



**IMPERIAL HERITAGE SCHOOL
SECTOR-102, GURUGRAM**



HOLIDAY

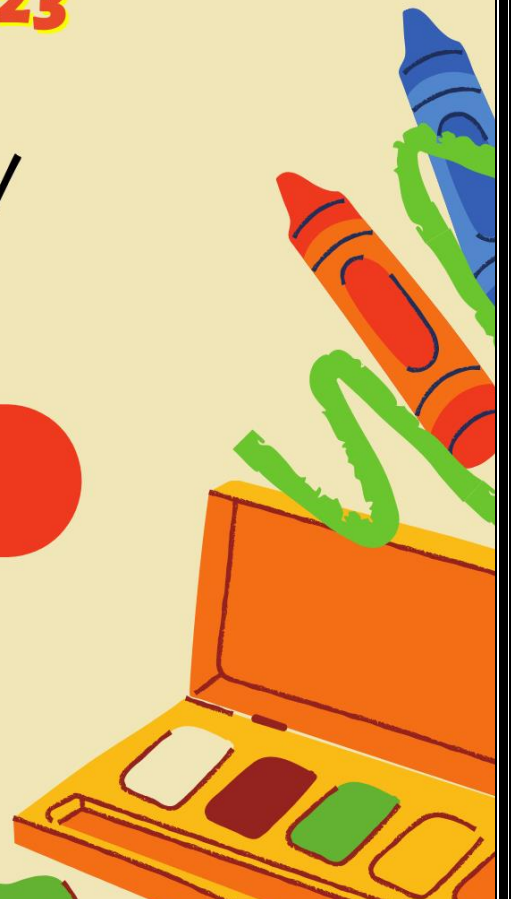
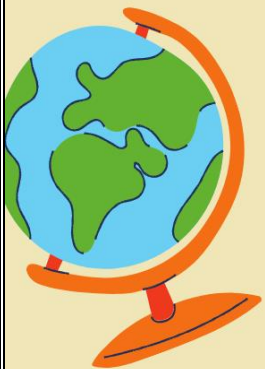
HOMESCHOOLWORK

SESSION 2022-23

GRADE- V

THEME

WATER



“In the summer, the days are long, stretching into each other. Out of school, everything is on pause and yet happening at the same time, this collection of weeks when anything was possible.”—Sarah Dessen

Dear Parents,

The above quote explains summer in its entirety. The summer season brings along a much needed break from the routine so that we are all ready and rejuvenated to work harder and smarter to achieve our true potential both academically and co scholastically when we join back. Summer vacation is the time when children can be more independent, inquisitive and creative. This is the time to nurture and develop skills, other than intellectual skills. This is the time to get together and enjoy as a family without the stress of deadlines and examinations eating into the “US” time. Take this opportunity to bring out the child in you and try to fulfill some of your childhood dreams with your child as your partner. Trust me, this way you will make memories that you will cherish your lifetime.

Let me in the same breath reiterate that we are sending along some fun filled tasks for your child to remain connected with academics. Holiday homework is focused on bringing out the creative and latent talents and skills of the children in a manner that will be both enjoyable and educative.

Some activities that you can do with your child this summer:

- Learn a new hobby – swimming, roller skating, cricket, karate, golf, summer camp etc.
- Play a game together every day. Computer games are good for the brain , but what about the rest of your body? You do need some exercise, don't you? Indulge in cycling, playing badminton, cricket, kho-kho, hide n' seek anything that makes you run.
- Visit a new place if possible.
- Read the newspaper daily.
- Go for walks as a family. You will realize you have two of the greatest gifts of life.... NATURE and your FAMILY.

A word of advice for my children:

- Read at least two books of your interest during the vacation.
- This is your chance to take care of your parents, grandparents, elders and even your younger brothers and sisters. You can surely be of some help to your family members.
- Ask your family members if they need some help and then do the needful.

Let me end with a beautiful poem by Paul Laurence Dunbar.

*"Oh, summer has clothed the earth
In a cloak from the loom of the sun!
And a mantle, too, of the skies' soft blue,
And a belt where the rivers run.*

*And now for the kiss of the wind,
And the touch of the air's soft hands,
With the rest from strife and the heat of life,
With the freedom of lakes and lands.*

*I envy the farmer's boy
Who sings as he follows the plow;
While the shining green of the young blades lean
To the breezes that cool his brow.*

*He sings to the dewy morn,
No thought of another's ear;
But the song he sings is a chant for kings
And the whole wide world to hear.*

*He sings of the joys of life,
Of the pleasures of work and rest,
From an o'erfull heart, without aim or art;
'Tis a song of the merriest ..."*

Enjoy your summer vacations. May you all have an exciting summer full of cheer and fun.

Regards,
Ms. Neelu Sharma
Principal

Happy
Summer
Holidays

NOTE:

- Daily write one page each of English and Hindi to help improve your handwriting.
- Daily practice 15 sums of Math in a rough notebook and give it to your teacher with your holiday homework.

ENGLISH



WATER IN LITERATURE

Water is vital for all forms of life. Although it provides no calories or organic nutrients, water plays an important role in our world. It is the center piece of all life. As we strive for a happier and more fulfilling life, we can draw a lot of inspiration from water. Despite being soft and humble, it cuts through hard rocks because of its patience and persistence. So, when life throws obstacles in your way, be like water and either cut through them or form a new path that will lead you to your goals and dreams.

Prepare your own Water Book using white 2 A4 size sheets and paste dark and light blue paper at the bottom of each sheet to give a wave effect. Design an attractive cover page for your Water Book. Your Water Book is now ready for your articles.

- ❖ Compose a **poem** in English on water.
- ❖ **Interview** two neighbours to know what measures they take to save water. Write the conversation in about twenty lines.
- ❖ Read MCB Chapter 4: The Boy who saved Holland and design a **Newspaper Cover Page** to highlight the bravery of Hendrik. Make at least two colorful illustrations along with the article.
- ❖ Read the novel **Black Beauty** during your holidays. Make a list of 100 new words from the novel that you have read and practice using them in your daily life. Make the list on an A4 size sheet- don't forget to make it look attractive.

Suggested Reading List:

- ✓ The Noddy Series- Enid Blyton
- ✓ Tales from the Panchtantra
- ✓ Karadi Tales
- ✓ The Young Visitors- Daisy Ashford
- ✓ The Wind in the Willows- Kenneth Graham
- ✓ The Tale of Mr. Tod- Beatrix Potter
- ✓ Gulliver's Travels- Jonathan Swift
- ✓ The Famous Five Series- Enid Blyton
- ✓ The Happy Prince- Oscar Wilde
- ✓ Charlie and the Chocolate Factory- Roald Dahl

HINDI

जल हमारे जीवन के लिए बहुत महत्वपूर्ण है। आजकल भूमि के जल के गिरते स्तर और स्वच्छ जल की मात्रा में होती भारी कमी ने लोगों के लिए काफी बड़ा संकट खड़ा कर दिया है। यह समस्या एक प्रकार से मानव द्वारा ही पैदा की गयी, जिसमें लोगों द्वारा पानी के अत्यधिक उपयोग के कारण जल संरक्षण अब एक आवश्यक कार्य बन गया है और यदि अभी भी जल संरक्षण को लेकर महत्वपूर्ण फैसले नहीं लिए गए तो आने वाले समय में यह समस्या एक गंभीर संकट बन जाएगा।



- ❖ लोगों में जल संरक्षण के प्रति जागरूकता फैलाने के लिए A3 Size Sheet गंगा नदी पर आधारित एक चित्र सहित कहानी लिखें, जिसमें गंगा स्वयं बताए कि वह कैसे और कहाँ से अवतरित हुई और आज उसका हाल कैसा हो गया। कहानी का शीर्षक होगा – गंगा की कहानी गंगा की जुबानी।
- ❖ लोगों में जल संरक्षण के प्रति जागरूकता फैलाने के लिए A3 Size Sheet पर आकर्षक चित्र बनाकर नीचे एक स्लोगन अर्थात् नारा लिखें।

संस्कृत

- ❖ संस्कृत में जलीय जीवों के नाम लिखकर चित्र सहित A4 साइज शीट पर दर्शाए।
- ❖ प्रत्येक पाठ में से दो दो संस्कृत शब्द हिंदी अर्थ लिखते हुए चित्र सहित शब्दकोश का निर्माण कीजिए।



OR

FRENCH

- ❖ Make a collage or a poster on A3 sheet (any color) and write few lines about it.
Topic: La fleuve Seine
- ❖ Learn and revise the French greetings from Lesson-1

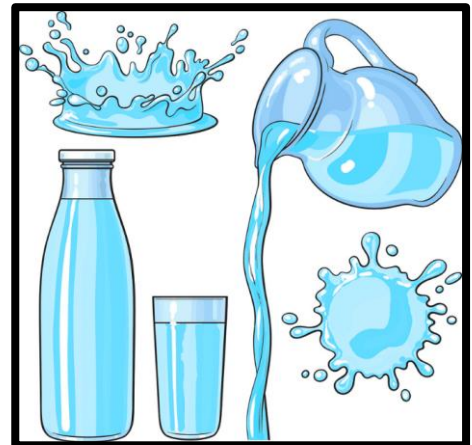


MATHEMATICS

(A-4 size sheets)

Project-1: Observe the usage of water in your household activities and estimate the quantity of water (in litres) consumed in each of the following activities per day for a period of 15 days:

- Bathing
- Cleaning
- Drinking
- Washing and other activities



❖ Calculate the total consumption of water for each day as follows: -

(For 15 days)

Repeat this process for 15 days.

DAY 1	Bathing (in litres)	Cleaning (in litres)	Drinking (in litres)	Washing and other activities (in litres)	Total consumption of water (in litres)

❖ Calculate the total quantity of water consumed in 15 days.

❖ Find the average consumption of water per day.

Average consumption of water = $\frac{\text{Total consumption of water for 15 days}}{15}$

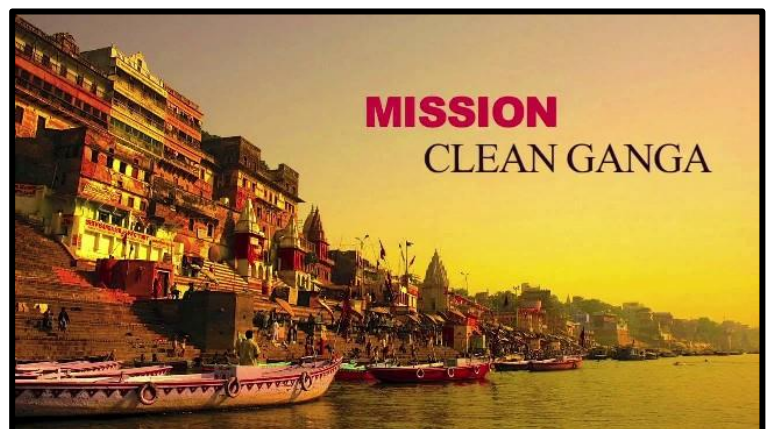
❖ Learn tables from 5 to 20 for an oral test.



SOCIAL STUDIES

❖ An insight into the cultural and spiritual value of water in India.

Namami Gange Programme', is an Integrated Conservation Mission, to accomplish the twin objectives of effective abatement of pollution, conservation and rejuvenation of National River Ganga.



- Compose a poem or write a song on National River Ganga to enhance the visibility of the programme.

❖ **A Walk along the Ganga**

This is a ‘virtual’ field trip to the city of Varanasi in India. The trip takes you along the 7km stretch of River Ganga, experiencing the joys and challenges of this ancient city.



Stop 1 – Child drinks from the river.

A young girl takes a drink of water from the river at Tulsi Ghat, at the southern edge of the city.

1. What are the potential health impacts of drinking polluted water?



Stop 2 – Tulsi Ghat – Morning Prayers

Every day around 60,000 people come to pray at the banks of the river. The city can be seen stretching off into the distance.

2. What is the religious significance of the River Ganga at Varanasi?



Stop 3 – Tulsi Ghat - bathing

The use of soaps and detergents is a minor source of pollution.

3. What impacts could soap and detergents have on the water quality of the river?



Stop 4 – Raw sewage

Millions of litres of raw sewage flow into the river each day – the most disturbing fact is that sewage flows into the religious bathing areas.

4. What are the dangers associated with bathing in water contaminated with sewage at this level?



Stop 5 – Buffalo bathing

Thousands of buffaloes are brought to the river each day to be bathed.

5. What are the likely impacts of the cattle wallowing in the river?

Guidelines for doing the SST holiday home work

1. Use A4 size colored sheets for doing the same.
2. For activity 2- write the questions and the relevant answers on an A4 size sheet.
3. The work should be hand written only.
4. The work should be neat, organized and well presented.

SCIENCE



Water conservation includes all the policies, strategies and activities to sustainably manage the natural resource of fresh water, to protect the hydrosphere, and to meet the current and future human demand. Saving *water* not only helps to preserve our environment but also it means having *water* available in the future too.

Three such methods of water conservation are:

- i) **Rain water harvesting**- Rainwater is usually free from harmful chemicals, which makes it ideal for irrigation purposes and it also reduces demand for potable water. Therefore, rainwater harvesting is the most effective method of water conservation.
- ii) **Drip irrigation**- Use of efficient watering systems of drip irrigation and sprinklers reduce water consumption by allowing water to drip slowly to the roots of plants and help in conservation of water.
- iii) **Building dams**- Dams are important because they provide water for domestic, industry and irrigation purposes. They also prevent floods and help in generating electricity.

❖ **Part A (To be done by all the students):**

As a part of the holiday homework, research on the above methods of water conservation and make a descriptive presentation on A3 sheet (or three A4 sheets) stating procedures, advantages and disadvantages of the methods stated above and draw colorful diagrams/ paste pictures of the same.

❖ **Part B: Make a 3D model of methods of water conservation.**

In this assignment you need to make a 3D model of the above stated methods as per the following description using easily available waste materials and paint:

Roll no. 1- 8: **Rain water harvesting**

Roll no. 9- 18: **Drip irrigation**

Roll no. 19- 27: **Building dams**

NOTE: Examples of the above stated models have been given below for your reference.



Rain water harvesting



Drip irrigation



Dam

COMPUTER SCIENCE

Make an informative advertisement in MS Word on the topic ***SAVE WATER SAVE EARTH.***

