

LESSON No. 18



WATER SOURCES



SINGDA DAM

(i) Have you ever seen the Singda Dam ? When?

Do you know that a dam is a wall or barrier built across a river to store water? Thus an artificial lake is formed and we call it a reservoir. The water in the reservoir can be used for generating electricity, irrigation, drinking, etc.

(ii) Where do you see large amounts of water in your neighbourhood?

(iii) Is it a tank, pond, river, canal or dam?

(iv) What do men do with the water there?

(v) What do women do with the water there?

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(vi) What do children do with the water there?

(vii) What do animals do with the water there?

(viii) Is the water used for bathing or washing?

(ix) Who bathes there and who does not?

(x) Who washes there and who does not?

DIFFERENT PUBLIC ACTIVITIES AT WATER BODIES

			
<i>Washing clothes</i>	<i>Bathing in a pond</i>	<i>Cleaning utensil</i>	<i>Bathing animals</i>

Look at the pictures shown above and put a (✓) mark in the correct box of the following statements.

(i) Washing clothes in a tank will make the water of the tank dirty. ☐ Yes ☐ No.

(ii) Bathing in a pond will make the water of the pond dirty. ☐ Yes ☐ No.

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- (iii) Cleaning utensils in a tank will make the water of the tank dirty. ☐ Yes ☐ No.
- (iv) Bathing animals in a lake will make the water of the lake dirty. ☐ Yes ☐ No.

These activities will make the water of the tank or pond or lake dirty. How can we ensure that the water is not made dirty? Discuss and suggest measures for the protection of water bodies.

Read the following passage and answer the questions below.

Varanasi is situated on the banks of the Ganga. In this city, a large oil refinery dumps waste products into the Ganga. Again, several thousand litres of sewage are also poured into the river. The water of the Ganga was considered pure by our ancestors. But it is now polluted at places where industries are located. These industrial wastes contain dangerous chemicals which may kill animals, fishes and even human beings.

- (i) Name two other industrial cities situated on the banks of the Ganga.

- (ii) Why is the water of the Ganga polluted at places where industries are located ?

- (iii) Do you find factories dumping garbage or harmful materials in a nearby river of your locality?

- (iv) Do you find people dumping garbage in rivers or lakes?

- (v) Are some animals also facing problems due to what we do to the rivers or lakes?

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(vi) Have you ever seen dead fish floating in rivers and lakes?

(vii) Did you notice any change in the colour of the water?

Do you know that in some places, people struggle for acquiring water ? They even try to get it by digging deeper and deeper wells. But pumping out too much water causes the wells to dry.

Water is a limited resource. We must use it with care.

Activity

- (i) Pay a visit to the natural sources of water in your area.
- (ii) Observe carefully the purpose for which the water is being used.
- (iii) Make posters highlighting the misuse of the water body like the one shown below.



**Don't throw wastes into
lakes, rivers and ponds**