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Water—Our Precious Resource

Key Concepts

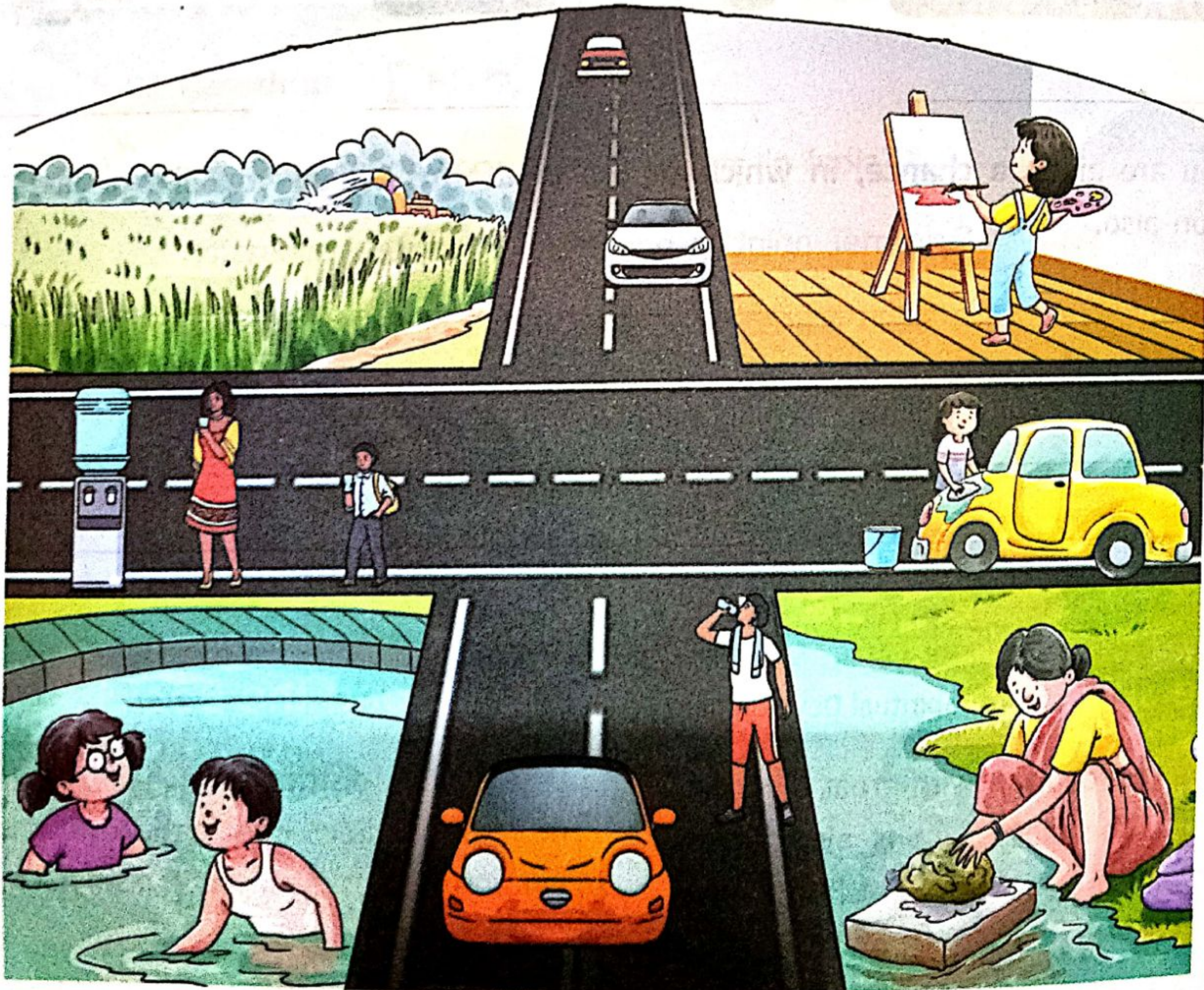
In this lesson, we will learn about:

- Water
- Water Bodies around us
- Where to Store Water?
- Water Pollution



Warm-Up

Direct Perception



Observe the image carefully. Write down all the activities where water is used.

Rainwater Harvesting Systems:

Some communities collect rainwater from rooftops and store it in large tanks or underground **reservoirs**. This method helps **conserve** water and recharge groundwater levels.

Water is a resource that sustains life and connects us to the natural world around us. We must value and conserve this precious gift for ourselves and future generations.



CODE-101B

Water Pollution

When the different water sources get dirty due to human activities, such as washing clothes, bathing animals, defecating near water bodies and throwing garbage from factories and houses, it is called **water pollution**. The

harmful things that make water dirty are called **pollutants**. Consumption of dirty, polluted water causes diseases, such as **cholera**, **diarrhoea** and **typhoid**.



Rejuggle

Mental Development

Rearrange the words correctly:

1. T H P O Y D I

Typhoid

2. A C L O E H R

cholera



Sense of duty



We all can make efforts to control and reduce water pollution. Think of some ways of purifying water. Share it in the class.

Reservoir : an artificial lake where water is stored.
Conserve : to save or protect something



Things I have learnt

- Water is a colourless, odourless and tasteless liquid.
- It covers about 71% of the Earth's surface.
- Rain is the main source of water on the Earth.
- Water is a resource that sustains life and connects us to the natural world around us.
- We use water for drinking, cooking, cleaning, irrigation, etc.
- Consumption of dirty, polluted water causes diseases, such as cholera, diarrhoea and typhoid.



Think and answer

Communication

A. Answer the following questions orally.

- Mention any one human activity that pollutes the water. *Washing clothes into water*
- Which is the main source of water? *Rainfall*
- Which ocean is in the South of India? *Indian Ocean*

Tick (✓) the correct answers.

- How much area of the Earth's surface is covered with water?
a. ☒ 71% b. 61% c. 51%
- It is a water pollutant.
a. Nitrogen b. Burning of wood c. ☒ Garbage from homes
- For what purpose water is being used in the given image?
a. Cooking
b. ☒ Cleaning
c. Washing clothes
- Which of the following is not a source of water?
a. Ocean b. River c. ☒ Tapwater



Fill in the blanks. Choose words from the box.

pollutants

Clay Pots

Reservoir

three

- The harmful things that make water dirty are called pollutants.
- clay pots are traditional water storage containers.
- Reservoir is an artificial lake where water is stored.
- Water exists in three forms.

Answer these questions. [N.B.]

- What will happen if there is no water on Earth? **Non-Perception**
- What is the rainwater harvesting system?
- Mention any three uses of water.
- Imagine you and your friends are playing in the park, and you see a tap running but no one is using it. What would you do in this situation? Why is it important to take action? **VALUE BASED QUESTION**
- How are human activities polluting water? **HOTS**

Analysis based question.

In every row put a circle around one that is different from others. Also tell how it is different.

- River, lake, pond, spring.
- Bathing, swimming, combing hair, kneading dough.
- Fish, duck, monkey, crocodile.