

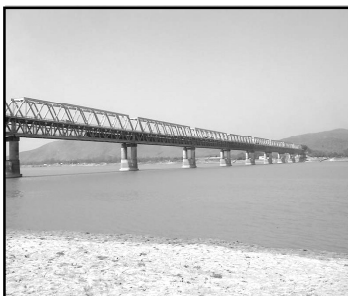
LESSON No. 19



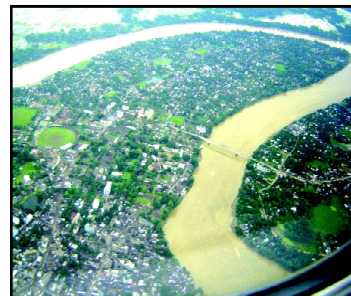
OUR RIVERS AND SEAS



The Ganga



The Brahmaputra



The Barak

You must have heard the names of Ganga, Brahmaputra, Barak, etc. They are the big rivers of our country. Do you know any other big rivers of the world ? Write the names of three big rivers you know.

- _____
- (i) Is there any river in your village, town or city? If yes, write its name.

- (ii) Which is the river nearest to your locality?

Do you think that there would be changes in the water level of the river at different times of the year? Discuss.

- (i) Will there be the same amount of water in the river during the rainy season, summer and winter?

ENVIRONMENTAL STUDIES CLASS- IV

(ii) Is there any change in the water flow during the rainy season?

(iii) Does the river overflow its banks and cause floods?

(iv) What happens when there is a flood?

(v) Are there any changes in the water during summer and winter?

(vi) What are the different kinds of fish found there? Name three of them.

(vii) What kinds of tree and plant grow along its banks?

(viii) What are the kinds of bird that come there?

Most of the big rivers of the world flow into the sea. The Ganga and the Brahmaputra also flow into the sea. Have you seen the sea? Where?

(i) Can you name the two seas that lie off the eastern and western coasts of our country? Write their names.

ENVIRONMENTAL STUDIES CLASS- IV

Do you know that some animals also live in the sea? Look at the pictures and write their names in the given spaces.



Did you ever think about the harmful effects of pollution on animals ?
Let us read the following story.

Malappadu is a village in Guntur district of Andhra Pradesh. It is situated on the banks of the river, Chappadibagu. Nearly 1000 people live here with their cattle. The cattle drink water from this river. In 1977, this village became the victim of a strange disease. The cattle suffered paralytic strokes and died within a few days. Later on, scientists found that the river was polluted with lead-based chemicals and the cattle had died of lead poisoning. The Andhra Pradesh government immediately ordered a nearby factory to stop dumping of industrial wastes into the river.

Now answer the following questions.

- (i) Why did the cattle of Malappadu suffer from paralytic strokes?

- (ii) What was the reason for the death of the cattle of Malappadu?

- (iii) Why did the government order a nearby factory to stop dumping of industrial wastes into the river?

ENVIRONMENTAL STUDIES CLASS- IV

Our seas are also polluted due to the leakage of petroleum. Do you know that oil is transported across oceans by ships and oil- tankers? Some of the oil is lost by spillage and leakage. Can you imagine that more than 1 million tonnes of oil is spilt annually into the seas encircling our country? Sometimes sea shores are covered with black slime that kills fishes and sea birds.

- (i) Have you seen sea shores covered with black slime in television?
- (ii) Did you notice any bird or fish covered with black slime along the shore?

Activity

- (i) Make a model of a water body located in your neighbourhood by using scrap materials.
- (ii) Draw pictures of two animals found in the sea.
- (iii) Draw pictures of water bodies and colour them.