

LESSON – 7

SAVING OUR EARTH

UNIT – I

A1. Pre-reading

Discuss the following questions with a friend.

Activity – 1 :

1. What is the title of this lesson ?
2. What does it mean ? Is our earth in danger ?
3. Some birds like vultures and kites are not seen nowadays. Can you say why ?
4. Why don't we get enough rain in time nowadays ?

Now you know that our earth is changing and that we need to be careful to keep it safe for our lives. Let's now read a lesson, which will tell us how we can save our earth. Read the text silently in order to know about the dangers to the earth, which is our home.

B1. Let's read the text:

Forests are home to many animals and plants. They are a store house of many important natural resources¹. Forests also bring rain and control flood. We get oxygen from trees. The construction of roads and railway tracks force man to cut down trees. All these human activities have been a danger to wildlife² animals and birds of the forest. Some birds and

1. a supply of something which can be used to increase wealth.

2. animals and birds in the forest.



animals are not found nowadays. The clearing of forests has resulted in the loss of oxygen supply. We do not get enough rainfall in time. Due to deforestation³our earth is also getting warmer.

C1. Let's understand

Activity – 2

3. the act of cutting down trees.

Answer the following questions briefly.

- 1. Why is wildlife in danger ?
.....
.....
- 2. Why do we cut down forests ?
.....
.....
- 3. Why don't we get enough rainfall in time ?
.....
.....

Activity – 3 :

Match the items in A with those in B to get complete sentences. These sentences will tell us how our earth is in danger.

A

B

- | | |
|---|-------------------------------------|
| i) The construction of roads and railway tracks | a) have been a danger to wild life. |
| ii) Due to clearing of forests | b) warmer due to deforestation. |
| iii) Our earth is getting | c) enough rainfall in time. |
| iv) We do not get | d) forces man to cut down trees. |
| v) Our activities | e) we get less and less of oxygen. |

UNIT – II

A2. Pre-reading

The teacher asks the students these questions :

1. What happens when smoke goes up into air ?
2. What's the harm if air is polluted ?
3. Do you know what the word 'pollution' means ?

Now read the text to know about air pollution and water pollution.

B2. The text

Life is not possible without air. But air is polluted⁴ heavily due to human activities. Vehicles are used for transport. Coal is burnt to produce electricity. But it releases⁵ harmful gases like carbon dioxide and carbon monoxide into air. These gases cause health problems related to skin, eyes and lungs. The burning

4. made dirty and harmful

5. leaves

of the forests also causes air pollution. Pesticides⁶ and fertilizers are also responsible for air pollution.



Water is essential for life. We need water for drinking, irrigation⁷, industrial use, washing, etc. Our activities at home and in industries and agriculture pollute water to a dangerous extent. Many diseases are caused by polluted water. Cholera and diarrhoea are common. A high level of fluoride in water causes tooth decay⁸ and damage to the kidney and the nervous system⁹. Diseases like typhoid¹⁰, hepatitis¹¹ and dysentery¹² spread due to contamination¹³ of drinking water.

6. chemical used for killing insects.

7. supply of water to grow crops.

8. gradual destruction.

9. the system of the nerves in the body.

10. a serious disease that comes with fever.

11. a disease of the liver.

12. a disease that causes passing of waste with blood.

13. made impure.

C2. Let's understand

ACTIVITY-4

1. Which harmful gases do the vehicles release ?
.....
.....
2. How do these gases cause health problems ?
.....
.....
3. How is a high level of fluoride harmful to us ?
.....
.....
4. Which diseases spread due to the contamination of drinking water ?
.....
.....

ACTIVITY – 5

Say whether the following statements are true or false.

- i) Coal is burnt to produce electricity.
- ii) Pesticides and chemical fertilizers cause air pollution.
- iii) Burning of coal does not release harmful gases.
- iv) Cholera is caused by polluted water.
- v) Vehicles release oxygen.

UNIT - III

A3. Pre-reading

ACTIVITY -6:

You have already read how our beautiful earth is in danger. We, the human beings are responsible for it. You have read that our earth is in danger due to air pollution and water pollution.

What happens due to air pollution ?

i)

ii)

iii)

iv)

What happens due to water pollution ?

i)

ii)

iii)

iv)

Now let's read the text below silently.

B3. The text

If we don't immediately stop burning and cutting down of the forests and polluting our air and water, we will cause more damage¹⁴ to the earth. Very soon a time may come when we will have no oxygen to breathe and no rain for agriculture. The earth would become so hot that human beings can't survive¹⁵ here, and the human race¹⁶ will exist no longer.

14. harm

15. to continue to live

16. the group of all human beings



Here is what we can do to save our earth !

We can plant more and more trees and save our forest and wildlife. We need to compost¹⁷ the domestic wastes. Farmers should use organic fertilizers instead of chemicals. Let's say 'No' to plastic bags, because they do not mix up with the soil and when chewed by cattle can cause their death.



We need to conserve¹⁸ our natural resources like air, water, energy, minerals and fossil fuels¹⁹ like coal, petroleum and natural gas. We must spread awareness²⁰ among people to save our earth, if we want our children and grandchildren to live on the earth with health and happiness.

17. to make bits of unwanted plants into compost

18. protect something.

19. a natural fuel such as coal, gas etc.

20. to have knowledge of the environment.

C3 . Let's understand

ACTIVITY – 7:

- i) What can you do to save wildlife ?
- ii) Why should not we use plastic bags ?
- iii) Which are our natural resources ?
- iv) Why should we conserve these natural resources ?

Activity – 8:

Say true or false.

- i) We need to compost domestic wastes.
- ii) Farmers should use more and more chemical fertilizers.
- iii) We can exist without oxygen.
- iv) If there is no forest, there will be no rain.
- v) Iron ore is a natural resource.

Activity-9 :

Put a tick mark (✓) against the correct answers.

We can spread awareness among people through :

- i) newspapers
- ii) the radio
- iii) television
- iv) signboards
- v) temples
- vi) prayer
- vii) computers
- viii) the Opera

D. Let's Look at the words.

Activity – 10:

Match every word under column A with its opposite meaning under column B.

A	B
possible	destroy
store	artificial
pure	impossible
save	release
use	impure
natural	misuse

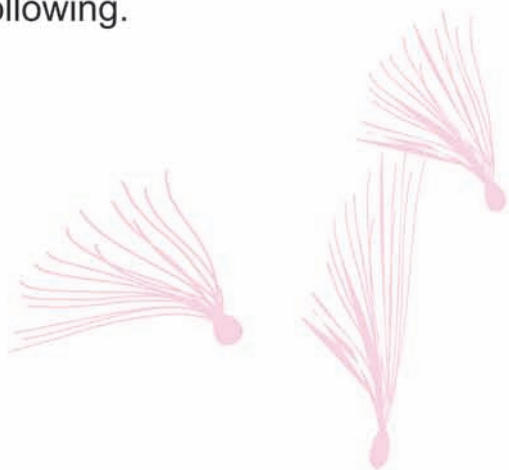
Activity – 11 :

Read the table below and try to remember the meaning of the prefixes.

Prefix	Meaning	Example
bi-	two	bicycle
ex-	out of	export
im-	not	impossible
un-	not	unsafe
re-	again	replay
mis-	wrongly	misbehave
non-	not	nonsense
inter-	between	inter-state

Now write the words which mean the following.

- not proper :
- write again :
- understand wrongly :
- not true :
- between groups:



E. Let's talk

Activity-12 :

Practise the dialogue below in role play.

- Pupun : Hello.
- Officer-in-charge : Hello, this is Jajpur Road Police Station.
- Pupun : Can I speak to the Officer-in-charge ?
- Officer-in-charge : This is Officer-in-charge speaking. What's the matter ?
- Pupun : The forest near Sukinda Garh has caught fire. Now the fire is spreading.
- Officer-in-charge : Can you tell me whether the fire brigade has arrived ?
- Pupun : No, Sir, the fire brigade hasn't arrived.
- Officer-in-charge : OK. I'll inform them immediately, I am also going to visit the site.
- Pupun : Thank you, Officer.
- Officer-in-charge : Just a minute. What's your telephone number ?
- Pupun : 9338101084, Sir.
- Officer-in-charge : Thank you.

Activity-13 :

Listen to your teacher and repeat the words.

A	B
box	all
hot	short
dog	form
clock	talk
top	ought
shop	saw

(To the teacher: Speak the words aloud to the children. The words are put into two columns. In column **A**, the vowel sound is **short**. In column **B**, the vowel sound is **long**.)

F. Let's use the language.

Activity – 14:

Choose the correct verb from the box to fill in each blank.

(flows, rises, has, tastes, floats)

- a) Honey _____ sweet.
- b) The sun _____ in the east.
- c) Oil _____ on water.
- d) A year _____ twelve months.
- e) The Mahanadi _____ though Orissa.

ACTIVITY – 15:

Fill in each blank, choosing the correct alternative.

- a) Mathematics _____ a difficult subject for me. (is/are)
- b) A lot of children _____ playing there. (was/were)
- c) The cattle _____ grazing. (is / are)
- d) The police _____ arrested the thief. (has/have)
- e) Someone _____ standing at the door. (is/are)
- f) One of my friends _____ got the first prize in acting. (has/have)

G. Let's write

ACTIVITY-16:

Answer the following questions, each in a sentence or two.

1. Name four natural resources found on the earth.

.....
.....

2. Why is our earth getting warmer ?

.....
.....

3. How does cholera spread ?
.....
.....
4. What can farmers do to save our earth ?
.....
.....
5. How can we conserve water in a river ?
.....
.....
6. Why should we say 'No' to plastic bags ?
.....
.....

ACTIVITY – 17:

Write ten sentences on how we can save the earth.

Complete the sentences to get the answer.

1. We should plant
2. We need to compost
3. Farmers should use
4. People should not use
5. We need to conserve
6. We must spread
7. We should not cut down
8. If a jungle is on fire, we should
9. We can write down slogans
10. We can save fossil fuel

