

Lesson 6



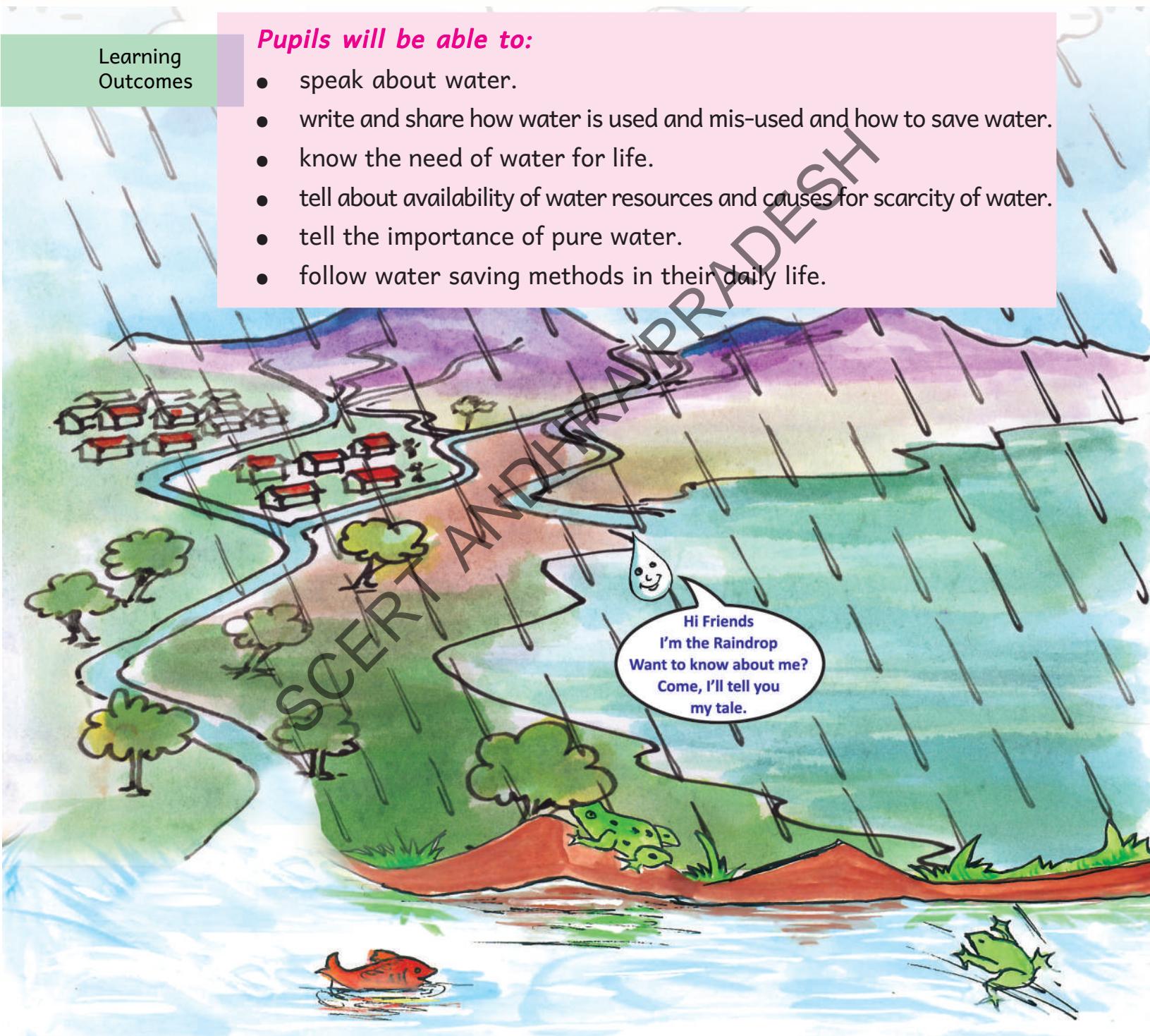
Water - The Gift from Nature



Learning Outcomes

Pupils will be able to:

- speak about water.
- write and share how water is used and mis-used and how to save water.
- know the need of water for life.
- tell about availability of water resources and causes for scarcity of water.
- tell the importance of pure water.
- follow water saving methods in their daily life.



Hey! I am the water drop. I fall from the clouds. I am very important to your life. Water is a gift of nature. You need water to live. Plants and animals also need water to live. You cannot live without water. You use water in many ways in your daily life. Do you know how I am used in your daily life? Walk with me through. I will tell my story and how important I am to you.

Uses of water

Activity :

Let us tell how is water used in their neighbourhood.



Drinking



Bathing



Cooking



Washing Clothes



Watering



Cleaning

Water is used for many activities in our homes. In addition to this, we use water for other purposes.

Let us see the Pictures



Put off Fire



Agriculture



Aquaculture



Construction

You have seen some of the uses of water. Let us know how important it is to the others. Farmers can grow crops only if water is available.



Have you ever seen ponds where prawns and fishes are grown? Yes! I have seen a pond where fishes grow but not prawns.

Sources of Water

Where does the water in your house come from? The water comes from the tap. Does everyone in your neighbourhood get water from the same source? Yes! They do. Water comes from different sources. Rain is the main source of water.



Do You Know

World Water Day is on 22nd March



Oceans, rivers, lakes, streams, ponds and springs are natural sources of water.



Ocean



River



Lake

Dams, Wells, Tubewells, Handpumps, Canals are man-made sources of water.



Dam



Canal



Well



Hand Pump



Tubewell



Borewell

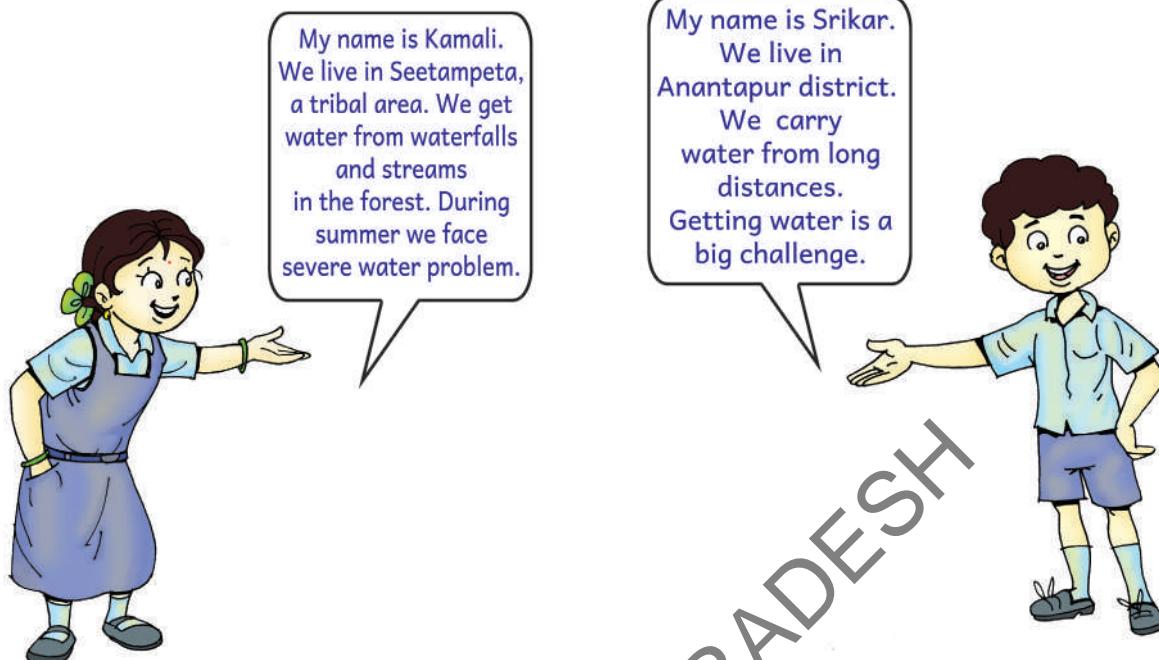
Activity

Tick (✓) the water sources available in your village:

Source	Tick Mark
1. River	✓
2. Canal	✓
3. Well	

Source	Tick Mark
4. Tap water	✓
5. Bore well	
6. Tank/Pond	✓

Scarcity of water



In many villages people get water from the village well. Some people walk very far to get water for their daily use. The wells and ponds dry up during summer and the water in the bore wells also get decreased. In some places people wait for the water-tanker or public taps.





Think and Discuss

$\frac{71}{100}$ parts of earth are covered with water
(71%.)

Kamali's Father said that ~~three parts~~ ^{3 out of 4} of the earth are covered with water. We have so much of water on the earth. But her aunt says that there is a shortage of water. We should save water. If we waste water the way we do right now, we will have no water to drink one day. Think why.

because water will be over. (And most of earth's water is salty)

Can you drink water directly from all the available sources? No! we can't drink water from available sources directly because it may not be clean.

Protected water

We can see water around us but we do not drink it directly from all the sources. It may be polluted due to different activities.

Let us observe these pictures. What are they doing? ^{they are swimming, taking water, filling up water, washing clothes, taking shower & cleaning a cow.}



Water gets polluted due to human activities. We have to drink pure water. Government is providing pure water under the safe drinking water scheme to all the people. Do not drink unsafe water.



Do not use unsealed or water stored in bottles and packets for a long time.

The water we drink should be clean and germs free. The most common way to purify water is boiling. We should boil water and cool it before drinking. We can also purify water by using water filters and water purifiers. Water should be stored in clean and closed containers.



Till date, we heard about an assembly bell, class bell and break bell. But now AP Govt has introduced a special bell that rings three times a day, that is '**Waterbell**' which aims at encouraging students to drink sufficient water during the day to stay hydrated and fit.



Most of us use water bottles to drink water.

Why should you clean water bottles frequently? Because, disease causing germs may develop in the bottle. If we use such bottles or vessels we may fall sick. So, water bottle should be cleaned with salt water regularly.

Activity

Observe and do the process of cleaning a bottle

Put a pinch of salt in the water bottle, pour some warm water and clean it with a bottle brush.



Wastage of water



My dear children, I want to say something important. Water is very precious.

Please do not waste water. Do you know what happens if you waste water? Yes, I know.

Let us observe the following picture.



Think and Discuss

How is water being wasted in your surroundings? How can you help?

What should be done to stop wastage of water?

We should turn off the tap when we are not using water.

Our World

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We are wasting by leaving the tap water on when we are not using it. It can help by turning off the tap when not in use.

How to save water?

Ramu's family follows some steps at home to save water.

- Uses small glass to drink water.
- Washes fruits and vegetables in a bowl of water and not wastes under running tap water.
- Never allows water to overflow from the bucket.
- Turns off the taps immediately after using water for brushing, washing clothes, taking bath etc.
- Checks the pipes for leaks.
- Turns off the motor when the tank is full.
- Create awareness not to waste water.
- Put up slogans not to waste water.
- We should not allow water to overflow.
- We should turn off the tap before water overflows from the vessel.



Key words

water resources, protected water, irrigation, stored water, scarcity, water tanker, aquaculture, agriculture



What we have learnt

- We use water in many ways in our day today life.
- Rain is the main source of water.
- Oceans, rivers, lakes, streams, ponds and springs are natural sources of water.
- Dams, wells, tubewells, hand pumps and canals are man-made sources of water.
- Water gets polluted due to human activities.
- We have to drink clean water only.
- We should not waste water.

we need water to drink, to clean, to cook, to grow plants etc.



Improve Your Learning

I. Conceptual Understanding (Tell and write).

Answer the following questions.

1. What are the uses of water in our daily life?
2. What happens if there is no water?

If there is no water,
we can't stay alive.

canals, dams, wells, hand pumps etc.
are a few examples of water resources.

3. Give a few examples of water resources.
4. How can you save water?

II. Questioning

5. What questions would you ask your parents to know about the water sources in the olden days?

III. Experiments and field observations.

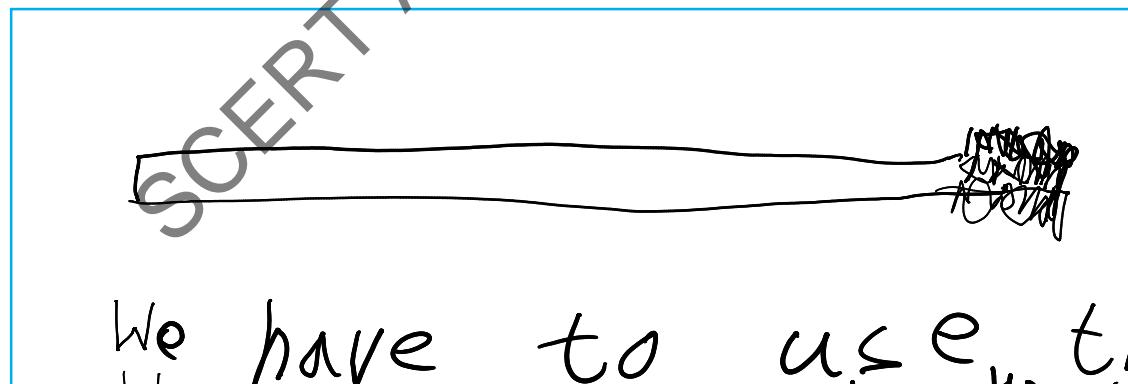
6. Visit a protected fresh water scheme in your village and observe how water is supplied and the steps taken to supply. Say / write what they remove dust, bacteria and chemicals from water and send through pipes.

IV. Information skills - Project work.

7. Collect information from your friends about how they save water?

Name of the Friend	Source of Water	Water Saving Methods
Dagni Jiti	tap	don't keep the tap running
Tej bhoja	tap	don't dump water
Shankhidhi	tap	Instead of wasting water, we can plant trees.
Sahaskra Akka	tap	we can take bath using a bucket of water instead of shower.

8. Draw a picture of a bottle brush and say how to use it.



VI. Appreciation, values and creating awareness towards biodiversity.

9. One day Devi was going to her friend's house to play. On the way she saw some children wasting water at a bore pump.

What might have Devi told them? What would you do if you were there?

Devi might tell them to not waste water from the bore pump.