



Master Lesson Plan

For

Water 'o' Water

Board	Standard	Subject	Chapter	Language	Reference Link	Creation
CBSE	STD III	EVS	Water 'o' Water	English	Water o' Water	2020-09

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Water 'o' Water

1. MS_Objectives_Water 'O' Water

Notes to the teacher: This asset lays down the proposed plan for transacting this chapter.

It states the asset objectives of the MLP.

This asset is for teacher's reference and need not be taught to the students.

Students will be able to:

- relate to the banyan tree
- describe the different sources of water
- summarise the uses of water
- apply their previous knowledge to infer the facts related to modes of transport and habitat
- appreciate the additional information about hydroelectricity
- practice water conservation
- locate the sources of water in the word grid
- realise the importance of water conservation
- recall the sources and uses of water

Time to teach	Asset Type	Theme	SubTheme
2 Minutes	Main Script	Water	Precious Resource, Preciou

2. IQ_Uses of Water bodies

1. What is a habitat? Name some animals that only live in water.

The place or environment where living beings live is called a habitat. Water is a habitat of many animals.

Animals like fish, crab, starfish, turtles, whales, sharks, dolphins etc. live in water.

2. What are the different ways in which we can travel on water without getting wet?

We could travel by boats, yachts, ships, submarines etc. which are the various means of water transport.

3. Why is Earth known as a blue planet?

Earth is made up of three fourths water and one fourth land. When astronauts saw the Earth from space it looked blue.

So, it is known as a blue planet.

Note to teachers:

Teacher must encourage the students to think and come out with as many answers as possible before giving out the right answer/ answers.

Teachers may also summarize the different answers given by the students and explain the answer further.

A few terms:

Habitat: A place where living beings live.

Submarine: An airtight ship that can stay underwater for a long period of time, mostly used for war purposes. It is also called an Underwater-Capsule.

Yacht: A boat with sails and sometimes an engine, used for either racing, travelling or for pleasure.

Time to teach	Asset Type	Theme	SubTheme
3 Minutes	Inquisitive Questions	Water	Uses of water, Uses of wate

3. MS_Sources of Water

Note to teachers:

Teachers may begin the class with a few questions on the student's awareness about the sources of water.

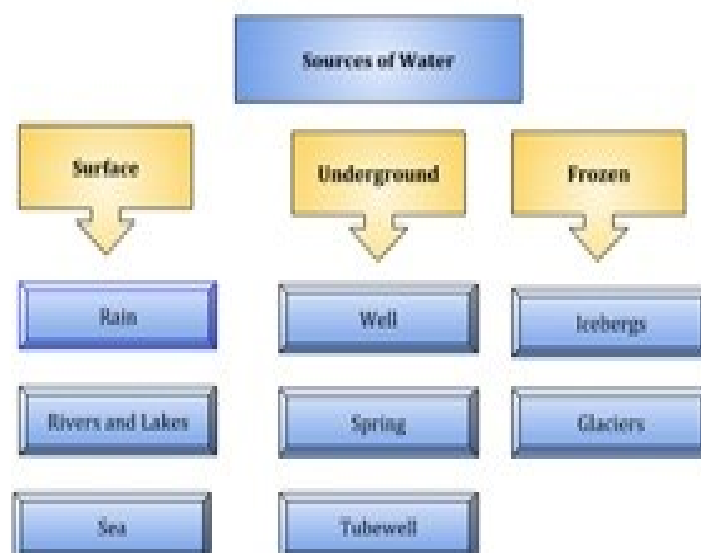
Water is very important in our lives.

All living beings whether humans, animals or plants cannot survive without water.

Let's see from where we get water.

Three-fourths of our Earth is made up of water.

Let us learn about the sources of water.



Ponds, lakes, streams, rivers, seas, oceans are the major water bodies.

A pond is a small area of still water. It is smaller than a lake.

A lake is a body of fresh water surrounded by land.

A stream is a small flowing water.

A river is a stream of water flowing into an ocean, lake, pond, or even another river.

A river is larger, deeper, and longer than a stream.

River



Stream



A sea is a large body of salt water surrounded partly or wholly by land.

An ocean is a huge body of salt water.

Sea



Have you ever wondered from where these ponds, lakes, rivers, seas, oceans, and wells receive water?



Rain is the main source of water. They receive water from the rain. It is the rain that fills water in ponds, lakes, rivers etc.

Some rainwater seeps into the ground and this water is called underground water.

How do we draw out the underground water?



Wells, hand pumps and bore-wells are built to draw out water from beneath the ground.

In some villages, people have to travel some distance to bring water to their homes.

They bring water from rivers close by. In some villages, they draw water from wells or use hand pumps to draw water from underground.

Some mountains are covered with snow. The snow melts and flows in the form of water into the rivers.



How does the water flow from our taps?



Water from rivers/ lakes is collected and carried through pipes to a water treatment plant where it is cleaned.

Once it is cleaned, water is carried through pipes from the water treatment plant to huge tanks built in the neighbourhood.

From these huge tanks, water is carried through pipes to overhead tanks built at the top of our buildings.

Pipes in the building carry the water from the overhead tank to our homes.

When we open the tap, water comes out with full force.

Image source:

<https://pixabay.com/photos/well-vintage-old-stone-water-3514620/>
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<https://pxhere.com/no/photo/865800>
<https://www.maxpixel.net/Rainfall-Weather-Storm-Wet-Grey-Rain-Rainforest-3656138>
 SSSVV Gallery

Time to teach	Asset Type	Theme	SubTheme
10 Minutes	Main Script	Water	Sources of water, Sources o

4. MS_Uses of Water

Note to teacher:

Teacher may ask relevant questions related to the uses of water and get answers from the students.

Teacher may also summarize the different answers given by the students and explain the answers further.

Most importantly man, birds and animals require water for drinking. If plants are not watered, they will die.



Water is required to carry out most of our day to day activities.

Water is required for cooking, watering plants, cleaning fruits, vegetables, homes, vehicles etc.

Water is needed for brushing, bathing, and washing our hands.

Water is required to carry out most of our day to day activities.

Water is used for washing clothes and utensils.

Water is used by firefighters to put off fire.



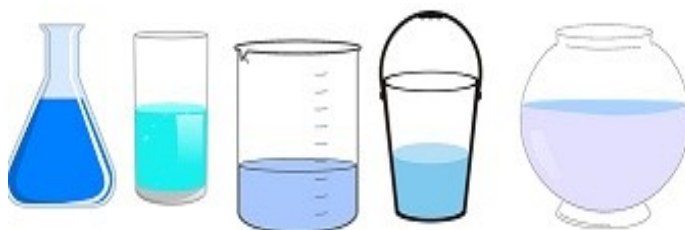
Farmers use water for irrigation of crops. Farms require a large quantity of water.



Water is also one of the modes of transport.



Water can be stored in pots, jugs, bottles, cans, buckets, glasses etc.



A very unique property of water is that it does not have a fixed shape. It takes the shape of the vessel in which it is poured. The volume of water remains the same



Image Source:

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Time to teach	Asset Type	Theme	SubTheme
10 Minutes	Main Script	Water	Uses of water, Uses of wate

5. DD_World Water Day

World Water Day

Every year March 22nd is celebrated as World Water Day. It is very important to observe this day every year to remind us of the importance of water and why we should learn to preserve it. It is very important for us to develop the habit of saving water. Following are the ways in which we can save water in our day-to-day activities.

1. Keep the tap closed while brushing teeth.



2. Close all taps tightly after use.



3. Use the washing machine only when there are enough dirty clothes to fill the machine to the maximum.
4. Use a bucket or mug to water plants instead of water hose.



5. For bathing use a bucket and mug instead of a shower.
6. Practice rainwater harvesting at your level. Rainwater can be collected in various containers and can be used for watering plants and cleaning floors.



Note to the teacher: Teacher may discuss the following points with the students and make the students understand the relevance of practicing them.

Image Source:

<https://pixabay.com/vectors/girl-pour-flowers-watering-can-4529589/>
<https://publicdomainvectors.org/en/free-clipart/How-to-brush-your-teeth-color-vector-illustration/28476.html>
<https://publicdomainvectors.org/en/free-clipart/Save-water-logo-vector-image/16812.html>
 SSSVV Gallery

Time to teach	Asset Type	Theme	SubTheme
3 Minutes	Day-to-day Relevance	Water	Conservation of water, Cons

6. SA_Identify the Sources of Water

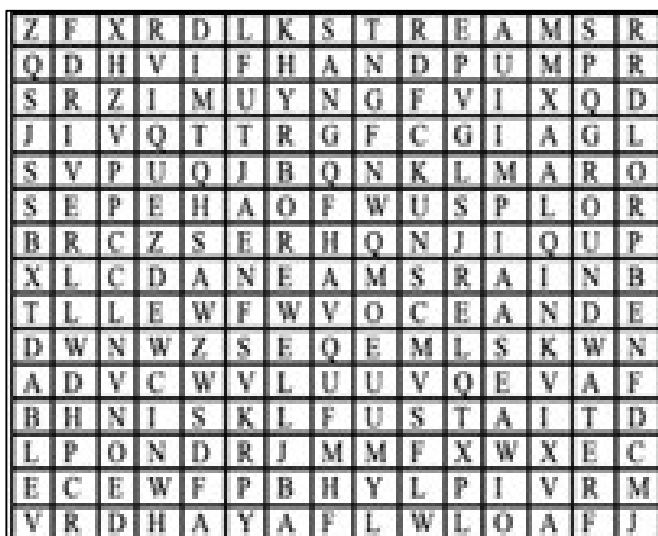
Aim: The aim of this activity is to make students recollect and remember all the different sources of water.

Resources Required: Printout of word grid sheets as per the strength of the class.

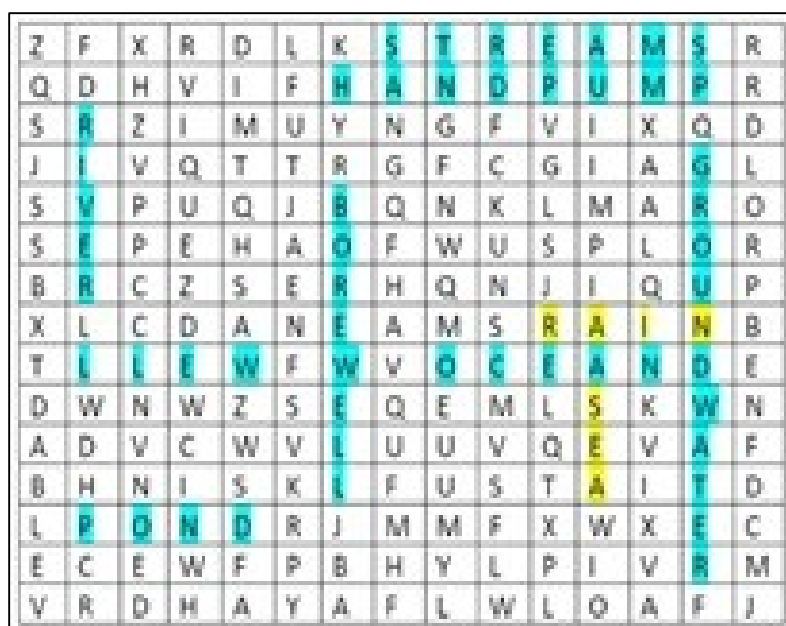
Setting for the Activity: Indoor

Type of Activity: Individual Activity

Procedure: Distribute the word grid sheets to each student and ask them to find out the different sources of water hidden in the grid. The answers in the grid could be spelled forwards, downwards or even backwards. Whoever finishes first could be appreciated.



1. Ocean 2. Sea 3. Streams 4. Pond 5. Well 6. River 7. Bore well 8. Groundwater 9. Rain 10. Hand pump

ANSWER**Notes to the teacher:**

Teacher may print the required number of copies of the Word search grid for the students to solve.

Precaution: NA

Trouble shooting: NA

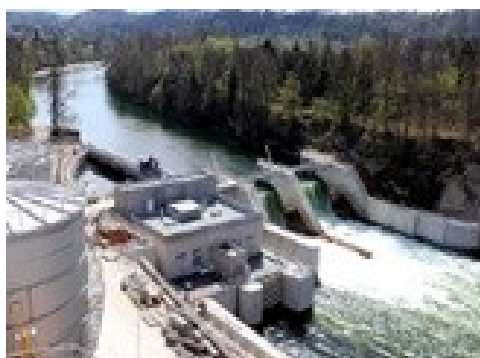
Time to teach	Asset Type	Theme	SubTheme
10 Minutes	Suggested Activity	Water	Sources of water, Sources o

7. IA_Hydroelectricity**Power from Water**

Electricity can be generated from moving water.

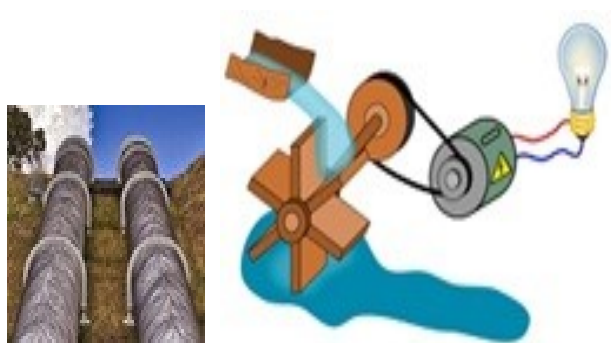
Flowing or falling water from rivers has a lot of energy.

Dams are built across rivers to store the excess water.



This water can be controlled and made use of by forcing the water through a pipe.

When the water flows through the pipe, it spins the turbine.



The turbine in turn spins the generator, which produces electricity. The generator will produce electricity if the water is flowing.

Note to teachers: A turbine is a machine through which liquid or gas flows and turns a special wheel with blades to generate power.

Image Source:

<https://pixabay.com/photos/hydroelectric-power-station-current-4560237>

<https://pixabay.com/photos/pipes-hydroelectricity-pipeline-4502828>

<https://freesvg.org/1-power-plant-hydroelectric-by-juhele>

Time to teach	Asset Type	Theme	SubTheme
3 Minutes	Interesting Asides	Water	Uses of water, Uses of wate

8. VC_Conserve Water

Conserve water; Conserve life

Our Earth is also known as blue planet because almost three-fourths of the Earth's surface is covered with water.



- ❖ All living things need water to live.
- ❖ We get water from many sources such as rain, rivers, lakes, ponds, seas, wells etc.
- ❖ We must use water wisely and prevent water pollution and wastage.

Ways to conserve and save water

1. Plant and grow more trees to increase rainfall.
2. Don't use running water for brushing, washing clothes, vehicles, and watering plants
3. Regularly check taps and pipes for leakage. We can collect rainwater in tanks, buckets and drums and use it for different purposes such as washing clothes, cleaning of houses and watering plants.



Image Source:

<https://freemvg.org/3d-earth-globe>
SSSVV Gallery

Time to teach	Value Type	Value Sub Type	Value Attribute
3 Minutes	Right Action		Open

9. QA_Sources and Uses of Water

A) Fill in the blanks with appropriate words given in the brackets:

(Hand pump, snow, rain, taps, pond, Electricity, man, pipeline, irrigation, animals, fire, birds)

1. _____ is the main source of water.
2. _____ is a body of still water that is smaller than a lake.
3. People use a _____ to pump out underground water.
4. Water flows into our homes through _____.
5. _____ melts and flows down mountains into rivers
6. Farmers use water for _____ of crops.
7. Firefighters use water to put off _____.
8. Water is used to generate _____.

9. _____, _____ and _____ need water for drinking.

10. At home we get water through _____

Answers: 1) Rain 2) Pond 3) hand pump 4) taps 5) Snow 6) irrigation 7) fire 8) electricity 9) Man, animals, birds
10) pipelines

B) Match the following:

Column A	Column B
A. Pulling out underground water	Sea
B. A body of water surrounded by land	Lake
C. A natural flow of water smaller than a river	Well
D. A large body of salt water wholly or partially surrounded	Stream

Answers: a) Well B) Lake C) Stream D) Sea

C) Tick the activities that require water and cross the activities that do not require water:

To swim	to dance	To Paint
To write	to wash clothes	to cook
To bathe	to wash vegetables	To walk

Answer:

To Swim 	To Dance 	To Paint 
To Write 	To Wash Clothes 	To Cook 
To Bathe 	To Wash Vegetables 	To Walk 

D) Answer the following:

1) How do we draw water from beneath the ground?

Answer: Wells, hand pumps and bore wells are built to draw out water from beneath the ground.

2) Name some freshwater bodies found on the Earth.

Answer: River, Lake, Pond, Stream

3) Mention the significance of snow-covered mountains.

Answer: The snow melts and flows in the form of water into the rivers.

4) Does water have a fixed shape?

Answer: Water does not have a fixed shape. It takes the shape of the vessel in which it is poured. The volume of water remains the same.

5) How does the water flow from taps into our house?

Answer: Water from rivers / lakes is collected and carried through pipes to a water treatment plant where it is cleaned. Water is carried through pipes from the water treatment plant to huge tanks built in the neighbourhood. From these huge tanks, water is carried through pipes to overhead tanks of our buildings. Pipes in the building carry the water from the overhead tank into our homes. When we open the tap, water comes out with full force.

Notes to the teacher:

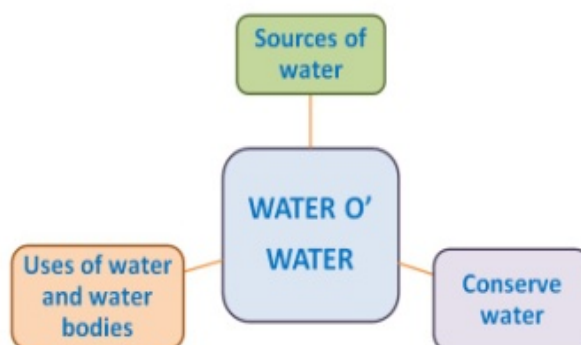
Teacher may print these worksheets and make the students answer them or the teacher may even use these questions to set up the question papers.

Time to teach	Asset Type	Theme	SubTheme
10 Minutes	Assessments	Water	Sources of water, Sources o

10. MS_Summary_Water 'O' Water

In this lesson we discussed:

- ❖ sources of water
- ❖ uses of water
- ❖ need to conserve water



Time to teach	Asset Type	Theme	SubTheme
2 Minutes	Main Script	Water	Precious Resource, Preciou