

The cover features a vibrant beach scene. At the top left, a bright yellow sun with rays is partially obscured by a white cloud. The sky is a clear, light blue. The title 'SUMMER VACATION' is written in large, bold, blue, sans-serif capital letters across the top. Below the title, a large, blue wooden frame stands on a sandy beach. Inside the frame, a white rounded rectangle contains the text 'HOLIDAY HOMEWORK', 'SESSION 2023-24', and 'CLASS VI'. The beach scene includes two palm trees with green fronds and coconuts, a red and yellow striped beach umbrella, and two matching striped beach chairs. In the background, a blue ocean meets a white horizon line.

SUMMER VACATION

HOLIDAY HOMEWORK
SESSION 2023-24
CLASS VI



MRGS, ROHTAK

PREFACE

Dear Parents and Students,

Summer vacation is around the corner, bringing with itself a much-needed respite from hectic school days. We hope that you will thoroughly enjoy the vacations and make the most of this summer. While it is indeed important that you relax and refresh yourselves, it is also important that you exercise your minds.

Keeping this in mind, we have designed various exciting activities to keep the students engaged and active during the summer vacation. These fun projects/ assignments would enhance learning skills, help understand concepts better, and make for a great crash course aimed at improving academic output.

These activities will not only help you to revise what was taught, but will also enrich your knowledge. These projects will be assessed as Subject Enrichment Activity, Portfolio or Art Integrated activity.

We encourage parents to motivate and support the students to ensure the given work is completed in time, to the best of their ability. Your support and encouragement both have a huge impact on your child's learning ability.

The Holiday Home Work is to be done neatly with relevance to the questions asked and to be submitted to the subject teachers . School reopening i.e. 1th July 2023.

Wishing you a fun filled, safe summer vacation.

**PRINCIPAL
MR. DHARMVEER**

English

- 1) Read story books and write two stories you like the most.
- 2) Read English newspaper daily and write one headline based on education.
- 3) Make a chart of noun and its types.
- 4) Write paragraph on discipline.
- 5) Do 1 page handwriting daily.

HINDI

अब तक करवाए गए कार्य की दोहराई करें।

बाल रामायण कथा का सारांश लिखें।

किन्हीं दस भाषाओं और उनकी लिपियों के नाम प्रदेश सहित लिखकर एक चार्ट बनाइए।

भारतीय कैलेंडर के अनुसार बारह महीनों के नाम लिखें और उस महीने में आने वाले त्योहार , दिवस, जयंती या उत्सव के नाम A4 शीट पर तालिका बनाकर लिखें।

वर्णमाला का चार्ट उच्चारण स्थल सहित बनाओ।

आई एम कलाम फिल्म देखें व उससे मिली शिक्षा लिखें।

हर रोज अपनी पसंद की कोई एक कहानी पढ़ें व पढ़ी हुई कहानियों में से कोई भी एक कहानी लिखें।

Math

1. Name ten large cities in India . Find their population . Place commas suitably and write the number names of the figures in
 - I. Indian system of numeration .
 - II. International system of numeration.
2. You are required to make a mathematical clock using thermocol / matchsticks / straws etc. Numbers of the clock (1 -12) should be represented in mathematical form .
3. Complete activity 3,4,5,6 from Maths Lab Manual.
4. Do all given worksheets in Fair notebook.

Worksheet 1 (knowing our numbers)

1. Which is smaller: A 5- digit number or a 6-digit number?
2. How many digits are there in 1 billion?
3. Writing of numbers from greatest to smallest is called an arrangement inorder.
4. Insert commas suitably and write the name according to international system of numeration:-
 - a) 78952058
 - b) 98800785
 - c) 60070080
 - d) 12344559
5. Write the expanded form of the following numbers:
 - a) 327
 - b) 1,245

- c) 5,008 d) 61,924

6. Compare the following pairs of numbers using the greater than (>), less than (<) or equal to (=) sign:

- a) 4,563 ___ 4,631 b) 897 ___ 789
c) 9,783 ___ 9,837 d) 32,659 ___ 32,659

7. Place commas correctly and write the numerals:-

- a) Seventy three million five hundred fifty five thousand five hundred five.
b) Nine crore seventy three lakh seventy three.
c) Eighty five lakh eighty five thousand five.
d) Two millions four hundred three thousand two hundred four.

8. Vegetable vendor has 3.5 kg of potatoes, 2 kg of onions and 4.5 kg of cauliflower. What is the total weight of the vegetables in milligrams?

9. A Milk booth sales 650 litres of milk everyday. How much milk will it sell in one leap year?

10. Factory has a container filled with 5874 litres of cold drink. In how many bottles of 200 ml capacity each it can be filled?

Worksheet 2 (whole numbers)

1. How many times does the digit 2 occur between 1 and 100?

2. Write the successor of largest three digit number.

3. Define natural numbers and whole numbers.

4. The smallest natural number is.....

5. $54667 + \dots = 54667$

6. Write the predecessor and successor of:-

1 lakh, 2 thousand, 7 hundred.

7. How many even numbers are there between 58 and 80?

8. Write the next three whole numbers after 601999.

9. Find the difference between the largest number of 5 digits and smallest number of 6 digits.

10. How many whole numbers are there between 44 and 86?

Worksheet 3 (Playing with numbers)

1. Which natural number is a factor of every number?

2. Is 171 a multiple of 19?

3. The sum of 3 odd numbers is always
4. A number is divisible by 5, if it has.....or..... in its one's place.
5. Define with example:- prime numbers
even numbers
odd numbers
composite numbers
Co-prime numbers
6. Find the maximum number of students among whom 1001 pens and 910 pencils can be distributed such that each student get the same number of the pens and same number of pencils.
7. Find LCM of:- 22,54,108 and 198.
8. Find factors of:- 12,64,36,90.
9. Find HCF of:- 91,112 and 49.
10. Find the least number which when divided by 6,15 and 18 leave remainder 5 in each case.

Science

1. Read chapters 1 to 4 and write 20 difficult words from each chapter
2. Make a chart on any **one** topic
 - a. Diseases caused by deficiency of vitamins and minerals
 - b. Different Separation techniques / methods
 - c. Different components of foods
3. Make a model on any **one** topic.
 - a. A simple closed circuit using battery / cell, wire, bulb etc.
(reference chapter electricity and circuits)
 - b. Air pollution
 - c. A Windmill (reference chapter – Air around us)
4. (a) Write and learn keywords of chapter 1 to 3
(b) Revise exercise of chapter 1 to 3
5. Do experiment number 5, 6, 7, 8 in lab manual.
6. Activity based questions:-
 - a. Record your menu for a week (breakfast, lunch, dinner) and note how many times in a week you had eaten a balanced diet.
 - b. Make a simple 'FIRKI' using coloured papers and a stick.
(reference chapter :- Air around us)
7. **Solve the following worksheet in holiday's homework copy**

WORKSHEET

Q1. CASE STUDY

Foods containing fats and carbohydrates are also called 'energy giving foods'. Proteins are needed for the growth and repair of our body. Foods proteins are often called 'body building foods'. Vitamins help in protecting our body against diseases. Vitamins are of different kinds known by different names. Our body needs all types of vitamins in small quantities. Vitamin A keeps our skin and eyes healthy. Vitamin C helps body to fight against many diseases. Vitamin D helps our body to use calcium for bones and teeth.

However, in a given raw material, one particular nutrient may be present in much larger quantity than in others. For example, rice has more carbohydrates than other nutrients. Thus, we say that rice is a "carbohydrate Rich" source of food. Besides these nutrients, our body needs dietary fibres and water. Dietary fibres are also known as Roughage. Roughage is mainly provided by plant products in our foods. Whole grains and pulses, potatoes, fresh fruits and vegetables are main sources of roughage.

Read the passage given above and answer the following questions.

1)keeps our skin and eyes healthy?

- a) Vitamin D
- b) Vitamin C
- c) Vitamin E
- d) Vitamin A

2) Food containing Proteins are also known as "energy giving foods"?

- a) True
- b) False

3) Name the nutrient needed for the growth and repair of the body?

- a) Carbohydrates
- b) Roughage
- c) Minerals
- d) Proteins

4) What are Roughages?

5) Mention ways in which Vitamins are helpful for the body?

Q2. Name three objects that you find in your surroundings under each of the following categories.

- a. Rough _____
- b. Smooth _____
- c. Opaque _____
- d. Transparent _____
- e. Floats _____
- f. Sinks _____

Q3. Complete the following sentences

- 1. Growing children should drink milk regularly because _____
- 2. Sunlight is important for small children because _____
- 3. We should eat green leafy vegetables because _____

Q4. Tasty food is not always nutritious and nutritious food may not always be tasty to eat.

Comment with examples.

Q5. On a bright sunny day, Sita was playing hide and seek with her brother. She hides herself behind a glass door. Do you think her brother will be able to locate her? If yes, why? If no, why not?

Social Science

- I. Collect more facts about the **Earth** and the **Moon**.
 1. (Also illustrate with pictures/drawings)
 - II. Make a list of differences and similarities between any **two Indian states**.
 - III. **“India has unity in diversity”** prove in your explanation (about 200 words)
 - IV. What were the subjects on which books were written in the past? Which of these books would you like to read?
 - V. Draw a list of the different festivals celebrated in your locality.
 - VI. **MAP-POINTING**
 - VII. 1. On an outline map of the world label or point the following
 - 1) Continents and Oceans (map1)
 - 2) Mountains and Rivers (map2)
- VIII-A) In the physical map of India mark the following
- Kerala
 - Ladakh
 - Tibet
 - Delhi
 - Gurugram
- VII-B) I. On the given physical map of India locate and label the following with appropriate symbols (history book (page2))
- Deccan Plateau
 - Aravali
 - Vindhya
 - Himalayas
- VIII. Complete the exercise on first lesson of Geography. Complete the exercise on first lesson of History.
 - IX. Draw a solar system on chart paper
 - X. Learn Ch- 2 Civics (**Diversity and Discrimination**)
Ch- 2 History (**From Hunting Gathering to Growing Food**)

Computer Application

1. Learn whole syllabus done in the class.
2. Reading of Ch-1,2,3 on alternative days.

PROJECT WORK:

1. Make a chart of Input and Output device
2. Write short keys A to Z (A4 size sheet)

ARTs

Book- page no. 8to23.

Drawing file- 5 fruits, 5 vegetables, 5 leaves,5 flowers draw and colour in drawing file .

Activity - best out of waste material (wall hanging)

G K

- Revise ch. 1 to 10