

NCERT SOLUTIONS

CLASS - 5th



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Class : 5th
Subject : Environmental Studies
Chapter : 6
Chapter Name : Every Drop Counts

Q1 Look at the area around your school. Are there any fields, farms, pucca roads, etc.? Is the area sloping rocky or flat? Think, what will happen here when it rains? Where will the rain water go into the drains, pipes, or pits? Is some water also getting soaked into the soil?

Answer. Yes, there are fields, farms, concrete road drains etc. around my school. The area around my school is basically flat. When it rains, the rain water goes into the drains, pipes and pits. Some water is also absorbed by the soil.

Page : 52 , Block Name : Observe And Find Out

Q2 How do you think the rainwater that falls on the roof will reach the underground tank? Draw the path.

Answer. The water collected on roof reaches the underground tank, through the pipe, connects both of these.



Page : 52 , Block Name : Observe And Find Out

Q3 Have you ever face shortage of water in your area? If yes, then what was the reason for it?

Answer. Yes, Sometimes we face shortage of water in our area. This is due to the cut in supply of water by Jal Board.

Page : 54 , Block Name : Observe And Find Out

Q1 Talk at your grandfather or any elderly person. Find out, when they were of your age From where did they get water from the house? Has there been a change now?

Answer. They used to get water from wells, bavdis, ponds, rivers and hand pumps. But now we get water supplied by Jal Board or from tube wells, hand pumps etc.

Page : 54 , Block Name : Think And Find Out

Q2 What kind of water arrangements were made for travelers — for examples plau, mashak (leather bag) or any other? Now a-days, what do people do about water when they travel ?

Answer. For travelers there were arrangements of mashak etc. Now a-days, people usually purchase packaged drinking water or carry their own water bottles.

Page : 54 , Block Name : Think And Find Out

Q1 Can we even imagine life without water?

Answer. No water is for the survival of life.

Page : 54 , Block Name : Customs Related To Water

Q2 Do you have some special pots for Water at your place?

Answer. Yes, in summer we use pot made up of clay and sand. Water remains cool in it.

Page : 55 , Block Name : Customs Related To Water

Q3 Have you ever seen any beautiful building near the place of water ? Where?

Answer. Yes, I have seen remain of as old beautiful near the stepwell at my village.

Page : 55 , Block Name : Customs Related To Water

Q1 Is there a lake, well or stepwell near your house or school ? Visit it and find out more about it How old is it? Who got it built?

Answer. Yes, there an old well near my house which is alunit 100 years old. The local people built it.

Page : 55 , Block Name : Find Out

Q2 What kinds of building are around it?

Answer. There are residential buildings around it.

Page : 55 , Block Name : Find Out

Q3 Is the water clean? Is It cleaned regularly?

Answer. No, the water is not clean, neither is it cleaned regularly.

Page : 55 , Block Name : Find Out

Q4 Who all use the water?

Answer. Now no one uses the water.

Page : 55 , Block Name : Find Out

Q5 Is there any festivals are celebrated at the place?

Answer. Yes, some rituals are performed during marriages etc.

Page : 55 , Block Name : Find Out

Q6 Is there any water today or is it dry?

Answer. There is a little water. However, it dries up during summer.

Page : 55 , Block Name : Find Out

Q1 There are two old wells in the area where Punita lives. Her grandmother says that about fifteen- twenty years ago there was water in these wells. The wells could have dried up because Water being pumped up from under the ground with the help of electric motors. The lakes in which rainwater used to collect are no longer there. The soil around trees and parks Is now covered with cement. Is there some other reason for this? Explain.

Answer. The reasons mentioned above are, of course, the causes of these states. However, cutting of trees, lack of maintenance etc. may also be the reason for the same.

Page : 56 , Block Name : Discuss

Q1 Let us see the different ways in which people manage water today. See page 57 and discuss. Do you get water In your house by any of these ways? Put a tick on that. If you get water by some other way, write in your notebook.



Answer. We get water from the Jal Board. We have connected a motor with the supply line. This helps us in storing water in the rooftop tank. The slum area near my house gets water from a Jal Board tanker which comes once in a day. In my grandfather's village there are unne hand pumps which draw underground water. I have seen some ladies in the village bringing water from the nearby canal.

Page : 56 , Block Name : The Story Today

Q1 Everyone has the right to live. Yet, is everybody getting enough water to live or even water to drink? Why Is it that some people have to buy drinking water? Should It be like this? Water on this earth Is for one and all. Some people draw out water from the ground by deep bore wells. How far Is it correct? Have you ever seen this? Why do some people is pump directly in the Jal Board pipe line? What problems would other people face due to this? Do you have any such experience?

Answer. It is true that today everybody is not getting enough water. Due to the scarcity of drinking water, some people have to buy it. Thing must not like this. Some people draw water from the ground by deep boring. It is a wrong practice. It is not only deprives other people of water but also effects the environment. In my colony many people do this. Some people also put a pump in the Jal Board pipe due

to which other people face scarcity of water. I also have had such experiences. We often suffer due to such practices by some of our neighbors.

Page : 58 , Block Name : Discuss

Q1 From which office has this bill come?

Answer. This bill has come from Delhi Jal Board.

Page : 58 , Block Name : Look On The Bill And Tell

Q2 Do you get water bill at home? Find out from where it is sent?

Answer. Yes, we get a water bill at home. We live in Delhi and so get our bill from Delhi Jal Board.

Page : 58 , Block Name : Look On The Bill And Tell

Q3 Why do you think Dilli Sarkar (Government of Delhi) Is written under Delhi Jal Board?

Answer. Dilli Sarkar (Government of Delhi) is written under Delhi Jal Board because Delhi Jal Board is a subsidiary of Government of Delhi.

Page : 58 , Block Name : Look On The Bill And Tell

Q4 In whose name Is the bill? How much money do they have to pay for each month?

Answer. The bill bears the name of Shri Mohd. Umar and Dr. Mohd. Shoaib

Page : 58 , Block Name : Look On The Bill And Tell

Q5 Do you have to pay for water? How much? Is the rate of water different in different colonies? Ask you elders.

Answer. Yes. we have to pay for water about Rs. 300 per month. The rate is the same in different colonies.

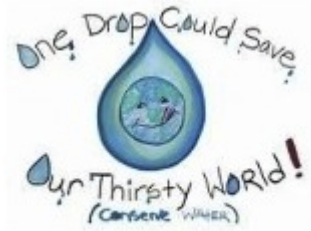
Page : 58 , Block Name : Look On The Bill And Tell

Q6 Have you ever read this kind of news in any newspaper ? How did people solve their problem of water? Did they repair and reuse any old lake or stepwell?

Answer. Yes, a few years back there was an acute scarcity of water in my village. To solve the problem, villagers made collective offers and cleaned up and repaired the pond and all the wells of the village to make them usable again. Tons of garbage was taken out from these water bodies. The hard work of villagers bore fruit and even today they are fulfilling their water from these pond and wells.

Page : 59 , Block Name : Look On The Bill And Tell

Q1 Make a poster. Do you remember the slogan "Water on earth is for one and all"? Think of some other such slogans. Draw pictures and make a nice poster



Answer.

Page : 59 , Block Name : What We Have Learnt

Q2 Bring a water bill, look at It and tell-

Answer. This Is from 10.07.2009 to 05.09.2009.

Page : 59 , Block Name : What We Have Learnt

Q3 How much money Is to be paid for this bill?

Answer. Rs. 312.00.

Page : 59 , Block Name : What We Have Learnt

Q4 What else can you see In the bill like, the money spent on repair, maintenance

Answer. Yes, 28 rupees have been spent on repairing, which is included in the bill.

Page : 59 , Block Name : What We Have Learnt