

LAKSHMIPAT SINGHANIA ACADEMY

OPEN BOOK PROJECT

SESSION: 2022 – 2023

TERM: 1

CLASS - III

THEME: RIVERS OF INDIA –

PRESERVATION AND SUSTAINABILITY

- ✚ Read the project instructions given by each subject teacher carefully.
- ✚ All projects should be **handwritten** (except CE).
- ✚ All projects to be done **individually** by each student.
- ✚ Hard copies of projects (except CE) to be submitted to the respective subject teachers in school by **20th June, 2022**.
- ✚ CE project to be submitted as instructed by the subject teacher.
- ✚ Have an enjoyable time compiling your project work!

SUBJECT – ENGLISH

CLASS – III

FULL MARKS - 20

-
- Read the instructions carefully and watch the videos using the links provided.
 - Refer to the internet to gather information but you must write the matter in your own words.
 - You may either draw and colour or stick relevant pictures downloaded from the internet.
-

THEME: RIVERS OF INDIA- PRESERVATION AND SUSTAINABILITY

LEARNING OBJECTIVES

After the completion of the project students will be able to -

- know what is meant by wall magazine
 - design a badge and know about the importance of protecting and preserving rivers
 - develop competence and confidence to write independently
 - express themselves in grammatically correct sentences
-



Water is necessary for humans, but from where do we get water? We get most of our water from the rivers. A river is a large natural stream of water that flows over land. Even though rivers hold only a tiny fraction of Earth's total water, they have always been essential to human civilization.

The rivers of India play a vital role in the lives of the Indian people. The river systems provide irrigation, potable water, cheap transportation, electricity, as well as provide livelihoods for a large number of people all over the country.

WHAT YOU NEED TO DO: Write an article for the school wall magazine and design a badge.

1. Writing an article for the school wall magazine –

A wall magazine is a periodical run on a notice board where the students can post their articles, poems, drawings and other such compositions to share with each other. It is a platform for the students to showcase their creativity and at the same time learn.

Name: _____ Sec: _____ Roll no: _____ III/Unit Test 1/English/2022-23

Now, imagine your school had taken your class for a trip to the Hooghly River and you have been asked to write an article for the school wall magazine.

Your wall magazine must include the following:

- Suitable title/heading of your choice.
- How and when did you reach the place?
- What did you observe there? (Description of the river and the place around it that will help the reader transport to the place for example people in boats, ships carrying loads, people bathing etc.,)
- Reflect and write about your experience of visiting the river.
- What is something that you wish to do the next time you visit Hooghly River?
- A message for other students about the importance of preserving rivers.

*Your article should be written in a paragraph and in 10-12 sentences.

*Use Fabriano sheets to write the paragraph. If you use more than one sheet then staple them together. You may use either white or light-coloured sheets.

*Support your wall magazine with suitable pictures/illustrations (at least 3).

2. Designing a badge –

Imagine that you had to design a badge for yourself before going to the Hooghly River with your classmates. Now, design a badge that will help create awareness about river preservation and protection.

SAMPLE – (You may take hints from the pictures given below.)



Sample of an article for wall magazine



Sample of a badge

MARKS DISTRIBUTION:

Wall Magazine –

- Suitable title/heading of your choice – 2 marks
- Content – 10 marks
- Illustration/Pictures – 3 marks

Badge – 5 marks

LEARNING OUTCOME

At the end of the project, students should be able to write an article for the school wall magazine about their trip to the Hooghly River as well as design a badge that will help create awareness about river preservation and protection.

Before you start working on your project you may use the following links to take a virtual tour of the Hooghly River.

<https://www.youtube.com/watch?v=RXYMj5weS4E>

<https://www.youtube.com/watch?v=fYyMwNR3ePo>

Class-III
Subject-Hindi 2nd Language

F.M. 20

TOPIC: भारत की नदियों का संरक्षण

उद्देश्य (LEARNING OBJECTIVES)

इस परियोजना कार्य के माध्यम से विद्यार्थी निम्न बातों को सीखने में सक्षम होंगे :

- कल्पनाशीलता का विकास
- रचनात्मकता का विकास
- भाषा शैली का विकास
- व्यावहारिक ज्ञान का विकास
- भाषिक क्षमता और वैचारिक क्षमता का विकास
- नदियों के महत्त्व से परिचय
- प्रदूषण के संकट और समाधान के प्रति जागरूकता



नदियों का सदियों से ही मानव समाज के साथ गहरा संबंध रहा है। पहले जिस नदी के पानी को हम अमृत मानते थे, आज वह हमारे लिए विष समान बन गया है। उसे पीकर हम बीमार हो रहे हैं। अतः हमें इसके प्रदूषण को रोकने का प्रयास करना चाहिए और नदियों के पानी को स्वच्छ बनाने के उपाय भी करने चाहिए।



परियोजना कार्य से संबंधित सामान्य निर्देश -(एकल कार्य)

✚ परियोजना के लिए आवश्यकतानुसार A4 साइज़ पन्नों का इस्तेमाल करें।

✚ सहायता हेतु निम्नलिखित लिंक्स को देख सकते हैं-

<https://www.vokal.in/question/UK8L-nadiyon-ke-pradushan-ko-rokne-ke-kya-upay-hain>

1. पोस्टर निर्माण - नदियों के प्रदूषण से संबंधित एक पोस्टर का निर्माण करें। इस पोस्टर निर्माण में निम्नलिखित बिंदुओं का समावेश अवश्य होना चाहिए।

क) पोस्टर को उचित शीर्षक अथवा नाम दें। (1)

ख) प्रदूषण न फैलाने के विचार से संबंधित दो स्लोगन लिखें। (4)

ग) रंगीन व आकर्षक चित्र बनाएँ या चिपकाएँ। (2)

घ) नदियों को प्रदूषण मुक्त करने के लिए और अपने आसपास के लोगों में जागरूकता फैलाने के लिए आवश्यक निर्देशों को चार से पाँच वाक्यों में पोस्टर में लिखें। (3)

च) एक ऐसे व्यक्ति का चित्र लगाकर उनका नाम लिखें, जिन्होंने नदियों को बचाने के लिए विशेष योगदान दिया है। (2)

छ) भाषा शैली और प्रस्तुति (2)



2. दिए गए लिंक की सहायता से विद्यार्थी शब्द पहेली को हल करेंगे। 10X.5=5

विद्यार्थी दिए गए शब्द पहेली में घेरा बनाकर उत्तर चुनें और दिए गए रिक्त स्थान पर लिखें-

<https://roar.media/hindi/main/travel/top-11-famous-rivers-in-india>

<https://youtu.be/88FVT6Gn59A>

शब्द पहेली

स	र	दा	र	स	रो	व	र	बाँ	ध
न	व	फ	टी	ह	को	अ	मे	वा	तू
र्म	ब्र	ह	म	पु	त्र	हो	धा	ली	सी
दा	बू	गं	गा	रि	ह	हा	पा	फे	ज
सा	माँ	व्यू	मो	प्री	गु	गी	टे	दा	बे
ग	क्र	ती	न	जि	को	ला	क	गो	ह
र	कृ	स्	श	दी	सी	ओ	र	दा	म
बाँ	क्षी	क्षप्	की	ते	फे	ज	ह	व	हा
ध	को	रो	कि	कौ	य	मु	ना	री	न
द्	नों	हैं	में	में	स	को	इ	प	दी

- i. बिहार का शोक _____
- ii. उड़ीसा का शोक _____
- iii. दक्षिण भारत की गंगा _____
- iv. नर्मदा बचाओ आंदोलन की संस्थापिका _____
- v. भारत की सबसे लंबी सहायक नदी कौन-सी है? _____
- vi. गुजरात में नर्मदा नदी पर बना बाँध _____
- vii. मध्यप्रदेश में नर्मदा नदी पर बना बाँध _____
- viii. उत्तर भारत की सबसे प्रमुख नदी _____
- ix. असम का शोक _____
- x. त्रिवेणी संगम में कितनी नदियाँ मिलती हैं? _____



LEARNING OUTCOMES (अधिगम प्रतिफल)

इस परियोजना कार्य के माध्यम से विद्यार्थी नदियों के महत्त्व को जानने में सक्षम हुए। नदियों को प्रदूषण मुक्त करने के उपाय को जानने में सक्षम हुए। स्लोगन लेखन तथा पोस्टर निर्माण को सीखने में सक्षम हुए।



LAKSHMIPAT SINGAHNIA ACADEMY
OPEN BOOK PROJECT (UNIT TEST-I)
2022-23

Class-III
Subject- Bengali 2nd Language

F.M. 20

TOPIC- ভারতের নদী

উদ্দেশ্য (Objectives)

- ❖ কল্পনার বিকাশ
- ❖ সৃজনশীলতা বিকাশ
- ❖ ভাষাশৈলীর বিকাশ
- ❖ ব্যবহারিক জ্ঞানের বিকাশ
- ❖ ভারতের নদীর সাথে পরিচিতি

❖ ভাষাগত ক্ষমতা এবং ধারণাগত ক্ষমতার বিকাশ

১) ভারত নদীমাতৃক দেশ। আমরা জানি জল-ই জীবন। জল ছাড়া আমরা বাঁচতে পারবো না। তাই নদীকে মা বলে মনে করা হয়। মাকে রক্ষা করার জন্য আমরা কী কী উপায় গ্রহণ করতে পারি সে বিষয়ে একটি পোস্টার তৈরি করবে সঙ্গে দুটি স্লোগান লিখবে।

পোস্টার - ৫

স্লোগান - ২+২

উপস্থাপনা - ২

ভাষা - ২

২) নীচে দেওয়া লিঙ্ক থেকে ভিডিও দেখো এবং প্রদত্ত প্রশ্নগুলির উত্তর শব্দছক থেকে খুঁজে নিয়ে লেখো ও শব্দছকে চিহ্নিত করো:

(১ x ৭ = ৭)

<https://www.youtube.com/watch?v=kkLsP1uA8wA>

- ক) উত্তর ভারতের তিনটি নদনদী ও একটি শাখা নদী
খ) দক্ষিণ ভারতের তিনটি নদনদী

ব্র	প্রো	শ্রী	ক	ফ্র	সি
নি	ক্র	ল্ল	কা	চ	ক্ল
কৃ	ঞ্চ	পু	ল	বে	জ
ষ্ণা	ল	প্র	ত্র	পা	বী
ত	গো	দা	ব	বী	গা
ত্র	দা	হ	চ	ব	ব্র
প	ল্লি	রি	ত্ব	ষ্ণা	শ
শা	দ্বা	ল	ক্র	গ	দ্বা

LEARNING OUTCOME:

প্রজেক্টের শেষে শিক্ষার্থীরা ভারতীয় নদনদী সম্পর্কে অবহিত হবে। এর সাথে সাথে ভারতের নদনদীকে কীভাবে সুরক্ষিত রাখা যায় সে বিষয়ে মানুষকে সচেতন করতে সক্ষম হবে। এই বিষয়ে পোস্টার তৈরি করে বিশ্বের দরবারে পোঁছে দিতে পারবে।

MATHEMATICS**CLASS – III****F.M. 20**

Make a cover page of your project mentioning the subject, topic and your name and class.

RIVERS OF INDIA-PRESERVATION AND SUSTAINABILITY

Through this project, students will be able to:

- know the length of the major rivers in India,
- revise the concept of large numbers and Roman Numerals
- apply their creativity and imagination to complete their art work
- develop critical, logical thinking and problem-solving skills.

A river is a natural flowing watercourse, usually freshwater, flowing towards an ocean, sea, lake or another river. In some cases, a river flows into the ground and becomes dry at the end of its course without reaching another body of water.

World river day is celebrated on 4th Sunday of September every year to create awareness among the people.

1) The seven major rivers of India and their length are:

(1 x 6 = 6)

S.No.	River	Length in kilometer (km)
1.	Ganga	2525
2.	Indus	3180
3.	Brahmaputra	2900
4.	Mahanadi	858
5.	Godavari	1465
6.	Krishna	1400
7.	Cauvery	765

Read the questions carefully and answer using the information given above.

(a) Write the names of the rivers whose length is in three digits.

Ans. _____

(b) (i) Arrange the **length of the rivers** in **descending order** and

(ii) Name the river that is in the **first position**.

Ans. (i) Descending order–

(ii) The river that is in the first position- _____

(c) Write the number name of the length of the river Brahmaputra.

Ans. _____

(d) Name the river whose length has 4 digits and the digits are repeated twice.

Ans. _____

(e) Find the difference between the lengths of the rivers Cauvery and Mahanadi.
Show the working.

Ans. _____

(f) Write the expanded form of the length of the river Indus.

Ans. _____

2) Complete the Slogan by solving the sums on mental ability and decoding it.

(0.5 x 14 = 7)

Keep the rivers $\frac{_}{2} \frac{_}{1} \frac{_}{7} \frac{_}{6} \frac{_}{3}$ and earth $\frac{_}{7} \frac{_}{8} \frac{_}{7} \frac{_}{9} \frac{_}{4} \frac{_}{9} \frac{_}{7} \frac{_}{7} \frac{_}{3}$

Q.No.	(b)	(n)	(a)	(h)	(k)	(g)	(d)	(e)	(c)	(m)	(l)	(j)	(f)	(i)
Code	A	N	E	R	E	L	E	V	N	E	C	R	E	G

(a) half of 14 = _____

(b) predecessor of 7 = _____

(c) one more than 2 = _____

(d) successor of 6 = _____

(e) take away 2 from a decade = _____

(f) number of days in a week = _____

(g) a pair – 1 = _____

(h) 99 – 90 = _____

(i) 2 sets of 1 + 2 = _____

(j) 1 x 9 = _____

(k) 4 ones + 3 ones = _____

(l) smallest single digit even number = _____

(m) 3 sets of 2 + 1 = _____

(n) a pair + 1 = _____

3) Do as directed.

(5 + 2 for neatness)

- (a) The trees in the picture are named using different numbers. Form a 5 digit even number using those numbers (without repeating the digits):

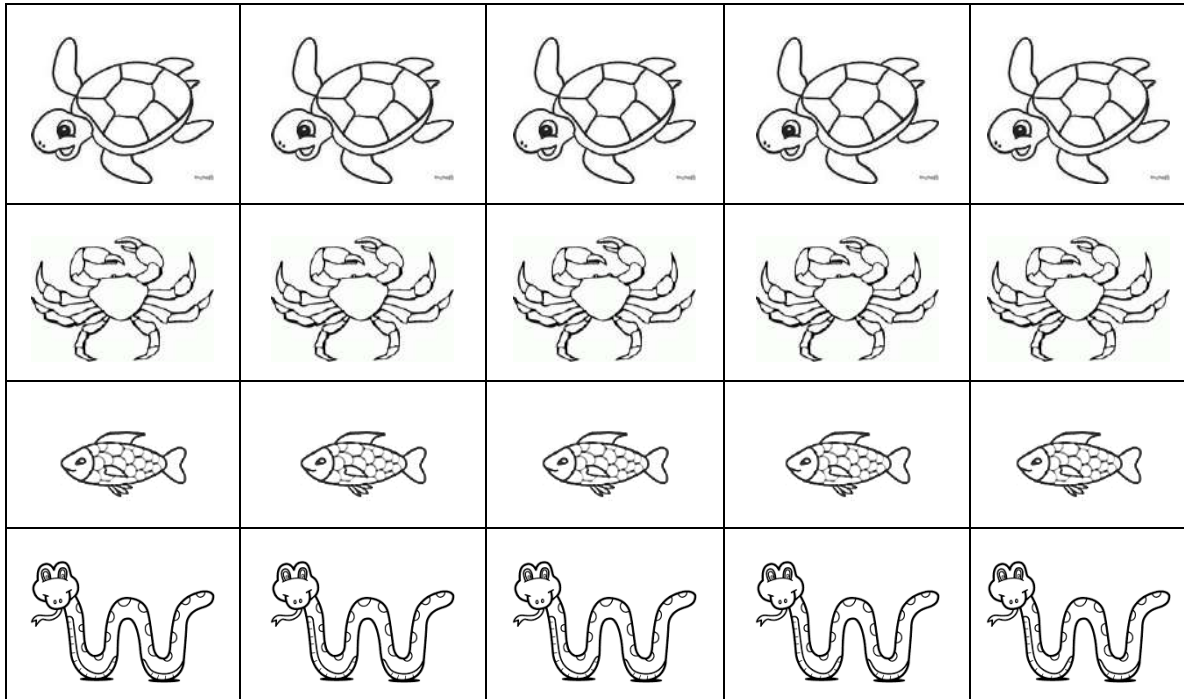
Ans. _____



- (b) Find the number of animals in the river by solving the sums given. Write the answer in Hindu-Arabic Numerals in the space provided. **One has been done for you.**

- (i) Number of alligators = II - I = 1
(ii) Number of turtles = I + II = _____
(iii) Number of crabs = VII - V = _____
(iv) Number of snakes = V - IV = _____
(v) Number of fish = I + III = _____

(c) Cut and paste the pictures of animals given below accordingly to complete the scenery and colour the picture.



Learning outcome:

At the end of the project, students should be able to solve sums on Mental Arithmetic as well as revise the concepts of three to five digit numbers and Roman Numerals while learning about the Rivers of India.

LAKSHMIPAT SINGHANIA ACADEMY

OPEN BOOK PROJECT

2022-2023

CLASS: III

FULL MARKS: 20

SUBJECT: EVS

THEME: RIVERS OF INDIA – PRESERVATION AND SUSTAINABILITY

LEARNING OBJECTIVES:

After completing the project, the students will be able to –

- Learn about the importance of rivers
- Learn about the different ways in which rivers are polluted
- Research and gain knowledge about the preservation and sustainability of rivers
- Prepare a dossier on the preservation and sustainability of rivers
- Make a model of a freshwater aquarium



Life is not possible on Earth without water. The rivers are the backbone of human civilization as they provide fresh water, which is the basic necessity for human life. All the civilizations, both past and present, were born near the bank of rivers. They act as the vein of the Earth through which life flows.

Although the Earth's surface is two-thirds water, less than three percent is fresh. Freshwater is vital for life, supporting ecosystems and human civilizations. Freshwater is found in lakes, ponds, rivers, streams, springs and wetlands.

How are rivers useful?

Rivers make life both habitable and beautiful. We use rivers for -

- Water required for irrigation in agriculture
- Drinking water
- Transportation
- Producing electricity through hydroelectric dams
- Leisure activities like swimming and boating



Some important rivers of India

Rivers in India can be classified as Himalayan Rivers and Peninsular Rivers.



- The major Himalayan Rivers are the Indus, Ganga, Yamuna and the Brahmaputra.
 - The major Peninsular Rivers are Mahanadi, Godavari, Krishna and Kaveri.
- Ganga is the most sacred river to Hindus and is worshipped as goddess Ganga. Ironically, it is one of the highest polluted rivers too. It is the third largest river in the world.

River pollution

It is our duty to keep the rivers free from pollution. However, due to rapid urbanization and industrialization, rivers are being highly polluted and are becoming a vast dumping reservoir. Our rivers are drowning in chemicals, waste, plastic, and other pollutants which has become a threat to the very existence of life on Earth.



Preservation and sustainability of rivers



Rivers play a vital role in sustaining life on this planet. But off late it has been seen that our rivers are covered with so much filth that they cannot be considered as a source of fresh water anymore. Faced with the growing effects of climate change, global overheating and all resulting changes, it is crucial to preserve free-flowing rivers. Healthy rivers not only serve as a source of drinking water but also affect the entire living world that surrounds them.

LINKS:

- <https://kids.britannica.com/kids/article/river/346203>
- <https://kids.kiddle.co/River>
- <https://parenting.firstcry.com/articles/water-pollution-information-and-facts-for-kids/>
- <https://kids.britannica.com/students/article/water-pollution/598794>
- <https://www.timesnownews.com/mirror-now/in-focus/article/five-ways-we-can-help-control-pollution-in-lakes-and-rivers/699436>
- <https://www.mapsofindia.com/maps/rivers/ganges.html>
- <https://visualdictionary.org/freshwater-animals/>

VIDEO LINKS:

- <https://www.youtube.com/watch?v=LCAK9N6FNps>
- <https://www.youtube.com/watch?v=vU-Jtr0SCds>

WHAT YOU NEED TO DO:

Imagine that you are participating in a campaign organized for cleaning the rivers of India.

- Read the above passage and use the given links to do a research work on the preservation and sustainability of rivers.
- Based on your research work prepare a dossier on the preservation and sustainability of the rivers of India. Use A4 size sheets (light coloured or white).
- Your dossier will contain the following:
 - A cover page with a suitable title (stick or draw relevant pictures) **(2)**
 - Give a suitable introduction within 2 lines. **(1)**
 - On a political map of India draw a line with blue colour pencil to show the course of river Ganga as it passes through the different states of India. Also name the states through which the river passes. **(3)**
 - Write 3 ways in which rivers are beneficial. (stick or draw relevant pictures) **(3)**
 - Write 3 causes of river pollution. (stick or draw relevant pictures) **(3)**
 - Write 3 ways in which we can reduce river pollution. **(3)**
- Use an old shoe box to make a model of a freshwater aquarium. Show at least three different kinds of creatures found in freshwater and label them. Use the given links and watch the videos to understand how to make the model. **(3)**

DID YOU KNOW?

Science City in Kolkata is well known for its Aquarium which holds close to 1000 fish from lakes and rivers across the globe. If you get a chance to visit this famous Aquarium don't forget to click a photograph and attach it with your project. (Optional)

CREATIVITY, OVERALL PRESENTATION AND RESEARCH – 2 marks

LEARNING OUTCOME:

At the end of the project, the students should be able to prepare a dossier on the preservation and sustainability of rivers as well as make a model of a freshwater aquarium showing the different kinds of creatures found in freshwater.

LakshmiPat Singhania Academy
Open Book Project – Term 1
2022-23
Subject: Computer Education

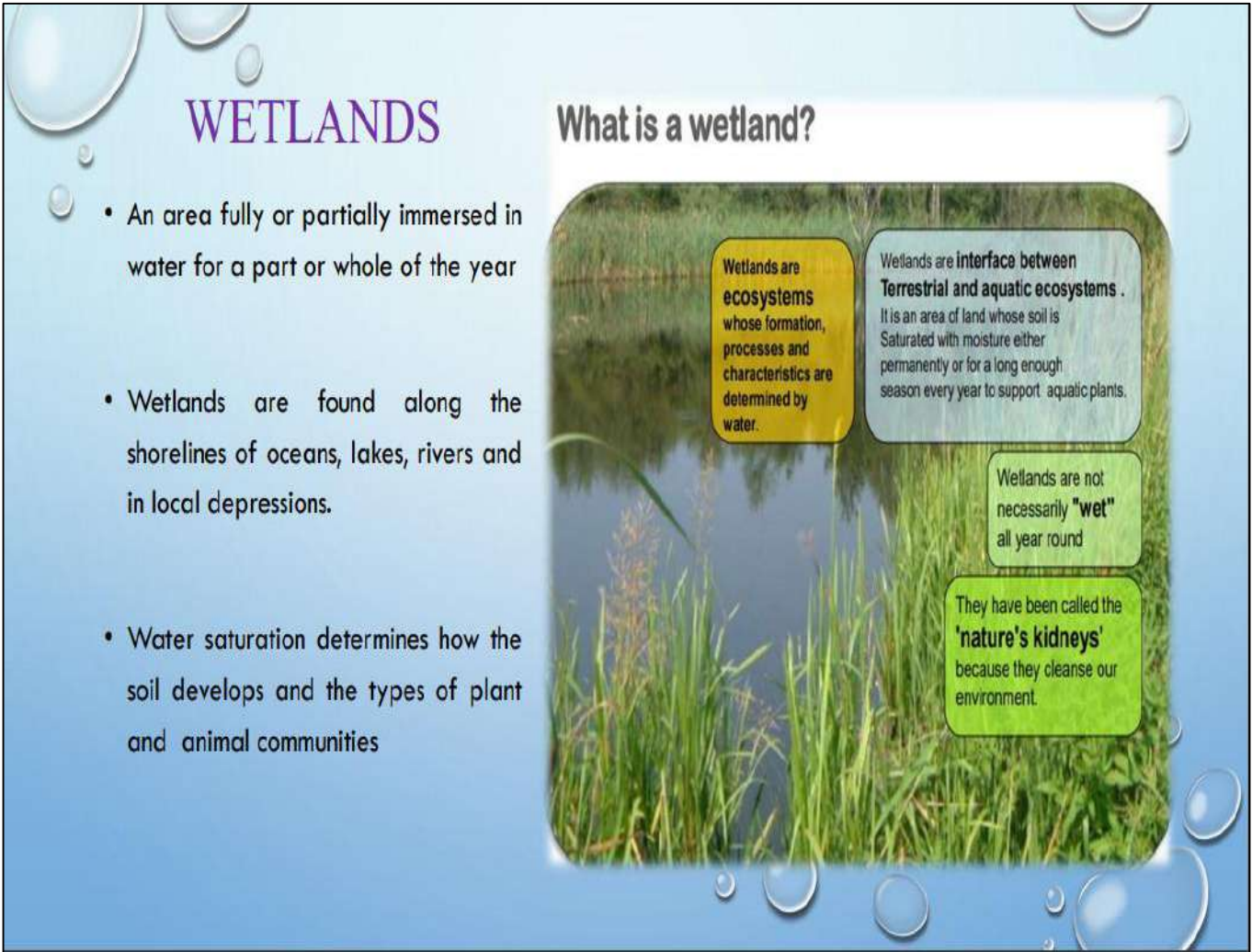
Class: III

Full Marks: 10

Topic: Preserving the Wetlands – Nature's kidney

Learning Objective:

- To make students aware about the importance of wetlands
- To make students understand about the different ways to preserving the same.
- To develop their logical and technical skill through the jigsaw puzzle.



WETLANDS

- An area fully or partially immersed in water for a part or whole of the year
- Wetlands are found along the shorelines of oceans, lakes, rivers and in local depressions.
- Water saturation determines how the soil develops and the types of plant and animal communities

What is a wetland?

Wetlands are **ecosystems** whose formation, processes and characteristics are determined by water.

Wetlands are **interface between Terrestrial and aquatic ecosystems**. It is an area of land whose soil is saturated with moisture either permanently or for a long enough season every year to support aquatic plants.

Wetlands are not necessarily **"wet"** all year round

They have been called the **'nature's kidneys'** because they cleanse our environment.

Facts About Wetlands

Wetlands cover 7% of the earth's land surface and deliver 45% of the world's natural productivity (Source: www.MAweb.org).

Wetlands are typically low-lying areas

They can be natural or man-made

They can be coastal or inland

Floodplains, swamps, marshes, mangroves, deltas and lakes are some types of wetlands.

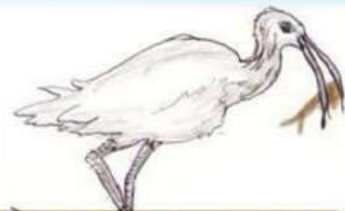
A paddy farm is also a wetland

Wetlands can contain fresh water, salt water, or brackish (a combination of the two)

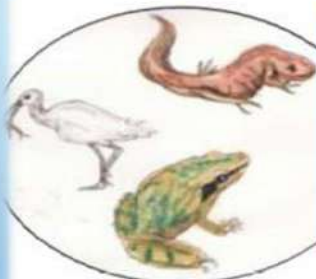


Importance of wetlands

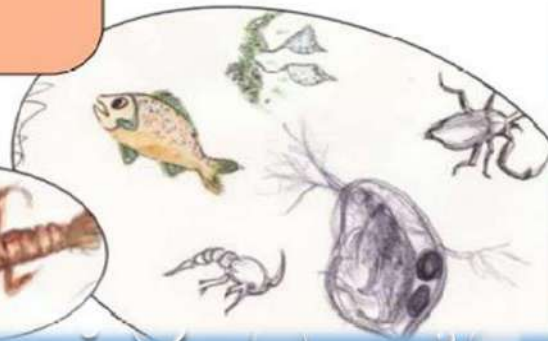
Wetlands are among the most productive ecosystems in the world, comparable to rain forests and coral reefs.



Many species of birds and mammals rely on wetlands for food, water, and shelter, especially during migration and breeding.



They provide rich habitat for an immense variety of species of **microbes, plants, insects, amphibians, reptiles, birds, fish, and mammals.**



Human Activities resulting in polluting the Wetland



What you have to do: (It is an individual project)

1) Click on the link below and arrange the jigsaw puzzle. After solving the puzzle, take a snap shot / print screen of the full window including the solved puzzle and then paste in a new MS Word document.

<https://im-a-puzzle.com/share/8698086bf843f07.jpg>

2) Open MS Paint and draw a poster to stop polluting the wetlands. Copy and paste the poster in the same MS Word document, where you have pasted the solved jigsaw puzzle.

3) Rename the MS Word document as **Name classec Project 1**

4) Upload the MS Word document in Teams.

Note: Late submission will result in deduction of marks.

Marking Scheme:-

Solving and pasting the completed Jigsaw puzzle	-	2
Art Integration with MS Paint	-	2
Creative Skill	-	4
Timely submission	-	2

Learning Outcome:

Students would be able to -

- Get acquainted with facts about Wetlands
- Use the different features of MS Paint to draw the poster.
- Apply their thinking skills to solve the puzzle

Resource:-

<https://www.google.com/url?sa=i&url=https%3A%2F%2Fsandrp.in%2F2022%2F01%2F19%2FIndias-wetlands-overview-2021-gross-misuse-of-even-ramsar-sites%2F&psig=AOvVaw2M--McGV94YZN0ewckxsfw>
<https://www.basu.org.in/wp-content/uploads/2020/10/wetlands.pdf>