

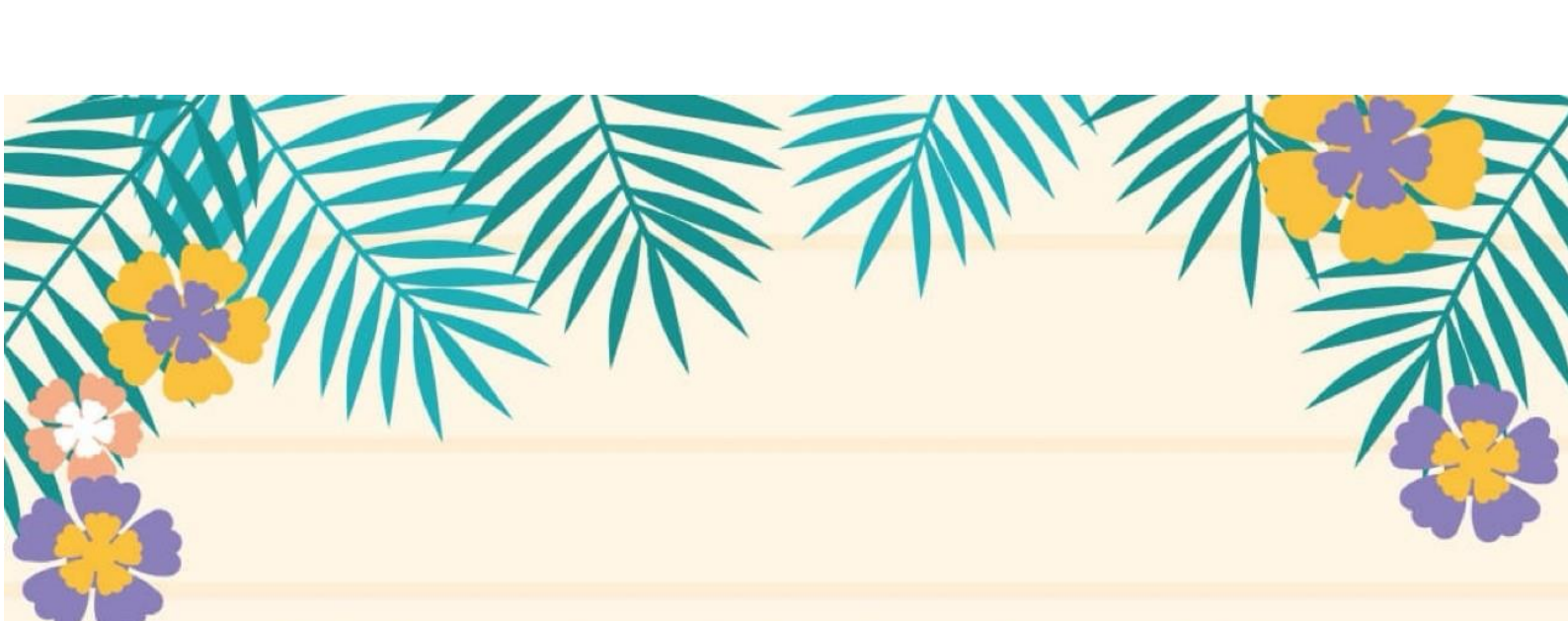
**Ghaziabad
Public School**



Transforming Education, Empowering Students

SUMMER HOLIDAY HOMEWORK


GRADE: VII



To be ready for tomorrow's opportunities, do your homework today. Learn, refine your skills and focus on your growth.

Dear Students,
Summer has arrived and brought with it your amazing and fun-filled holidays. Summer break is a well-deserved opportunity to relax and unwind by indulging in various activities. Your Holiday Homework has been specially designed for you to be creative, innovative and imaginative while completing your tasks. It will also enable you to recapitulate what was taught in the classrooms. We hope you will play, learn, research, analyze, experiment, imagine, think, value, appreciate and above all enjoy during your holidays. Wishing you happy holidays!

Instructions for the students:

- * Mention date and day when you do your work.
 - * Use your creativity and imagination wherever required.
 - * Submit your holiday homework when the school re-opens.
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1. Learn all syllabus done in the month of April and May.
2. Read the passage carefully and answer the given questions:



My next pet was a pigeon, the most revolting bird to look at, with his feathers pushing through the wrinkled scarlet skin, mixed with the horrible yellow down that covers baby pigeons and makes them look as though they have been peroxidizing their hair. Because of his repulsive and obese appearance, we called him Quasimodo. Since he had an unorthodox upbringing, without parents to teach him, Quasimodo became convinced that he was not a bird at all, and refused to fly. He walked everywhere. He was always eager to join us in anything we did.

He would even try to come for walks with us. So you had to either carry him on your shoulder, which was risking an accident to your clothes, or else you let him walk behind. If you let him walk, then you had to slow down your own pace to suit his, for should you get too far ahead, you would hear the most frantic and imploring coos and turn around to find Quasimodo running desperately after you.

i). The narrator describes the pigeon as a ‘revolting bird’ because

- | | |
|---|-------------------------------------|
| (a) He could not fly | (b) He had to be carried everywhere |
| (c) He had wrinkled skin covered with yellow feathers | (d) He was fat |

ii). Quasimodo got his name because

- | | |
|-------------------------|---|
| (a) He was fat and ugly | (b) He was attractive |
| (c) He could not fly | (d) He loves behaving like human beings |

iii) We know that Quasimodo was always eager to go on walks because

- | | |
|--|--------------------------------|
| (a) He walked everywhere | (b) He did not know how to fly |
| (c) He complained loudly if he was not taken along | |
| (d) He always copied whatever humans did | |

iv). Quasimodo protested when he was

- | | |
|----------------------|-------------------------------|
| (a) Left at home | (b) Lifted on human shoulders |
| (c) Taken for a walk | (d) Left behind during walks. |

v). The phrase ‘risking an accident to your clothes’ means

- | |
|--|
| (a) The bird pecked at their clothes |
| (b) There was a chance of the bird soiling their clothes |
| (c) The bird risked a fall |
| (d) The bird did not like their clothes |

3. Make a project of Verb and its kinds. Reference link is given below:

- <https://www.youtube.com/watch?v=V4EkfUP2uIQ>

4. Write and learn application of an urgent piece of work

5 . **Story Writing:**

Observe the picture carefully.

Create a story in your own words and write it on A4



6. **Biography:**

Prepare a biography of any cricketer in the form of collage.
Write about their birth, their achievements etc.



7. **The Daily Dive(Newspaper reading):**

Reading newspapers is an excellent way to promote literacy. As they get older, reading newspapers on their own is also very beneficial. Newspapers are not only a source of information, but they also help students to become better readers.

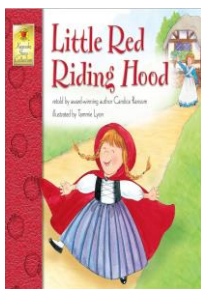
Note:



Read newspaper on daily basis. Collect five News Headlines in a day and write on A4 Sheet for at least for 10 days



8. **Reading stories(Fun learning)**



*Read the story book of the given topics.



9. **“Apna Gaon”(Our Village)**

Visit to your home town. Make a documentary (a short video) showcasing its unique traditions, places, crafts and landmarks. Collect some photos also and share your experiences and learnings once the school resumes.



1. "बेटी बचाओ बेटी पढ़ाओ" व "पर्यावरण सुरक्षा" पर चार स्लोगन लिखे
2. "जल" जल से संबंधित स्रोतों के चित्र सहित नाम लिखें और पांच वाक्य बनाएं
3. भारत के विभिन्न राज्यों में कौन-कौन सी "बोली" बोली जाती हैं और कौन सी वेशभूषा पहनी जाती है उनका चित्र सहित नाम लिखो।
4. ऐसे जीवों के चित्र ढूंढ कर अपने स्कैपबुक में चिपकाएं जिनकी प्रजातियां इस दुनिया से लुप्त हो चुकी हैं या विलुप्त होने की कगार पर हैं।
5. निबंध लेखन-
 - क. समय का सदुपयोग।
 - ख. अनुशासन का महत्व
6. पर्यावरण प्रदूषण पर एक अनुच्छेद लिखें।
7. कक्षा में कराया गया कार्य याद करें!

FUN AND LEARN:

1. Make a fraction robot as a 3D model. <https://youtu.be/K4oDWMu2-g4?si=W1Z6ghR7w4jNDDix>

2. Folded wheel Activity-Law of Exponent

<https://youtu.be/YBcvsuzDaGY?si=LEhnbJRjuiduCDKH>

LET'S PRACTICE

3. Do mental maths of ch-2 Fraction and decimal, ch-3 Rational numbers in book.

4. Learn tables upto 20.

5. Do worksheet.

Worksheet

Q1. Fill in the blanks:

- The rational number are called equivalent if they have_____ value.
- The reciprocal of -1 is_____.
- In fraction with same numerator, the fraction with greater denominator is_____.
- $0.32 \div 8 =$ _____
- $45\text{mg} =$ _____g
- $1.7 \times 0.13 =$ _____
- $36.36 + 7.70 =$ _____

Q2. Compare the following:

- | | |
|----------------------|--------------------------|
| a. 4.45 ___ 4.50 | c. 69.768 ___ 45.678 |
| b. 0.35 ___ 0.45 | d. $-4/5$ ___ $-5/7$ |
| e. $-3/8$ ___ $-3/7$ | f. $-9/-5$ ___ 0 |

Q3. Write the place value of 6 in the following digit.

- | | |
|--------------------|---------------------|
| a. $6.457 =$ _____ | b. $34.567 =$ _____ |
| b. $7.896 =$ _____ | d. $5.678 =$ _____ |

Q4. Write each of the following as decimals:

- $8/100 =$ _____
- $20 + (9/10) + (4/100) =$ _____
- $23 + (2/10) + (6/1000) =$ _____

Q5. Convert each of the following decimals as fractions:

- | | |
|-----------------------|----------------------|
| (i) $0.04 =$ _____ | (ii) $2.34 =$ _____ |
| (iii) $0.342 =$ _____ | (iv) $17.38 =$ _____ |

Q6. Find the value of:

- | | |
|------------------------|--------------------|
| (i) $9.756 - 6.28$ | (ii) $48.1 - 0.37$ |
| (iii) $108.032 - 86.8$ | (iv) $100 - 26.32$ |

Q1. Design a poster on ways of conserving water on a chart.

- Use catchy slogan and important points

Q2. Some plants derive some or most of their nutrients from trapping and consuming animals typically insects. However, carnivorous plants generate energy from photosynthesis and were adapted to grow in places where the soil is thin or poor in nutrients, especially nitrogen. They use different trapping mechanisms like Pitfall traps (pitcher plants: trap prey in a rolled leaf that contains a pool of digestive enzymes), Flypaper traps (use a sticky mucilage), Snap traps (utilise rapid leaf movements), Bladder traps (suck in prey with a bladder that generates an internal vacuum).



- Carnivorous plants are also known as
 (a) Autotroph (b) Heterotroph (c) Partially Heterotroph (d) None of these
- Carnivorous plants are found in soil having deficiency of
 (a) Carbon dioxide (b) Nitrogen (c) Oxygen (d) Hydrogen
- Nepenthes is the scientific name of
 (a) Pitcher plant (b) Sundew plant (c) Venus flytrap plant (d) None of these
- Justify the name of Pitcher Insectivorous plant.

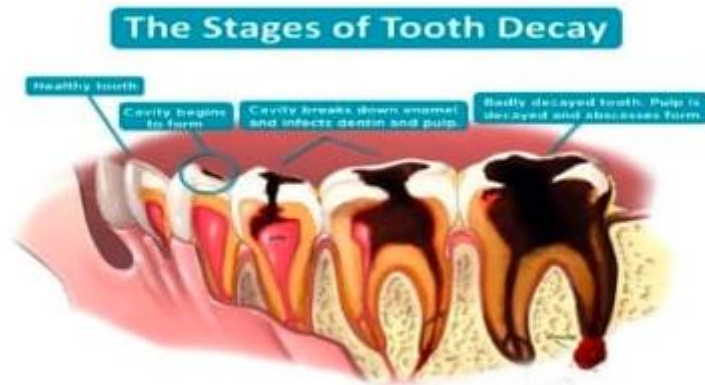
Q3. **Working model**

- To make a water Dispenser from a Plastic bottle and a card board.
<https://youtu.be/QmSO38x52r8?si=8uHxoJrGwG5fhJIF>

Q4. Make a **Herbarium file**

- Select any five plants - collect a flower and a leave of each plant, dry them out and paste them on A-4 size sheet. Also mention their scientific name

Q5. The tooth is covered by white hard outer covering of tooth called enamel. Enamel is similar to bone which protects the pulp cavity having nerves and blood vessels. Bacteria are gum present in our mouth but they are not harmful to us. However, if we do not clean our teeth and mouth after eating, many harmful bacteria also begin to live and grow in it. These bacteria breakdown the sugars present from the leftover food and release acids. The acids gradually damage the tooth. The process can be prevented by adapting following measures: (i) One should rinse and clean its teeth thoroughly after every meal. (ii) We should clean our teeth with the help of datun or brush twice a day. (iii) We should use dental floss to remove food particles. Plaque is the deposit on the teeth which helps in the storage of any unwanted substance. It increases storage of acidic substance also. It has been observed that starchy or sugary food items which cling to teeth for a long time are more likely to cause decay.



i. The main component of enamel is:

(a) Calcium phosphate (b) Calcium sulphate (c) Magnesium phosphate (d) Magnesium sulphate

ii. Choose the correct name for the process which can be given similar to Process mentioned in paragraph:

(a) Acid rain (b) Soil erosion (c) Digestion of food (d) Photosynthesis

iii. Which food eaten before sleep is going to cause more tooth decay. Write reason.

(a) Carrot (b) Pulse (c) Vegetable (d) Milk

iv. What is the role of plaque in tooth decay?

Q6. Learn the entire syllabus done in the month of April & May.

SUB: SOCIAL SCIENCE

1. On an outline Political map of India mark and level .

a) States of India with their capitals.

2. On an outline Physical map of India mark and level.

a) Mountain region. (Himalaya, Satpura, Vindhya, Aravali)

b) Plains (Ganga Basin). (c) Plateau (Malwa) (d) Coastal region

e) Desert. (Thar) (f) Island (Andman and Nicobar, Lakshadweep)

3. On an outline Physical Map of the World mark and level.

a) Amazon River. (b) Nile River. (c) Ganga River.

d) Darling River. (e) Orange River. (f) Bramputra River

4. Draw any two Diagram on A4 sheet.

a) Android Barometer (b) Mushroom Rock. (c) Rajput Miniature Painting

5. Make any one model on the given topic.

a) Sustainable Environment (b) Sprinkling Irrigation

c) Skill Development Programme (d) Jalliwala Bagh.

6. Draw a map of your school (Highlight following areas)

a) Primary wing (b) Account Office (c) Reception area.

d) Library (e) Computer lab (f) assembly area

7. Learn syllabus done in the month of April and May.

- 1-सुभाषितानि के 5 श्लोकों को अर्थ सहित लिखे व याद करना
- 2-भारत बारह ज्योर्तिलिंग के नाम लिखिए।
- 3- शरीर के 10 अंगों नाम संस्कृत में चित्र सहित लिखिए।
- 4- 1से ३० तक संस्कृत में गिनती, लिखे ।
- 5) 'मेरा विद्यालय'पर संस्कृत में पाँच पक्तियाँ लिखे।

SUB: INFORMATION TECHNOLOGY

- 1) Create a worksheet containing the marks of your class test. Create a column chart on the basis of the data.
- 2) Convert the number 5062_{10} to the binary system.
- 3) Convert 159_{10} to the octal number system.
- 4) Convert 380_{10} to the hexadecimal number system.
- 5) Prepare a Power point presentation on "Number System" and explain each number system with the help of an example.

SUB: GENERAL KNOWLEDGE

1. Paste pictures of 5 'Pioneers in Music' and write a paragraph about each of them.
2. Prepare a project report on topic 'Pollution and Health' with pictures.