JUNE 2024
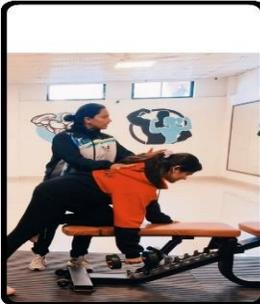
SUMMER VACATION HOLIDAY HOMEWORK

2024-2025

CLASS : VIII (A+B)

ACTIVITIES

DEAR PARENTS

Vacation is the time for the children to explore their myriad interest and indulge in various activities which would lead to their all-round development.

Summer Vacation is the most awaited time for both parents and kids. We have tried to keep the homework simple, informative, interesting and fun filled.

Here are a few tips for parents to act as a facilitator to help your child balance his/her eagerness in pursuing adventure, creativity and self-expression with development of responsibility.

- Make sure that you are spending quality time with your wards.
- Teach them the importance of moral value in their life.
- Motivate them to read good books.
- Encourage and help your child in shouldering responsibilities in household chores. It will aid them to be independent.
- Keeping in view the prevailing situation, indulge yourself in various indoor games with them.
- Encourage the child to wish 'Good Morning' and 'Good Night' to everybody.
- Encourage the child to speak simple sentences in English
- Talk respectfully with the child and encourage your child to do the same.
- Motivate the child to use polite words such as 'Please', 'Thank You', 'Sorry', 'May I'.
- Revise the work done in the classes.

<u>Please note:</u> Use resources (rough notebook) only which are available at home to complete all homework including project work. Prepare a systematic time table and follow it religiously from the very first day. Allow them to complete homework on their own under your guidance. Make these holidays memorable for the young learners by providing a nurtured and stimulated environment at home which is full of fun, excitement, and learning. Wish you all safe and healthy holiday ahead!

HOLIDAY Homework

Sr. No.	Subjects	Name of Subject Teacher (Section-A)	Phone No.
1	English	Ms. Shivani	9756262003
2	Hindi	Ms Lucky	9992221453
3	Maths	Mr. Mohit	9540173893
4	Science	Ms Minakshi (Class Teacher)	8077225694
5	Social Stu.	Mr. Aman Agarwal	8909890342
6	Computer	Ms. Daya	8396817748
7	French	Ms. Muskan	9205632779

Sr. No.	Subjects	Name of Subject Teacher (Section-B)	Phone No.
1	English	Ms. Shivani	9756262003
2	Hindi	Ms Upasana (Class Teacher)	9026690634
3	Maths	Ms. Prerna	7906974666
4	Science	Mr Jubair Alam	7027491010
5	Social Stu.	Mr. Aman Agarwal	8909890342
6	Computer	Ms. Daya	8396817748
7	French	Ms. Muskan	9205632779

Subject Wise Holiday Homework

Sr. No	Subject	Holiday Home Work
1	**English**	**1. Reading Work: -** a. Read Ch-1, 2 and learn all its question-answers and word meanings. b. Read Poem-1 and learn all its question-answers, word meanings and its summary. c. Read any Story book or Novel and write its summary in 4-5 pages in separate stick file and decorate it. **2. Writing Work: -** a. Write one-page cursive writing for twenty days in your separate holiday homework notebook.
2	**Hindi**	1) व्याकरण से पाठ-5 और पाठ-22 एवं पाठ्यपुस्तक से पाठ-3 के शब्द-अर्थ, प्रश्न-उत्तर एवं अभ्यास प्रश्न-उत्तर याद करें और प्रतिदिन दस पंक्तियाँ सुलेख हिंदी की अलग पाठ्य -पुस्तिका में लिखें। 2) जुलाई महीने में आने वाले किसी एक त्यौहार के विषय में चार पंक्तियाँ एक फाइल के पेज में चित्र सहित लिखें।
3	**Maths**	**1. Practice Time:** Practice Ch-1 & 2 of foundation mathematics in maths practice NB **2. Learning Work:-** Learn Table 2 to 25. **3. Writing Work:** Complete attached worksheet and paste it in maths notebook.
4	**Science**	**1. Practice Time: -** a. Attempt all the practice time questions of Ch-2 Biology (Micro-organisms- friends & foe) from biology foundation module. **2. Writing Work: -** a. Make 10 diagrams from the syllabus covered till date (Ch-1 Crop production and management, Ch-2 Coal & Petroleum, Ch-3 Micro-organisms) in a scrapbook. **3. Learning Work: -** a. Learn and revise all chapters covered till date (Ch-1 Crop production & management, Ch-2 Coal & Petroleum, Ch-3 Micro-organisms).
5	**Social Studies**	**1. Writing Work:-** a. Enlist and explain all fundamental rights guaranteed by your country's constitution and provide an example for each right showing how it applies in real life in separate note book. **2. Project Work: -** a. Make a globe while using plastic, rubber and any other suitable ball material.

6	Computer	**1. Research Task/ Project:**
		  a. Make a Power Point Presentation on the topic: Cyber Safety (at least 5 slides).
		  b. Paste the pictures of Router, Modem, Wi-Fi, Bluetooth, Bub and Switch. Write few lines about it in N.B.
		2. Reading & Vocabulary Building: Read Ch-3 Complete.
		3. Learning Work: Learn Ch-2 for class test.
		4. Writing Work:
		  a. Complete book exercise of Ch-3 in Fair Note Book.
		  b. Do given assignments.

7	**French**	1. Do practice of Alphabets, Numbers, weekdays and months name with pronunciation. 2. What is French Revolution? When did the French celebrate their revolution and why is 14th July celebrated as the National Day of France? (Do these questions in your French notebook and write answers in English). 3. Write about 4 famous French Festivals (La Fête des Rois, Le Carnaval, La Fête Nationale, and Le Noël) on A4 size sheet and also paste one picture of each festival. (Minimum 3-4 lines in French)

1. A rational number is defined as a number that can be expressed in the form $\frac{p}{q}$, where p and q are integers and
   (a) $q = 0$ (b) $q = 1$ (c) $q \neq 1$ (d) $q \neq 0$

2. Which of the following rational numbers is positive?
   (a) $\frac{-8}{7}$ (b) $\frac{19}{-13}$ (c) $\frac{-3}{-4}$ (d) $\frac{-21}{13}$

3. Which of the following rational numbers is negative?
   (a) $-\left(\frac{-3}{7}\right)$ (b) $\frac{-5}{-8}$ (c) $\frac{9}{8}$ (d) $\frac{3}{-7}$

4. In the standard form of a rational number, the common factor of numerator and denominator is always:
   (a) 0   (b) 1   (c) -2 (d) 2

5. Which of the following rational numbers is equal to its reciprocal?
   (a) 1   (b) 2   (c) $\frac{1}{2}$ (d) 0

6. The reciproal of $\frac{1}{2}$ is
   (a) 3   (b) 2   (c) -1 (d) 0

7. The standard form of $\frac{-48}{60}$ is
   (a) $\frac{48}{60}$ (b) $\frac{-60}{48}$ (c) $\frac{-4}{5}$ (d) $\frac{-4}{-5}$

Number	Reciprocal	Product
$\frac{3}{4}$	$\frac{4}{3}$	$\frac{3}{4}\left(\frac{4}{3}\right)=1$
$-\frac{5}{12}$	$-\frac{12}{5}$	$-\frac{5}{12}\left(-\frac{12}{5}\right)=1$
6	$\frac{1}{6}$	$6\left(\frac{1}{6}\right)=1$

8. Which of the following is equivalent to $\frac{4}{5}$?
   (a) $\frac{5}{4}$ (b) $\frac{16}{25}$ (c) $\frac{16}{20}$ (d) $\frac{15}{25}$

9. How many rational numbers are there between two rational numbers?
   (a) 1   (b) 0   (c) unlimited   (d) 100

10. In the standard form of a rational number, the denominator is always a
    (a) 0   (b) negative integer
    (c) positive integer   (d) 1

11. To reduce a rational number to its standard form, we divide its numerator and denominator by their
    (a) LCM   (b) HCF   (c) product   (d) multiple

12. Which is greater number in the following:
    (a) $\frac{-1}{2}$ (b) 0   (c) $\frac{1}{2}$ (d) -2

G.D. GOENKA INTERNATIONAL SCHOOL, ROHTAK

Holidays Assignment

Subject: Computer   **Class-8**

Chapter-1: Networking Concepts

A) Tick (✓) the correct answers.

1. Name a network device which connects several devices to exchange data between them.
   - a. Hub
   - b. NIC
   - c. RJ45

2. It refers to the overall framework of an organization's computer network.
   - a. Network Topology
   - b. Network Security
   - c. Network Architecture

3. This type of a network is used usually to link devices in a single building or campus.
   - a. WAN
   - b. MAN
   - c. LAN

4. In star topology, the threat of which failure increases because all the data passes through the hub?
   - a. Multiple-point
   - b. Triple-point
   - c. Single-point

5. It is the simplest and the most conventional model of topology.
   - a. Point-to-Point
   - b. Bus
   - c. Ring

6. It is a security system that protects a computer from an unauthorized access over a network.
   - a. Data Loss Prevention
   - b. Firewall
   - c. Access Control

B) Fill in the blanks with the help of given words. (Nodes, control, Internet, software, Intranet, Local Area Network (LAN)

1. The computers that originate, route, and terminate data are known as _____.
2. Every network has a _____ centre, which allows the different parts to connect.
   - a. is an example of computer network.
3. Apart from hardware, computers on a network can also share _____.
   - a. is a network that is private to an organisation.
4. In _____, computer terminals are physically connected with wires of Wi-Fi.

C. Write 'T' for True and 'F' for False.

1. National and international network of banks and ATMs use LAN.
2. A hub is considered more intelligent than a switch.
3. WAN can cover a large geographical area, such as a country.
4. Registered Jack 45 (RJ45) is commonly used to link the NIC with a hub.
5. Most computer motherboards do not have a NIC.
6. In WAN, nodes are linked through telecommunication or satellite signals.

D.   Answer the following questions.

1) What are the advantages of networking?
2) Explain network architecture. Mention different types of network architecture.
3) Differentiate between a hub and a switch.
4) Write a short note on mesh topology.
5) Give a brief account on network security.

Chapter-2 Cyber Safety

A.   **Tick (√) the correct answers.**

1. It is a set of procedures, values, and practices that regulate the use of a computer connected to the Internet.
   - a. Computer ethics
   - b. Digital footprint
   - c. Firewall

2. Some spams act as a carrier of
   - a. rumors.
   - b. malware.
   - c. Both a and b

3. A copyright is a legal term that protects the rights of
   - a. artistic.
   - b. original works.
   - c. Both a and b

4. _____ is a network of computers.
   - a. Internet
   - b. Webpages.
   - c. Website

5. _____ is the illegal reproduction and distribution of the software application.
   - a. Privacy
   - b. Software piracy
   - c. Hardware piracy

6. _____ refers to the impression left behind by the users, when they perform any online transaction.
   - a. Copyright
   - b. Footprint
   - c. Patent

7. _____ protects the rights of an individual on his/her research work
   - a. Patent
   - b. Copyright
   - c. Trademark

8. _____ means gaining the access of a remote computer to control.
   - a. Privacy
   - b. Software piracy
   - c. Hardware piracy

B.   **Fill in the blanks. (Email Bombing, Cyberstalker, Copyright, Patent, plagiarism, vandalism)**

1. ___ is a malicious act in which bulky emails are sent repeatedly to a particular address in a short time.
2. A person who uses Internet to stalk or harass a group or an individual is called _____
3. A _ is a legal term that protects the rights of literacy, dramatic, and other original works.
4. A _ is an exclusive legal right related to an invention.
5. The act of stealing someone else's intellectual property is known as _____
6. Cyber _____ refers to an illegal act of destroying or damaging digital data, rather than stealing or misusing it.

C.   **Write 'T' for True and 'F' for False.**

1. The time period of copyright protection lasts for the lifetime of an author with additional 70 years. _____
2. The time period of patent protection in India is 30 years from the date on which the application for the patent was filed. _____
3. Ethical hackers are also known as Black Hat hackers. _____
4. All viruses are not destructive. _____
5. In a URL, 's' in https stands for 'service'. _____
6. A trademark expires after sometime. _____
7. Digital footprint is of two types. _____
8. Firewall is the basic way to safeguard your computer. _____

D. Answer the following questions.

1. What is cybercrime? What are three different categories of cybercrimes in the society?
2. What is spamming?

3. What do you mean by Hacking?
4. What is phishing? How can you avoid being a victim to phishing?
5. Write some purposes of using passwords.
6. Write any three ways to protect software piracy.
7. Write any three ways to protect your privacy.