



Master Lesson Plan

For

It's Raining

Board	Standard	Subject	Chapter	Language	Reference Link	Creatio
CBSE	STD III	EVS	Its Raining	English	Its Raining	2020-12

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It's Raining

1. MS_Objectives_It's Raining

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.

The students will be able to

- ❖ explain the formation of clouds and rain
- ❖ correlate to clouds and rains
- ❖ appreciate a rainbow
- ❖ adapt to conservation of water
- ❖ relate to water and the states of water
- ❖ make paper boats using origami paper or paper from old magazines.
- ❖ practice rainwater conservation
- ❖ recall the formation of clouds and rain

Time to teach	Asset Type	Theme	SubTheme
2 Minutes	Main Script	Water	water cycle, water cycle

2. IQ_Clouds and Rains

- Is rainwater fresh water and can we use it?



Answer: Yes, rainwater is fresh water, and it can be used for many purposes. Rainwater can be filtered and boiled and can be used for drinking as well.

- Have you observed the colour of the clouds during rains? Why do you think that the colour of the clouds is different?



Answer: The colour of the clouds are black or grey. The colour of the clouds is different because these clouds contain heavy droplets of water which then fall as rain. More the water vapour--darker the cloud shall be

- What will happen if it rains continuously for two to three days?



Answer: If it continuously rains heavily, water logging starts and people have to wade through the water to go from one place to another. The roofs of houses start leaking. Sometimes heavy rains cause floods, resulting in loss of many lives and properties.

Notes to teachers: Teachers may enable 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 answers further.

Image Source:

<https://pixabay.com/vectors/cloud-weather-rain-rainfall-37011/>

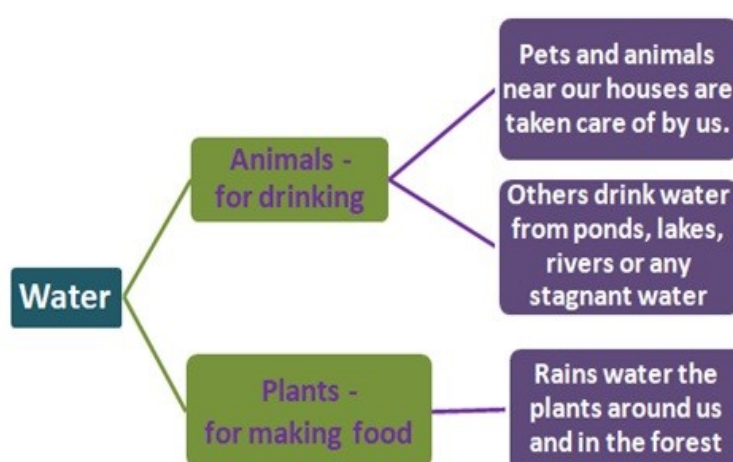
<https://pixabay.com/vectors/rain-heavy-rain-cloudy-rainy-drops-98538/>

<https://pixabay.com/photos/flood-danube-sandbag-park-139000/>

<https://pixabay.com/photos/flood-weather-rainy-days-heavy-rain-965092/>

Time to teach	Asset Type	Theme	SubTheme
3 Minutes	Inquisitive Questions	Water	States of Water, States of W

3. MS_Formation of Clouds and Rain



All animals including human beings need water to drink and for other activities.

Plants need water to prepare their own food.

We give water to our pet animals and birds.

The animals that are not taken care of by us drink water from ponds, lakes, rivers, or any place where there is stagnant water.



The gardener takes care of the plants in the gardens and parks by watering them.

The plants in the forest and around our house depend on the rains for water. The plants start drooping if they do not get water.



The clouds in the sky bring us rains.

The clouds in the sky are of different colours, shapes, and sizes.

Sometimes the clouds take the shape of birds, animals, or any other form.

The clouds also appear or disappear for a long time.

The colour of the clouds changes from white to grey to black when they pour down as rains. The clouds may also appear orange, yellow or red.

Sometimes rains are accompanied with a flash of lightning and thunder.

Sometimes there may be a shower of hailstones along with rain.



Everybody feels very happy when it rains after the hot summer season.

The weather becomes pleasant, refreshing and very cool.

The plants look very green and fresh as their leaves are washed by the rains.

The children love to get drenched and play with paper boats in the rainwater pools.

The ponds, pools, rivers etc. that get dried during summers are filled up by the rains.

Heavy rains for a long-time cause water logging.

People may have to wade through the water to go from one place to another.

The roofs of houses start leaking.

Sometimes heavy rains cause floods.

Water Cycle

It rains because of a process called water cycle.

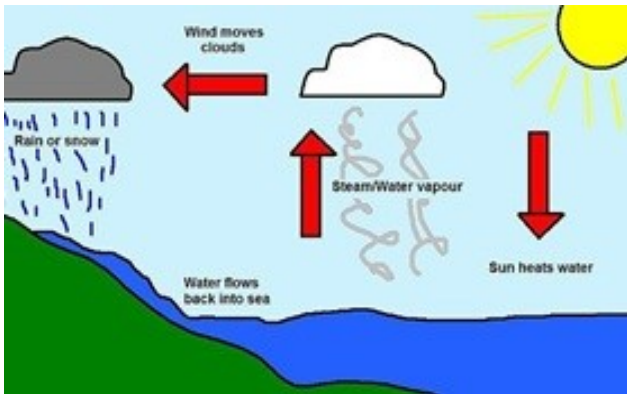
Water from the Earth's oceans is heated by the sun and changes into water vapour.

This is called evaporation.

Once water vapour is high up in the sky, it begins to cool and turns back into tiny drops of water. This is called condensation.

The water droplets form clouds which become heavy fall from the sky in the form of rain. This is called precipitation.

Sometimes water freezes above the clouds and forms hard ice-balls that fall down instead of rain. These are called hail or hailstones.



Notes to teachers: Teachers may begin the session by interacting with students about clouds and rain. The teacher may ask the following questions and summarize their answers and continue to explain further.

Where do we get rains from?
Where do the clouds in the sky get water from?

Image Source:

<https://pixabay.com/photos/wildlife-mammal-elephant-nature-3325274/>
<https://pixabay.com/photos/sparrow-bird-drink-water-ground-3699288/>
<https://pixabay.com/photos/duck-drink-water-drinking-plumage-4190569/>
<https://pixabay.com/photos/chihuahua-dog-chiwawa-tongue-drink-1351026/>
<https://pixabay.com/illustrations/painting-creativity-grassland-tree-4826077/>
<https://pixabay.com/illustrations/watering-can-flowers-flower-pots-902236/>
<https://pixabay.com/photos/sky-clouds-forms-blue-climate-5274530/>
<https://pixabay.com/photos/cloud-sky-nature-landscape-weather-4323347/>
<https://pixabay.com/photos/lightning-storm-weather-sky-399853/>
<https://pixabay.com/photos/refreshing-hill-field-summer-earth-471950/>
<https://pixabay.com/photos/rainbow-arch-rainbow-colors-436183/>
<https://pixabay.com/vectors/smiley-emoticon-rain-umbrella-2371667/>
<https://pixabay.com/photos/vibrant-color-sunrise-orange-1617470/>
https://commons.wikimedia.org/wiki/File:Simple_Water_Cycle.JPG

Time to teach	Asset Type	Theme	SubTheme
10 Minutes	Main Script	Water	water cycle, water cycle

4. IA_Beauty of the Rainbow



- The rainbow is a coloured arc in the sky made up of SEVEN colours.



- Rainbows are formed when light shines through water, like when the sun shines through the rain.



- This light is bent and reflected, like a reflection in a mirror and this causes all the amazing colours that you see.

Rainbows appear in the part of the sky opposite to the sun, usually in the early morning or late afternoon.



- There is no end to a rainbow. It is actually round like a circle.

We only see some part of the circle because we usually view the rainbow from the ground.



Notes to teachers:

The teacher could narrate the story given in this link

<https://tandonindia.com/sun/stories/the-miracle-in-the-sky/>

Image Source:

<https://pixabay.com/illustrations/rainbow-colorful-prism-chromatic-2278774/>

<https://pixabay.com/vectors/cloud-rain-rainy-sun-weather-159394/>

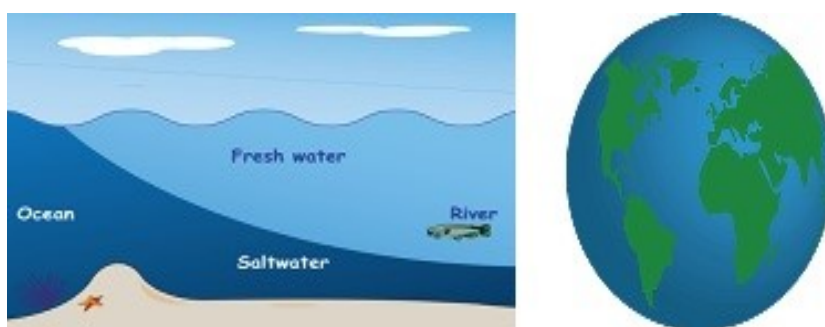
<https://pixabay.com/illustrations/sun-cloud-rain-rainbow-rainy-sky-5632866/>

<https://pixabay.com/photos/rainbow-water-river-trees-sunset-5372892/>

<https://pixabay.com/photos/path-rainbow-road-sky-landscape-845495/>

<https://pixabay.com/en/rainbow-full-rainbow-nature-1390863/>

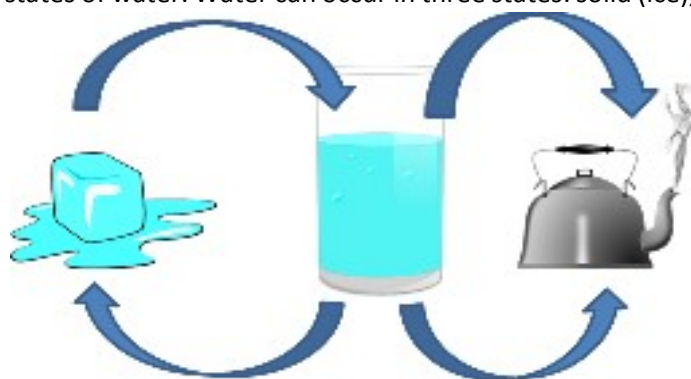
Time to teach	Asset Type	Theme	SubTheme
3 Minutes	Interesting Asides	Water	Rainbow, Rainbow

5. DD_Water and states of water

70% of the Earth is covered with water in the form of oceans, lakes, streams, and rivers.

There are two types of water: saltwater and freshwater. Salt water contains salt. Most of the water on the Earth is salty water. Only 1% of the water on the Earth is freshwater or available for drinking. Pure water is tasteless, odourless, and colourless.

There are three Forms or states of water. Water can occur in three states: solid (ice), liquid (water), or gas (water-vapour).



Ice (Frozen Water) - Ice is the solid form of water. It is frozen water. Ice cubes or crushed ice can be used to cool drinks. Ice packs are used to reduce swelling caused due to injuries.

Water (Liquid water) - This is the form of water with which we are most familiar. We use liquid water for drinking, cooking, washing and irrigation etc.

Water Vapour (Evaporated water)- Water vapour is always present in the air around us. But we cannot see it. When you boil water, the water changes from a liquid to a gas or water vapour. This is also called steam. It is also used in steam engines.

Image source:

SSSVV- Gallery

<https://pixabay.com/vectors/melt-ice-cube-ice-melting-blue-25202/>

<https://pixabay.com/vectors/glass-water-cup-empty-drink-303285/>

<https://pixabay.com/vectors/beverage-container-kitchen-teapot-1300298/>

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

6. DD_Conservation of Water

Rainwater is an important source for filling up the lakes, ponds, rivers, and tanks.

Rains bring fresh water to the Earth. We also depend on fresh water in our daily lives for our basic needs.

Rains are a very important source of water for irrigation. The farmers depend on rains for growing their crops.

If there is no rainfall or it is insufficient, there is a scarcity of water. So we must not waste water but try to save or conserve it.

We can start conserving water at our homes by following some basic rules such as:

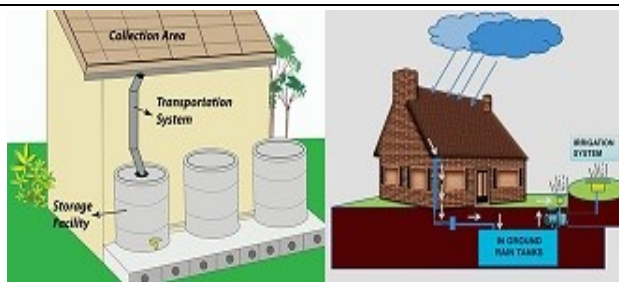
- ❖ don't use running water for brushing, washing clothes, vehicles, and watering plants
- ❖ regularly check taps and water pipes for leakage



- ❖ 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



- ❖ we can make a small rainwater harvesting unit at home



- ❖ planting and growing more trees increase rainfall.
- ❖ we can throw the seeds of fruits and vegetables in the barren lands to increase vegetation and if possible, take care of them



Notes to teachers: The teacher may discuss the importance of rains and water conservation

Image source:

<https://pixabay.com/photos/plumbing-pipe-wrench-plumber-840835/> Bucket: OC
<https://www.publicdomainpictures.net/en/view-image.php?image=288985&picture=water-tank>
<https://pixabay.com/photos/fountain-wooden-barrels-garden-1411936/>
<https://pixabay.com/photos/bucket-water-green-lawn-garden-3395702>

SSSVV- Gallery

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

7. SA_Paper Boat

Aim: The students will be able to make a paper boat

Materials Required: Origami Paper or paper from old magazines

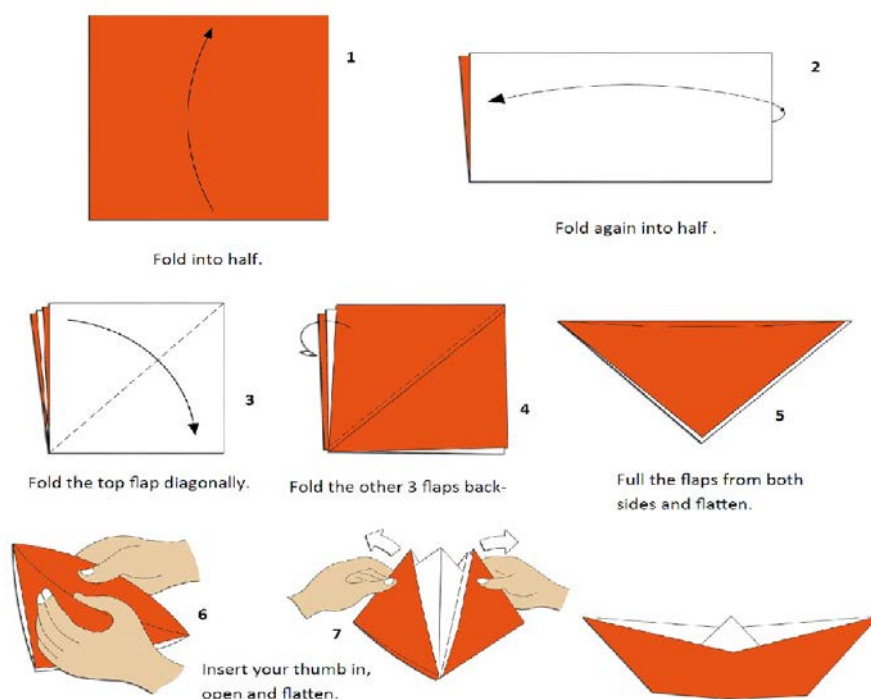


Setting for the activity: Indoor

Type of activity: Individual

Procedure 1:

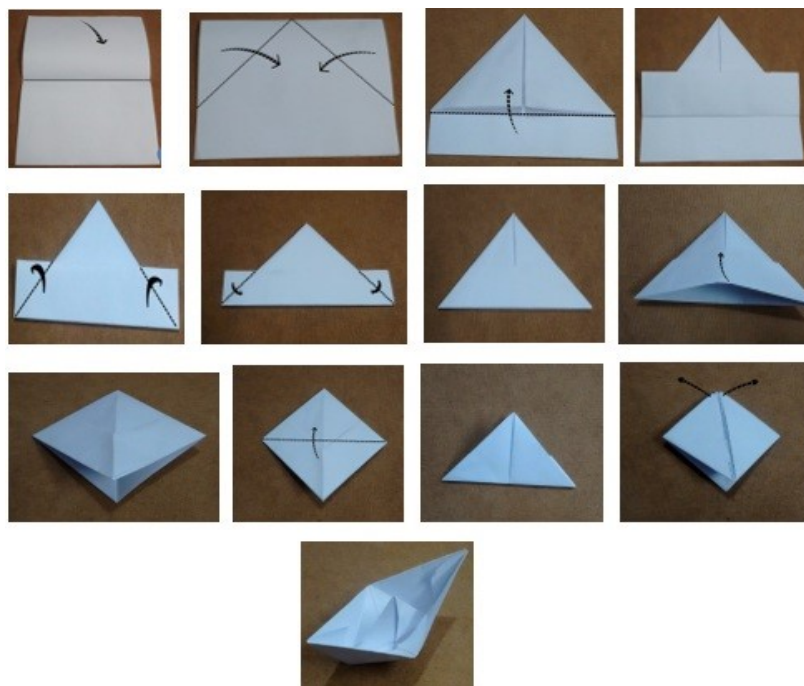
1. Take an origami paper or a square paper. Fold it into two.
2. Fold this again into half.
3. Fold the top flap diagonally.
4. Fold the other three flaps back.
5. Pull the flaps from both sides and flatten.
6. Insert your thumb in, open and flatten.
7. Paper boat is ready!



Procedure 2:

1. Take a paper and fold the paper in half.
2. Make folds from each corner so they meet in the middle.
3. Create a fold in the open lip.
4. Repeat the same fold on the other side.

5. Fold the corners of the lip inwards.
6. Repeat to the other lip to form a triangular-shaped paper.
7. Gently separate the lower part of the triangle.
8. Fold the lowest corner to the horizontal mid-line.
9. Separate the lower lips gently and bring the corners to the middle.
10. Open the upper part of the corners to make the boat.
11. Gently expand the boat's sides to make it stand upright.



Notes to teachers: Teacher will have to ensure that students have the origami paper, or they can use any old magazine paper or newspaper. If a child is using paper from old magazines, then the paper must be square in shape to get a proper boat.

Image source:

<https://pixabay.com/photos/craft-project-paper-card-scissors-737739/>

All paper boats images- sridhya.sssvv@gmail.com

Time to teach	Asset Type	Theme	SubTheme
15 Minutes	Suggested Activity	Water	

8. VC_Every Drop Counts



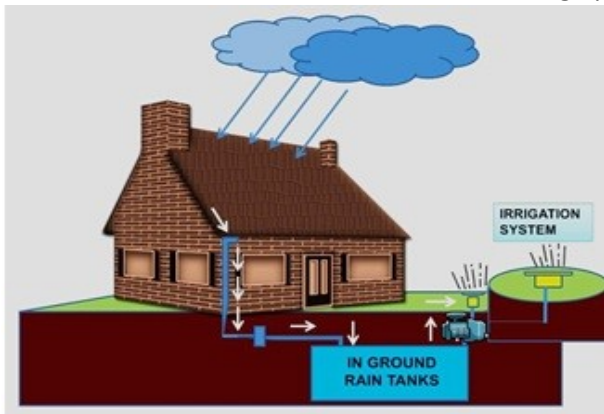
Do you know children that rainwater should not be allowed to go waste? If we save the precious rain water by collecting and storing it when it rains, we can use it during the dry summer months.

During ancient times, kings, and nobles-built step wells, havelis, Eris or tanks and khadins in different parts of our country to catch and store rainwater.



Now a days we can save or collect rainwater from the roof tops in our houses, apartments, and schools by a simple process called rainwater harvesting.

It is a simple method where in the rainwater from the roof is collected through pipes and stored in tanks.



The rainwater from the open places like courtyard is directed to a deep hole in the ground called a "Rainwater harvesting well". In this way, it replenishes the underground water too. alternately the pipes can be directed to an underground tank built specially to store water called a "Rainwater tank".

Image source:
<https://pixabay.com/vectors/raincloud-storm-weather-symbol-47580/>
<https://pixabay.com/photos/step-well-unesco-heritage-site-hampi-286572/>
<https://pixabay.com/photos/season-pour-water-transplanted-rice-3490073/>
SSSVV—Gallery

Time to teach	Value Type	Value Sub Type	Value Attribute
3 Minutes	Right Action		Group Activities

9. QA_It's Raining-A Recap

I) Fill in the blanks:

- a. _____ is needed by animals for drinking.
- b. Plants _____ if they do not get water.
- c. Plants and animals in the forest get water from _____.
- d. _____ bring rain for us.
- e. Clouds are of different _____ and _____.
- f. The clouds can be seen to _____ and _____ from the sky.
- g. The colourful arc in the sky is called a _____.
- h. Along with the rains we can also see _____ in the sky.
- i. We also hear _____ sometimes during rains.
- j. The clouds also pelt or throw _____ on the ground.
- k. We enjoy the _____ after the hot summer season.
- l. Children enjoy making _____ during the rainy season.

Answers: a. Water b. droop c. rains d. Clouds e. shapes and sizes f. appear and disappear g. rainbow
h. lightning i. thunder j. hail k. rains l. paper boats

II) Answer the following questions in a sentence or two:

- a. Can you think of a few colours of the clouds?

The colours of the clouds are white, black, grey and orange or red.

- b. Name a few shapes that the clouds take or appear to us?

The cloud appears in the shape of dogs, elephants, horses, fawns or a pair of swans etc. c. What is a rainbow?

A colourful arc containing seven colours that appears in the sky after the rains.

- d. Can you see the clouds daily?

Yes, sometimes the clouds appear in the sky and stay for weeks. Sometimes they disappear very soon. e. What is hail or hailstones?

Sometimes water freezes into ice above the clouds and falls down in the form of ice balls instead of water droplets. This is called hail. These balls are hard so they are called hail-stones.

- f. What will happen if it does not rain for a long time?

There will be a scarcity of water for our daily needs. The plants will start drooping. The animals may die without drinking water. The rivers and lakes will dry up.

Time to teach	Asset Type	Theme	SubTheme
10 Minutes	Assessments	Water	States of Water, States of W

10. MS _Summary_ It's Raining

In this lesson we discussed the following:

- ❖ about rain, clouds
- ❖ sources and uses of water
- ❖ conservation of water
- ❖ rainwater harvesting
- ❖ rainbow

Time to teach	Asset Type	Theme	SubTheme
2 Minutes	Main Script	Water	water cycle, water cycle