

A dirt path leads through a lush green forest. The path is made of light brown soil and is flanked by vibrant green grass and dense foliage. Sunlight filters through the trees, creating dappled shadows on the ground. The overall scene is bright and natural.

# Global Problems of Ecology



A lush forest scene with large trees and a path. The forest is dense with tall, thin trees and a ground covered in moss and ferns. A large tree trunk is prominent on the left, and another large tree trunk is on the right. The path is narrow and leads into the distance.

I think that everything in  
the world must be beautiful.

A human life is a part of  
the whole environment and closely  
connected with it. It is true.

If a nature exists, then a man will  
live too.



# Here are our problems :

□ *Littering*

□ *Air pollution*

□ *Water pollution*

□ *Endangered species*

□ *Destruction of natural resources*



\* There are different resources that we need as air. But there is no resource as the air itself. We can feel its absence in less than in a minute. It is known that pollution of atmosphere is caused by the work of factories, plants, cars etc. Here are the results of human activity!





# *The Earth is our home*

**We must take care of it.  
The importance of this is pointed out by  
the ecologists, scientists, who study the  
relations between living things and their  
environment.  
Each of us must do everything possible to  
keep the land, the air and the water clean.**



# WATER POLLUTION

Water Pollution occurs when energy and other materials are released into the water, contaminating the quality of it for other users.

## Types

### **Surface water pollution**

> found on the exterior of the Earth's crust, oceans, rivers and lakes

### **Groundwater Pollution**

> found in soil or under rock structure or aquifers

# EFFECTS on...

## Effects on Environment

- ◆ Toxic water
- ◆ Thermal heating
- ◆ Our sources of water



## Effects on Humans

- ◆ Diseases caused by:
  - ◆ Drinking contaminated water
  - ◆ Swimming in polluted water
  - ◆ Contact with chemically polluted water



# What You Can Do

Turn off running water



Be cautious of what you pour in your sink/flush down your toilet

Fertilize correctly



Participate in a clean up

