

Alternate Academic Calendar - 2021-2022.

Class:4

Subject: Environmental studies

Month: October.

Sl n o	Month/week	Main learning abilities	Learning activities	Evaluation
01	October first week.	Drops coming together... Explains water cycle.	<ul style="list-style-type: none">• Let us inspire them to sing a song about the explanation on water cycle given in activity sheet-01.• Let us guide them to use the video link to learn about the water cycle with the help of the picture scenario/situation given below, https://www.youtube.com/watch?v=2cdEISC0VDA.	<ul style="list-style-type: none">• Guide the child to create a short song on rainfall scenario situation.• Instruct them to fill in the blanks with the appropriate words as per the information given below, Water in the water bodies, soil, plant and



animals get _____ due to the heat of the _____ The evaporated form of water enters the _____ and rises up. It gets condensed by cool air turns into _____ of water. The droplets of water forms _____ when clouds become _____ due to cool air. Small droplets of water together become large _____ droplets. and come down to the _____ in the form of _____ This is called Water cycle.

- Making them do

	<p>October second week.</p>	<p>They classify the water sources which are suitable for drinking purposes. They will know about the informal measure of water used on daily basis.</p>	<ul style="list-style-type: none"> • Let us Guide them for doing activity sheet 02 about the uses of water in different purposes. • Let us help them to collect information and write up activity sheet-03 regarding the amount of water used for different purposes. • Let us help them to fill up activity sheet -04 regarding water sources used for drinking. • Let's get the help from e-samveda video lesson. https://www.youtube.com/watch?v=1sPb4z4WYt4. • Let us guide them to use activity sheet-05 to list out the situations where water gets wasted. 	<p>the activity from practice sheet-01.</p> <ul style="list-style-type: none"> • For what purposes water is used. • Let us ask the children to list out the drinking water sources. • Let us ask them to make a list about, How to avoid wastage of water? • Making them doing the
--	-----------------------------	--	--	--

	<p>October third week.</p>	<p>List out the problems caused by water shortage and wastage. They understand the importance of water recycling and rainwater harvesting.</p> <p>Water pollution.</p> <p>They understand the reasons for water pollution and disadvantages caused by it.</p>	<ul style="list-style-type: none"> • Let us use activity sheet-06 to let them know about situations where water is reused. • Let us help them to identify the water suitable for drinking as per activity sheet-07. • Let us ask them to list out the reasons for contamination of water sources. • Let us guide them after discussing about the disadvantages caused by contamination of water sources. • Let us help them to list out about the water borne diseases. • Let us help them with the help of this video to know how dehydration occurs and steps to be followed in such situations. <p>https://www.youtube.com/watch?v=-Cu8QpMPga0</p>	<p>activity from practice sheet-02</p> <ul style="list-style-type: none"> • Ask them to list out the uses of rainwater harvesting • Make them to perform the activities as in practice sheet-03.
--	-----------------------------------	--	---	---

They list out the water borne diseases and after finding out the reasons for dehydration they understand the process of preparing the rehydration solution.

- Collecting information from children on how to control water pollution.**
- Make them to perform activities as in practice sheet -04.**
- Make them list out the**

				benefits of consuming ORS.
--	--	--	--	---

ALTERNATE ACADEMIC CALENDER FOR THE MONTH OF OCTOBER-2021

CLASS: 4

Subject: Environmental science

Practice sheet-01

Fill in the blanks with suitable words given below:-

1. _____ part of Earth is filled with water.
2. Due to the heat of the _____ water gets evaporated.
3. Water vapor raises towards _____.
4. Cool air joins water vapor turns into _____.
5. Small droplets of water together forms _____.
6. _____ floats in clouds.
7. Rain droplets come down to Earth in the form of _____.
8. Rainwater flows and joins to form _____

(Vapor, three, ditch, sun, rain, cloud, droplets, cloudy)

ALTERNATE ACADEMIC CALENDER FOR THE MONTH OF OCTOBER-2021

Class:4

Subject: Environmental science

Practice sheet-02.

Observe the following pictures given below what is happening

here? Write in the space given below.

ಸೇವೆ ಸ್ವೀಕರಿಸಿ,
ನಮ್ಮನ್ನು ಎಲ್ಲೆಡೆ
ಸುರಕ್ಷಿಸಿ ಮತ್ತು
ಸುರಕ್ಷಿಸಿ.

ALTERNATE ACADEMIC CALENDER FOR THE MONTH OF OCTOBER-2021

Class:4

Subject: Environmental science

Practice sheet-03

Fill in the blanks with the suitable word given below:-

1. _____ water is suitable for drinking.
2. If we drink contaminated water _____ Spreads.
3. Cholera disease is spread by drinking _____
4. We should not _____ drinking water source.
5. water is a _____ wealth.

(Contaminate, precious, pure, diseases, contaminated)

Differentiate with the help of the pictures given below:



Ans: _____

ALTERNATE ACADEMIC CALENDER FOR THE MONTH OF OCTOBER-2021

Class:4

Subject: Environmental science

Practice sheet-04.

Cholera

Malaria

Typhoid

Vomiting

cough

**Identify the diseases
That is transmitted by contaminated/
Polluted water.**

Diarrhoea

cold.

Throat ache

Stomach ache

Headache

ALTERNATE ACADEMIC CALENDER FOR THE MONTH OF OCTOBER-2021

Class:4

Subject: Environmental science

Activity sheet-01.

WATER CYCLE SONG

**Three parts of the Earth is full of water,
The water evaporates due to the heat of the Sun;
The water vapor travels towards the sky,
It gets cooled and changes into water drop lets;
The drop lets of water together forms clouds,
The clouds float so high in the sky;
The droplets of water in clouds is becoming heavier and bigger,
And fall in the form of rain,
The rainwater joins streams and ponds,
This water evaporates once again.**

ALTERNATE ACADEMIC CALENDER FOR THE MONTH OF OCTOBER-2021

Class:4

Subject: Environmental science

Activity sheet-02.

Look at the picture and write down for what purpose the water is used,



Answer:-

--	--	--

ALTERNATE ACADEMIC CALENDER FOR THE MONTH OF OCTOBER-2021

Class:4

Subject: Environmental science

Activity sheet-03.

List out the amount of water used by you as given in the sample example.

Water used for different purposes	Water used by me (Quantity)
Washing face.	Two pots of water.

ALTERNATE ACADEMIC CALENDER FOR THE MONTH OF OCTOBER-2021

Class:4

Subject: Environmental science

Activity sheet-04.

Identify the source of water that is suitable for drinking or not:-

Water sources	The source of water used for drinking	Water sources used for other purposes.
River water		
Lake water.		
Well water.		
Borewell water.		
Sea water.		
Brook water.		
Tank water.		
Rain water.		

ALTERNATE ACADEMIC CALENDER FOR THE MONTH OF OCTOBER-2021

Class:4

Subject: Environmental science

Activity sheet-05.

Look at the pictures given below and list out other situations where water is wasted,



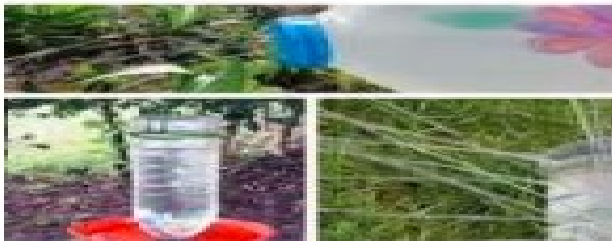
ALTERNATE ACADEMIC CALENDER FOR THE MONTH OF OCTOBER-2021

Class:4

Subject: Environmental science

Activity sheet-06.

Know about water recycling situations,



Rainwater is collected and used.

Water collected from the pits is being used for crops.

Rainwater is being collected and used in pots.



Stored water is being used for domestic purposes.



Stored water is purified and used for drinking purposes.

ALTERNATE ACADEMIC CALENDER FOR THE MONTH OF OCTOBER-2021

Class:4

Subject: Environmental science

Activity sheet-07.



- **Identify the water suitable for drinking in polluted conditions.**

Ans: _____

- **Ask them where the water used for drinking at home comes from?**

Ans: _____

- **List down the sources of water in your village. If the water is contaminated , state the reasons. Discuss and list out the reasons for the same.**

Ans: _____

Water source	Contaminated / not contaminated	Reasons for contamination

