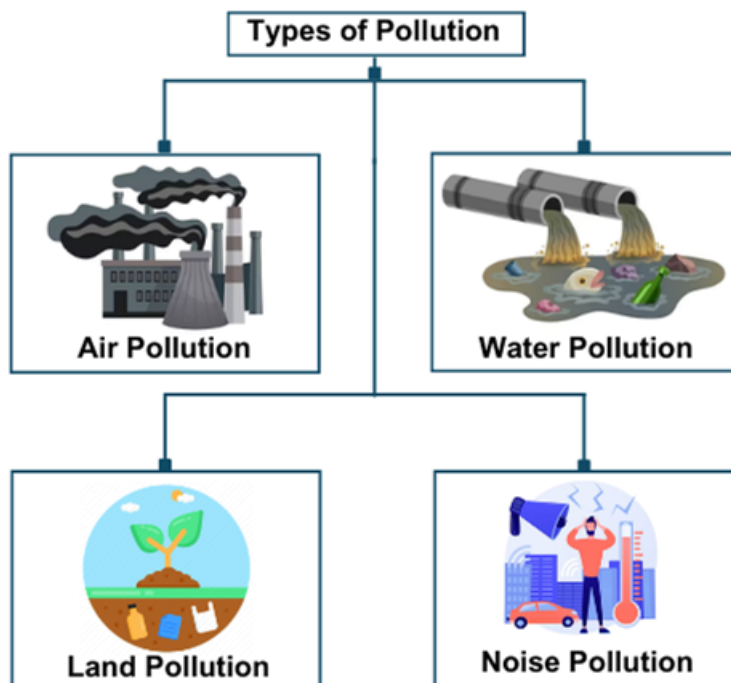
#### Students' Learning Outcomes

- Define the term pollution.
- List different types of pollution (land, water, air, noise).



#### Types of Pollution:

There are four main types of pollution:





Air Pollution

Smoke and gases from cars and factories make the air unhealthy to breathe.



Soil Pollution

Throwing trash and chemicals on the ground makes the land dirty and unsafe.



Noise Pollution

Loud sounds from traffic, machines, and music can hurt our ears and make it hard to sleep or concentrate.



Water Pollution

Dumping garbage and harmful substances into rivers, lakes, and oceans makes the water dirty.

### Natural Resources:

Natural resources are things found in nature and are used by living things for their benefits.

### Examples:



Sun



Plants



Animals



Air



Soil



Water



### What Would Happen if All Natural Resources Were Used Up?

- If all natural resources were used up, we wouldn't have enough materials to make things we need, like food, water, and energy.
- Plants and animals would struggle to survive.
- People would have a hard time living without these important resources.



#### Related SLO

#### Students' Learning Outcomes

- Predict that what would happen if natural resources were all used up.
- Suggest ways to save natural resources.

### Conservation of Natural Resources

Natural resources can be saved by adopting following ways.

			
Save electricity.	Plant more trees.	Save water.	Do not burn your garbage.
			
Pick up garbage.	Reduce plastic use.	Avoid wasting food.	Grow your own food.



**Endangered Animals of Pakistan:**

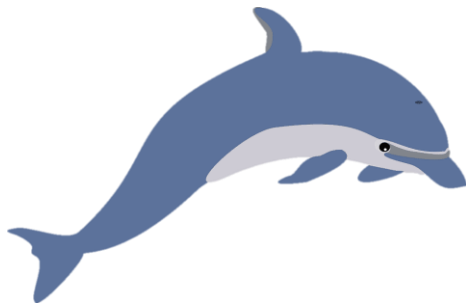
Endangered animals are animals that are at risk of disappearing because there are very few of them left.

**Examples:**

**Related SLO**

**Students' Learning Outcomes**

- Identify the endangered animals of Pakistan (such as Marcher, blackbuck, Indus dolphin etc.)



**Indus River Dolphin:** Lives in the Indus River and is endangered because of pollution and habitat loss.



**Black Buck:** A pretty deer with long horns that lives in grasslands. It is in danger because people hunt it and its home is being destroyed.



**Markhor:** It is the National animal of Pakistan, living in mountainous areas, and endangered because of habitat destruction and hunting.



**Asian Wild Ass:** This animal lives in the deserts and is endangered due to habitat loss and it has to compete with other animals for food.



**Ways to Protect Endangered Animals:**

- Keep the environment clean to help animals stay safe.
- Use less plastic to reduce pollution.
- Stop cutting down trees because provide homes and food for many animals.
- Stop hunting of animals.
- Avoid disturbing areas where animals live.

**Related SLO**

**Students' Learning Outcomes**

- Suggest ways to protect endangered animals.

**Extinct Animals:**

Extinct animals are animals that lived a long time ago but no longer exist today. They have disappeared from the world and cannot be found anywhere.

**Related SLO**

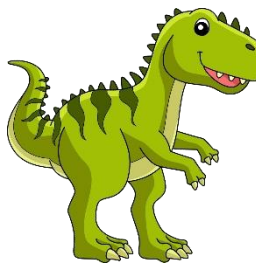
**Students' Learning Outcomes**

- Identify animals which are extinct (dinosaurs etc.)

**Examples:**



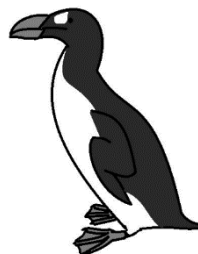
**Dodo**



**Dinosaurs**



**Mammoth**



**Great Auk**