



CHAPTER: WATER O WATER

Grade: **3**

Board: **CBSE**

Book: **NCERT**



1.

Chapter Summary and Placement

Read through the following to understand the gist of the lesson.





The students will be familiar with water and its uses. The importance of the same is mostly ignored. This chapter introduces the students about the importance of water, sources of water, it's storage and uses. The students will be analysing the water crisis faced by many people of the society.





2.

LEARNING OUTCOMES

<On completion of the chapter, students will be able to:>



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- 
1. Understand the importance of water as a useful resource
 2. List the sources and uses of water
 3. State the forms of water
 4. Estimate volume of water in different containers



3. PREVIOUS KNOWLEDGE REQUIREMENT

<The below points should be refreshed before introducing the chapter::>



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- 1) Water and the names of the sources from where we get it
 - 2) Identify different storage methods
 - 3) Recall the issues they have heard about water crisis



4. TEACHING PLAN

Follow this section for getting ideas on teaching the content covered in the chapter. The subtopic given in the first column with the matching learning outcome can be explained using instructions and resources listed subsequently



Subtopic and Learning Objective #1

LO: Understand the importance of water as a useful resource

Teacher Activity

1. The teacher can introduce the chapter by carrying out Activity 1
2. The teacher can also ask the students to list a few a few things that do not need water. The intention is make the students understand the importance of water.
3. A few responses are:
 - Uses of water: Cooking, bathing, drinking, for plants etc.
 - Activities that don't need water: Folding clothes, combing hair etc..
 - Stress on the fact that how essential life activities are indeed dependent on water

Check for understanding:

- a) What do you drink when you are thirsty?
- b) Does a plant need water to live? (True/false)

Resources Suggested

Textbook, chalkboard, Resource 1

Activity 1

Name of the activity – Uses of water

Type of activity – Individual

Learning Objective: Analyse the student's daily life and understand the uses of water.

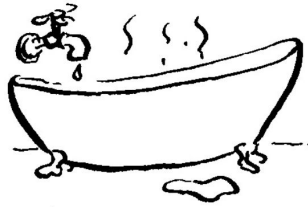
Use it for – Introduction to the chapter.

Materials – Paper, pencil, eraser, crayons/color pencils

Teacher instructions:

1. The teacher may ask the students analyse the uses of water in their house
2. The students should name the purpose and the use in single line
3. Student can draw the image if applicable. For example if the purpose is cooking, the student can draw pot with liquid shown inside the pot. This adds fun quotient to the activity.
4. The teacher can make the students form groups and explain their drawings to each other in the group.

Resource 1: Uses of water



Subtopic and Learning Objective #2

LO: List the sources and uses of water

Teacher Activity

1. The teacher should ask the students to name the various sources of water and help the students to describe a pond, a river, a lake, a sea..

Check for understanding:

- a) Name the nearest river to your town/ city.

Resources Suggested

NCERT textbook

Subtopic and Learning Objective #3

LO: State the forms of water

Teacher Activity

1. The teacher can display the images in Resource 2
2. The teacher can ask the students whether they have been to places having snowfall.
3. Let them explain their experience to the whole class.
4. Move to introduce the three states of water: solid, liquid and ice and where do they find them in their house

Check for understanding:

- a) Have you ever tried keeping an ice cube in your hand? What happens to the ice cube?

Resources Suggested

NCERT textbook

Resource 2: Forms of water



Dew Drops



Snow



Ice cubes



Water Vapour

Subtopic and Learning Objective #4

LO: Estimation of water in different containers

Teacher Activity

1. The teacher may perform Activity 2 for the students to understand the quantity in different containers
2. Perform the Activities mentioned below for better understanding of the chapter.

Check for understanding:

- a) Which of the following can carry more water?



Resources Suggested

NCERT textbook

Activity 2

Name of the activity – Where did the water go?

Type of activity – Individual

Learning Objective: Estimation of water in different containers

Use it for – Introduction to the topic of estimation of volume.

Materials – Water, glass, different shapes and sizes of containers

Teacher instructions:

1. The teacher may carry the materials to the class.
2. Divide the students into small groups.
3. The students should come group by group and perform the activity.
4. Ask the students to pour the water into different containers.
5. Analyse the amount of water being filled in different containers
6. The teacher can summarise by asking the students what they have observed while doing the activity. They students may tell that:
 - The capacity of one container is different from other.
 - Even though the container look taller, they may hold less water compared to a shorter and wider container.

Activity 3

Name of the activity – Vessels of different shapes

Type of activity – Individual

Learning Objective: Analyse the shapes of different containers used at home for storing water

Use it for – Understanding the different shapes

Materials – Water, glass, different shapes and sizes of containers

Teacher instructions:

1. The teacher may ask the students to analyse the different shapes of vessels used for storing water in their house.
2. The students should make a drawing of the vessels/containers.
3. The students can give appropriate colors to the shapes they have drawn.
4. Ask the students to display their drawings to the class.
5. The teacher can also ask the students to color the images given in the text. Refer to Resource 3.

Activity 4

Name of the activity – A small discussion

Type of activity – Individual/ Random

Learning Objective: Observe the difficulty faced by a few to get water and discrimination prevailing in the society

Use it for – Understanding discrimination and water scarcity

Materials – Textbook

Teacher instructions:

1. The teacher may ask the students a few questions regarding fetching drinking water. A few examples are:
 - Where do you get drinking water from?
 - Who gets and stores water in your house for drinking purpose?
 - Do you need anybody's help to store water?(neighbours/a public place)
 - Do you help in storing water in your house? If so how?
 - Do you know anybody who was barred from fetching water from a common place or other source
2. The teacher can prompt the students with clues and help them arrive at an answer
3. The small discussion on the discrimination can be initiated by the teacher.
4. The teacher can end the discussion by teaching the students that discrimination is not a good practice and everybody has the right to use the natural resources.

Resource 3





5. WORKSHEETS

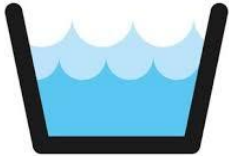
Print or copy the worksheet questions on the blackboard and ask the students to attempt them. They can be given as homework or a class test as well.

Worksheet 1

Use it like: Class test, Home assignment, Revision

Right the correct name and match with the correct image

1. IVER: _____
2. ATWRE: _____
3. LWEL: _____
4. NTAK: _____
5. NAIR: _____



1



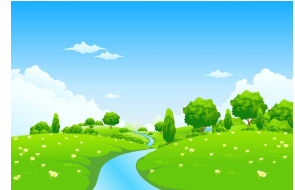
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4



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Worksheet 2

Use it like: A class test, home assignment, revision

Give examples for each of the following:

1. Two uses of water.
2. Two containers to store water.
3. Two purpose that need water
4. Two activities that do not need water
5. Two sources of water



6. SOLUTIONS

This section gives you sample answers for activities and questions listed above.



Worksheet 1

1. River - 5
2. Water - 4
3. Well - 2
4. Tank - 1
5. Rain - 3

Worksheet 2

1. Drinking, cleaning vessels
2. Bucket, pot
3. Bathing, cooking
4. Singing, dancing
5. River, well



7. EXTRA RESOURCES

Carry out the following suggested activities/ tasks if you have the time and resources to do them



1. Reference Video links:

The students can be suggested to watch the following videos/ shown in class:

<https://www.youtube.com/watch?v=DMfdMEA8e10>

<https://www.youtube.com/watch?v=gvuhAVH-BU8>

2. Extension activity 1:

Carry out the following suggested activities/ tasks if you have the time and resources to do them

Purpose: Understanding an extended family

The teacher may ask the students to talk to their family members or other neighbours and relatives to gain more knowledge their parents, grandparents, cousins aunts and uncles and try creating a big family tree on a chart with all the relationship mentioned.