



**IMPERIAL HERITAGE SCHOOL**

**SECTOR-102, GURUGRAM**

# *Holiday Homework*

**SESSION 2023-24**

**GRADE**

**VIII**





**"A vacation is what you take when you can no longer take what you've been taking."**

**—Earl Wilson.**

**Dear Parents**

**Greetings!**

**Vacation.....the word itself brings a huge, dazzling smile to the face of our children. Children and parents welcome this most-awaited time of the year with open arms. It is time for children and their loved ones to rejoice and rejuvenate and create memories together. Children choose to spend time in the company of friends and family and in pursuit of leisurely activities of interest and hobbies. With reasons plenty, the children look forward to these holidays.**

**Summer Vacation is the time for children to explore their interests and indulge in various activities and projects that would lead to their all-round development. We have designed the Holiday Homework in such a way that their creative and hidden talents surface and they will also be able to develop skills like relating, thinking, concluding, inferring etc. With a little creativity and an open mind, the possibilities for a fulfilling summer vacation are endless.**

**Summer vacations is a time to cherish, celebrate and renew lost habits and bonds. Connect with your child on a personal level and see the transformation within. As parents, you also need to unwind and relax. Do your favorite things and involve your child in them too. We hope that our children will thoroughly enjoy the vacation and make the most of this summer. As rightly said, a little bit of summer is what the whole year is all about.**

**"Instruction does much, but encouragement is everything."**

**Vital Suggestions for Summer Parenting:**

- **Encourage your child to learn a new skill to add to their resume.**
- **Motivate your child to catch up on summer reading.**
- **Indulge your child in activities that can stimulate their creativity.**
- **Ask your child to clean up their digital presence and spend time with their loved ones.**
- **Help your child stay active and healthy by following a new fitness regime.**

**Apart from getting involved in the learning process, we would request you to take out some time and involve your child in visiting some historical monuments, going for a nature walk, or some places of tourist attraction. This will help them to gain knowledge beyond books and could be used in the given homework.**

**"Don't be busy ...Be Productive"**

**Smart tips for students regarding 'Holiday Homework':**

- **Be original in your work.**
- **Schedule your time for activities so that the work is completed with ease.**
- **Read the instructions for each subject carefully.**
- **Beautiful handwriting makes a good impression. Submit your work neatly.**
- **Present your assignments creatively.**
- **Take the help of your parents wherever and whenever necessary.**

**Adding up the rubric to guide you for your holiday homework on which marks will be allotted.**

Content	Presentation	Relevance	Creativity	Originality	On-time Submission
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**Words of advice from my side for our students:**

- Relax during the holidays and eat healthy food.
- Read books, magazines, and newspapers to enhance your vocabulary and stay updated with current affairs.
- Learn to grasp things from your surroundings and use them in your assignment completions during holiday homework.
- Get enough sleep and surround yourself with positivity and happiness.
- Engage your ward in well-being practices such as meditation, exercise, yoga, etc.
- Inculcate the habit of writing as it is essential for those who seek to rise above the ordinary.

Let us all feel the summer vibes with a poem written by Leslie Pinckney Hill...

**SUMMER MAGIC**

So many care to vex the day,  
So many fears haunt the night,  
My heart was all but weaned away  
From every lure of old delight.

Then summer came, announced by June,  
With beauty, miracle, and mirth.  
She hung aloft the rounding moon,  
She poured her sunshine on the earth,

She drove the sap and broke the bud,  
She set the crimson rose afire.  
She stirred again my sullen blood,  
And waked in me a new desire.

Before my cottage door, she spread  
The softest carpet nature weaves,  
And deftly arched above my head  
A canopy of shady leaves.

Her nights were dreams of jeweled skies,  
Her days were bowers rife with song,  
And many a scheme did she devise  
To heal the hurt and soothe the wrong.

For on the hill or in the dell,  
Or where the brook went leaping by  
Or where the fields would surge and swell  
With golden wheat or bearded rye.

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

Best Regards  
Ms. Neelu Sharma  
Principal

**Happy Holidays**

## THEME: MYSTERIES OF NETWORK

The theme of Grade VIII Holiday Homework is **Mysteries of Network**, which aims to reveal the role of various kinds of networks existing in today's world, for example social network, interpersonal network, transport network, internet network and so on... Typically, network science is an academic field which studies complex networks such as telecommunication networks, computer networks, biological networks, cognitive and semantic networks, and social networks.

Thus, this homework is a way to encourage you to be an active participant in understanding how networking is connected with all aspects of our life.



### ENGLISH

#### 1. LITERATURE CONNECT

- A. Read the story ACROSS THE CYCLE ON SAHARA on Page 100 in Coursebook. Complete Part A on Page 105 in the textbook.
- B. Create a greeting card for Anindya Mukherjee. Use a colored A4 sheet.
- Cover page of the card - Safe Journey or Best Wishes for Safe Return along with an illustration.
  - Inside the card – a message of gratitude or inspiration.
- C. To know more about his life and travels, read the following articles.
- [https://en.everybodywiki.com/Anindya\\_Mukherjee](https://en.everybodywiki.com/Anindya_Mukherjee)
  - <https://www.topfivebuzz.com/anindya-mukherjee-first-indian-to-cross-sahara-desert-by-cycling/>

#### 2. NETWORK IN 21<sup>st</sup> CENTURY

Read the articles given below.

- <https://smartsocial.com/post/positives-of-social-media>
- <https://theconversation.com/how-social-media-affects-children-at-different-ages-and-how-to-protect-them-180374>

Write a paragraph in 120 – 150 words on the title **NETWORK IN 21<sup>st</sup> CENTURY**. Include the positive and the negative impact in your paragraph. Write the paragraph neatly on an A4 white ruled sheet with your name and title.

#### 3. BOOK COVER DESIGN – THE TIME MACHINE

Read the science fiction novel The Time Machine by H.G.Wells. You may even purchase the book as a part of your personal library. It is available online at - <https://www.gutenberg.org/cache/epub/35/pg35-images.html>

- Use an A4 sheet and fold it in two.
- Create a new cover page for the novel.



iii. Add information about the book inside the covers using two A4 sheets. You may add following information:

- What is the book about?
- Who is the main character?
- What was the main turning point, if any, in the story?
- Would you recommend your friends? Why or why not?
- Star rating – how many stars would you give out of five to the story?



## HINDI

भारत के उत्तर पूर्व में सात राज्यों अरुणाचल प्रदेश, असम, मणिपुर, मेघालय, मिजोरम, नागालैंड एवं त्रिपुरा को सात बहनें या सेवन सिस्टर्स (Seven Sister of India) कहा जाता है। उत्तर पूर्व के इन राज्यों की एक दूसरे की निर्भरता के कारण 'ज्योति प्रकाश साक्रिया' ने सात बहनों की भूमि का नाम दिया था। ये राज्य एक दूसरे से सटे हुए हैं, यहाँ पर आपको प्रकृति के बहुत ही खूबसूरत नज़ारे देखने को मिलेंगे। ये राज्यों की राजनैतिक, सामाजिक और आर्थिक तौर



एक दूसरे पर निर्भर रहते हैं। अगर हम इन राज्यों की संस्कृति और सभ्यता की बात करें, तो ये राज्य एक दूसरे से काफी अलग हैं। दुनिया भर से इन राज्यों (Seven Sister of India) की प्रकृति की सुन्दरता को लोग देखने आते हैं। एशिया के सबसे स्वच्छ गाँव से लेकर असम में भारत की सबसे पुरानी तेल रिफाइनरी तक, राज्यों के पास बहुत कुछ है। ज्यादातर सभी सात बहनों की अंतर्राष्ट्रीय सीमाएँ भारत में सबसे बड़ा मठ अरुणाचल प्रदेश में है। उसको तवांग मठ के नाम से जाना जाता है। पृथ्वी पर सबसे अधिक औसत वर्षा मेघालय के मौसिनराम में होती है।

नोट - नीचे दिए गए ग्रीष्मावकाश कार्य को ध्यानपूर्वक पढ़कर पूरा करें।

- भारत में उत्तर पूर्व के 7 सिस्टर्स के राज्य और उनकी राजधानी की प्रणाली तालिका 'A4 Size Sheet' पर बनाएँ।
- 7 सिस्टर्स स्टेट्स के विभिन्न पर्वों और उत्सवों के बारे में जानकारी देते हुए चित्र सहित विवरण पुस्तिकाबनाएँ।
- 7 सिस्टर्स स्टेट्स के प्रमुख आकर्षणों में से किसी एक स्थान का चित्र सहित 'A4 Size Sheet' पर विस्तारपूर्वक वर्णन करें।

## MATH

1. Draw a double bar graph to compare the number of orders received per month on Zomato and Swiggy from August 2022 to December 2022.

- Number of orders can be rounded off to represent on the graph and take the scale properly for the number of orders.
- Search on the internet to find the number of orders.

2. Draw a pie chart to represent global market share of prominent smartphone companies namely: Samsung, Xiaomi, Apple, Vivo and Oppo for the year 2022.

Research on internet for the required data.

3. Do 10 questions daily on a separate notebook from NCERT exemplar or from reference books like RD Sharma or RS Aggarwal.

- Topics: Rational Numbers  
 Linear Equations in One Variable  
 Data Handling

## SCIENCE

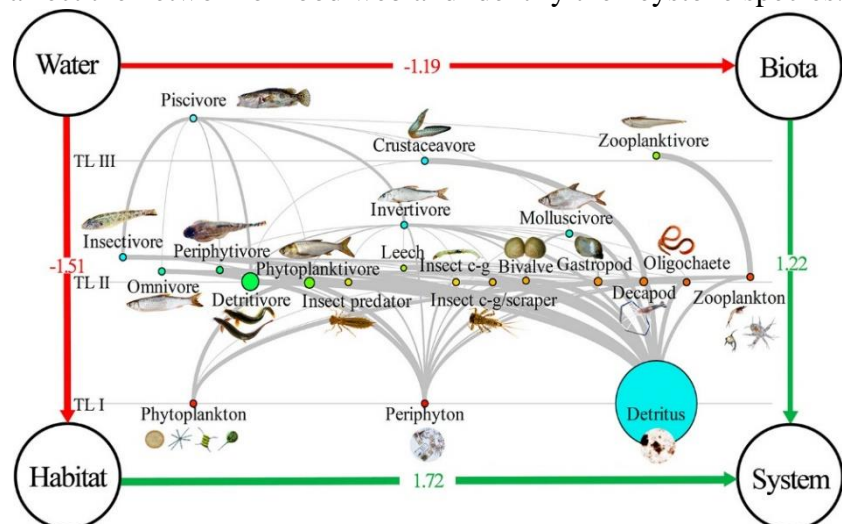
### Activity 1

As you know, food webs, which depict networks of trophic relationships in ecosystems, provide complex yet tractable depictions of biodiversity, species interactions, and ecosystem structure and function. In layman's terms, it basically shows who eats who in an ecosystem.

Working natural food webs are crucial for the health of our planet. Because of the interconnectedness of food chains, any disruption to the food chain can cause disruption to the entire ecosystem. Species that are especially important to maintaining balance, or homeostasis, are called keystone species. These species help control the population of all other species in the food web.

Explore the following factors that can affect the network of food web and identify the keystone species.

- a) Water pollution
- b) Acid rain
- c) Climate change
- d) Air pollution
- e) Hunting
- f) Soil pollution
- g) Illegal dumping
- h) Littering
- i) Mining
- j) Deforestation
- k) Human greed
- l) Natural causes



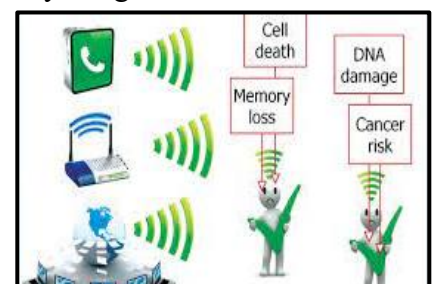
In this activity you need to make a detailed report using 4- A4 size sheets on any 10 of the above-mentioned factors, explaining their impact with the help of suitable example(s) of food chain/food web.

The modern internet-powered world was alien a few decades ago. Thankfully, a few years later everything changed. The internet came into our lives, cities grew, and the world was filled with different kind of light and colour. Internet also became wireless. DSL routers and the cable modems that make it so convenient to get online emit electromagnetic radiation in the low gigahertz frequency level which is considered as potentially dangerous.



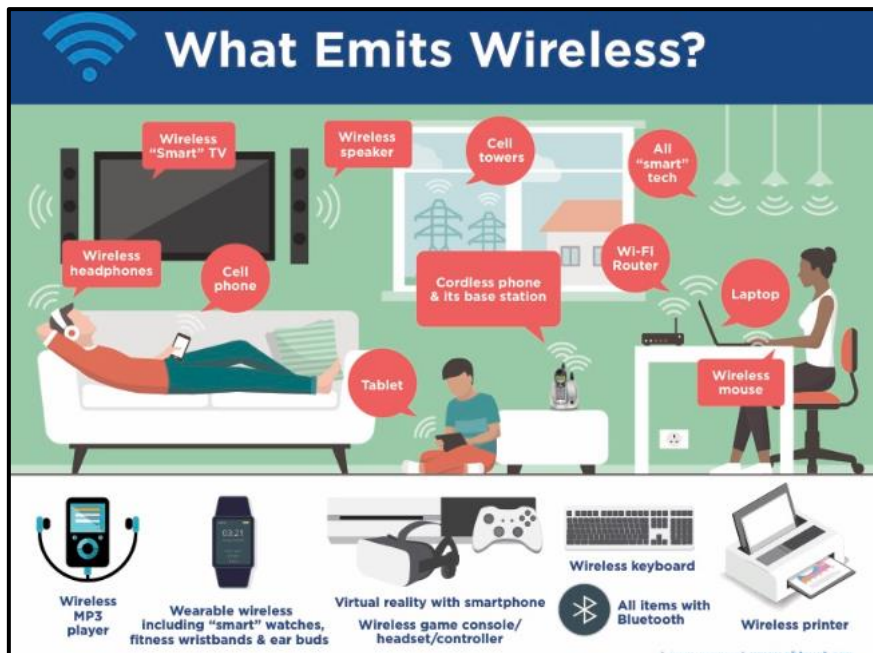
### Activity 2:

Make a power point presentation on potential health hazards of wireless network. You also need to consider making a special mention on why a child's brain is more susceptible to damage as compared to adult and internet addiction.



### Activity 3

The internet offers a collection of important services and resources that are essential to daily living. By utilizing the internet, people are able to progress in almost all spheres of life. As it's a worldwide organization of the computer network, it can link people from all over and create communities. As life is inevitable without the internet, we need to limit our exposure to the harmful radiations.



Identify the simple steps which can help to reduce every day wireless exposures and make an educational poster on the same on an A3 size sheet.

### SOCIAL SCIENCE

"The currency of real networking is not greed but generosity."



### Activity-1

**Cultural Networking:** - Culture connects us because it has the creative ability to build connection and help us imagine and create a better world.

#### New India and its New Vision of Yoga

Conduct an Awareness Campaign to honour India's cultural power -yoga as an integral part of realistic foreign policy and promote yoga training in schools, not limiting yoga to exercise but including Yoga philosophy and mediation. Create a brochure to enhance the visibility of your campaign showcasing the rebirth of yogic India from its classical era of world influence.

You are required to bring the brochure to school and make your classmates and teachers aware of Yoga. You will get two minutes to explain the key points of your brochure.



## Activity-2

**Green Networking:** - Green networking is the practice of selecting energy-efficient networking technologies and products to minimize resource use whenever possible.

Create and present a poster on an A3 sheet to educate about the issues related to the positive impacts of the International Solar Alliance (ISA) that was conceived as a joint effort by India and France to mobilize efforts against climate change through deployment of solar energy solutions.

## Activity-3

**Social Network:** - *Mann Ki Baat: -A Social Revolution on Radio.*

Be it Swachhata, Water Conservation, Fit India, Examinations or Women Empowerment- every month, citizens have been sharing their ideas and suggestions to PM Narendra Modi for his radio programme, Mann Ki Baat.

Make an anchor chart on an A3 sheet highlighting the Inspiring Stories of the 4 Changemakers Our Prime Minister, Mr Narendra Modi spoke to during Mann Ki Baat@100.

### SANSKRIT

- ❖ संस्कृत में अन्तर्जाल: पर अनुच्छेद ७० से ९० शब्दों में चित्र सहित A4 साइज शीट पर लिखिए।
- ❖ गुरु उकारांत पुल्लिंग और नदी ईकारांत स्त्रीलिंग शब्द अपनी A4 साइज शीट पर लिखिए।
- ❖ गूगल के प्रयोग के लाभ और हानियों का उल्लेख कर उन्हें चित्र अंकित करते हुए चार्ट बनाएँ।



### FRENCH

Make an informative Power Point Presentation on the following points:

- ❖ Different networks in France with their names.
- ❖ 5 new channels of France.
- ❖ 5 internet sites of France.
- Conjuguez les verbes dans le cahier: Finir, partir, boire, faire, connaitre, savoir, vouloir et pouvoir.
- Ecrivez les prépositions (at least 10) et faites une phrase avec chaque préposition dans le cahier.



### INFORMATION TECHNOLOGY

Create an informative app in MIT App Developer about Metaverse and how this can be a changing element in Social Networking in the future. Share your app link on Teams.

