HOLIDAYS HOME WORK FOR SUMMER VACATION 2024

CLASS - VII

"Two roads diverged in a wood, and I—
I took the one less travelled by,
And that has made all the difference."

Dear Mahavirians,

Holidays are a time for rejuvenation, a chance to recharge our minds and hearts. At the same time, we must also nourish our souls with purposeful activities. Here's a gentle reminder on how to make the most of this break:

Read Extensively: Readers are leaders. Unplug from screens, and explore the world of books. Make a habit of reading every day.

Catch Up with Passions and Hobbies: Remember that guitar gathering dust in the corner? Or the canvas waiting for your brush strokes? Now is the time to rekindle those flames. Dive into your hobbies—whether it's painting, dancing, coding, or cooking. Let your passions ignite your days.

Quality Family Time: Families are the heartbeats of our lives. Share stories, cook together, play board games, and laugh until your bellies ache. These moments are the threads that weave the fabric of cherished memories.

Academics and Studies: Yes, even during holidays, let's keep the academic flame alive. Regular study sessions need not be burdensome. A chapter a day, a math puzzle, or a historical documentary—these small steps maintain the rhythm of learning.

Homework with a Twist: Homework doesn't have to be done in a mundane manner. Be innovative! Create a science project that dazzles, write a poem that dances with metaphors, or solve math problems with flair. *Remember, it's not just about finishing; it's about understanding and enjoying the process.*

So, dear students, embrace this break with open arms. Explore both the well-trodden paths and the hidden trails. Let curiosity be your compass, and creativity your guide.

Wishing you a joyful and enriching summer break!

Ruchika Sukhija
Principal

ENGLISH

Smile, Sparkle and Shine!

Your English Holidays Homework will be assessed on the basis of following criteria –

- Content
- Presentation
- Creativity
- Originality

Guidelines

- Parents can best assist their children in the process of learning by providing consistent time and a quiet place for students to complete their tasks at hand.

- Please make sure that the children are in touch with their textbooks during the vacation. Regular revision and practice must be a part of their daily routine.

- Encourage your child to devote good amount of time into reading books, articles, magazines, newspapers and whatever they like as much as they can.

- Converse with them in English and acquaint them with new words every day.

Revise the entire syllabus taken up before the summer break.

Multiple Assessment Activity

CONVERSING CHARACTERS

'Reading is to the mind what exercise is to the body.' Read short stories penned down by the following authors:

- ➢ R.K. Narayan
- ➢ Ruskin Bond
- ➢ Sudha Murty
- ➢ Roald Dahl
- ➢ Lewis Carroll

Re-create a segment from any one short story, by constructing and writing a conversation between any two characters (from the selected story) of your choice (for instance conversation between the antagonist and the protagonist). Rehearse enacting the same using techniques of voice modulation, expressions, intonation, and gestures, for the class presentation. You may design suitable props, backdrop or incorporate technology, to make your presentation innovative and unique. The

best entries will be shortlisted for the intra-class competition, to be held post vacation.

Note:

- Write the conversation designed in your HW NB.
- There should be no grammatical errors while writing the conversation and no pronunciation errors while presenting it in the class.
- The duration of the presentation must not exceed 3 minutes.

Portfolio Activity

MY TRAVELOGUE

'Travelling turns you into a storyteller'

You had an incredible opportunity to visit Andaman and Nicobar Islands during your Summer Vacation. Prepare and design a travelogue, recollecting the mesmerizing experience you had visiting the place, getting to know its topography, its people, their culture, cuisine, religion, occupation, sightseeing and historical background. Add pictures and illustrations to make it aesthetic.

Note: The same should be done in a scrap book.

Subject Enrichment Activity

KNOWORDS - THE FUN WAY

'Vocabulary enables us to interpret and to express. If we have limited vocabulary, we will also have a limited vision and a limited future.'

Prepare and design a vocabulary game (board game/card game/Pictionary/Vocabulary Bingo/Crossword puzzles and any other engaging vocabulary game) using new grade appropriate words, learnt through reading books/newspapers/magazines/online articles or anecdotes, during vacation. Be prepared to present and play the same in the class post vacation.

हिन्दी

प्रिय छात्रों आपकी छुट्टियाँ आनंदमयी हो।

आपको यहाँ जो भी गृहकार्य दिया गया है उसे A – 4 साइज शीट पर सुंदर लेख में लिखकर स्टिक रोल फोल्डर में छुट्टियों के बाद स्कूल में लेकर आएँ।

1. इंटरनेट की सहायता से फ़सल की बुआई और कटाई तक की प्रक्रिया को देखकर आपने जो जानकारी प्राप्त की उसको 60-80 शब्दों में लिखिए।

2. वर्तमान समय में मनुष्य के द्वारा विकास से जुड़े क्रियाकलाप और बढ़ते शहरीकरण के कारण पक्षियों की संख्या दिन पर दिन कम होती जा रही है। इस समस्या से बचने के लिए हमें क्या करना चाहिए। 60-80 शब्दों में अपने विचार व्यक्त कीजिए |

3. प्राचीन काल से ही भारत में नदियों को मां के समतुल्य माना गया है किंतु आज के समय में नदियों को मनुष्य स्वयं अत्यधिक प्रदूषित करता जा रहा है। इस संदर्भ में आप दिल्ली में यमुना नदी को देखने जाएँ और आपके जो अनुभव हो उन्हें 60-80 शब्दों में लिखिए।

4. दिल्ली में इंडिया गेट के समीप एक राष्ट्रीय युद्ध स्मारक बनाया गया है | अपने अभिभावकों के साथ इस स्मारक का भ्रमण करें तथा वहाँ प्राप्त जानकारी को अपने शब्दों में लिखिए और स्मारक से जुड़े चित्र भी चिपकाएँ |

5. 25 मई को दिल्ली में चुनाव होने वाले हैं | भारत के किन्हीं पाँच राष्ट्रीय पार्टियों के नाम तथा उनके अध्यक्षों के नाम लिखिए। आपके क्षेत्र में विधायक या निगम पार्षद द्वारा करवाए गए कार्यों की सूची को विस्तार से बनाएँ |

संस्कृत

नोट- गृहकार्य को A-4 साइज सीट पर सुन्दर लेख में स्टिक फोल्डर में करें।

1. शब्दरूप – कवि, मुनि, रवि इकारान्त पुल्लिंग शब्दरूप लिखिए।
2. धातुरूप अस्, दृश् , पा/पिब् धातुओं के लट्, लृट्, लङ् लकार में रूप लिखिए ।
3. मणिका संस्कृत व्याकरण भाग-2 (पृष्ठ संख्या 11-12) से 2 अपठित गद्यांशों के प्रश्नोत्तर लिखिए।
4. संस्कृत व्याकरण मणिका भाग-2 चित्र वर्णन प्रदत्त (पृष्ठ संख्या 28) दो चित्रों पर आधारित 5-5 वाक्य संस्कृत में लिखें।
5. संस्कृत में अनुवाद करके लिखिए।

।.तुम मंगलवार को क्या कर रहे हो? ॥. मैं गीता पढता हूँ।   ।।।. हम सब फुटबॉल खेलते हैं।

IV. तुम दोनों मंदिर जाते हो। V. वे सब बच्चे हैं। VI. तुम सब घर जाओगे।

VII. हम दोनों कहानी लिखते हैं। VIII. मेरा भाई गाता है। IX. वह नाटक करेगा।

X. तुमने कहानी पढ़ी। XI. करन पानी पीता है। XII. मछलियाँ तालाब में तैरती हैं।

XIII. कविता और सीता घूमती हैं। XIV. राधा नृत्य करेगी। XV. वे दोनों फल खायेंगे

MATHS

This Holidays H.W. has two Parts:

    A. Practice worksheet to be done in Worksheet Registers.
    B. Project work to be done according to roll number.

PART A (Practice Worksheet)

1. Evaluate:
   (a) $(-40) \div 5$ (b) $(-450) \div (3 + 6)$
   (c) $(-36) \div (12 + 0)$ (d) $(-50) \div 50$
   (e) $420 \div \{10 + (-8)\}$ (f) $(-46) \div [(-40) + (-6)]$
   (g) $\{(-48) \div 12\} \div 2$ (h) $\{(-16) + 12\} \div \{(-4) + 2\}$
   (i) $(25 \div 5) \div [5 \div 5]$ (j) $[46 \times 5 \times 0] \div 4$

2. Verify that $a \div b \neq b \div a$ for the following value of a and b.

      (a) $a = -15; b = 3$ (b) $a = +36 ; b = 6$

3. Verify that $a \div (b + c) \neq (a \div b) + (a \div c)$ for each of the following:

      (a) $a = 48, b = 4, c = -2$ (b) $a = -20, b = -5, c = 4$

4. Write three pairs of integers (a, b) such that $a \div b = -4$. (different answers are possible)

5. An elevator is 25m below the ground level and it ascends at the rate of 5 m/min. Find the time taken by it to reach 50 m above the ground.

6. Temperature of a room at mid-night is $-4°C$. The room temperature increases at the rate of $2°C$ per hour. Find the temperature at 4 a.m. and 12 noon.

7. In a test (+5) marks are given for every correct answer and (-1) marks are given for every incorrect answer. Find the number of incorrect questions attempted by each one of them.

   (i) Rohit answered all the questions and scored 30 marks though he got 10 correct answers.
   (ii) Joy also answered all the questions and scored (-14) marks though his 8 questions were correct.

8. In a class test, containing 20 questions, 6 marks are awarded for every correct and (-2) are awarded for every incorrect answer and 0 for questions not attempted.

   (i) Rita gets 9 correct answers and 11 incorrect answers. Find her score.
   (ii) Sumit scored 36 marks though he got 8 correct answers. How many questions   had he attempted incorrectly?

9. $\frac{2}{5}$ of the students of a class of 50 students like mangoes, whereas $\frac{1}{5}$ of them like apples and rest like banana. Find the fraction of the total number of students like bananas.

10. Ria reads $\frac{1}{6}$ part of a book in 1 hour. If the book contains 3606 pages then find the
number of pages she reads in an hour.

11. Reema bought 30 dozen eggs. Out of them $\frac{2}{5}$ were found to be broken. Find the
number of good eggs left with her.

12. Nitin bought 200 packets of sweets. He gave $\frac{1}{4}$ of them to his friend Rahul. Find
the number of packets left with him.

13. Sweeti covered $\frac{2}{7}$ of the running track by walking and rest by running. If the
length of the track is 630 m, then find the distance covered by running.

14. 14.A bus covers a distance of $60\frac{3}{4}$ km in an hour. Find the distance covered by
bus in $2\frac{2}{3}$ hours.

15. Length of a rectangular field is $5\frac{1}{4}$ m and breadth is $1\frac{1}{7}$ m. Find the area of the
rectangular field.

16. Find: (a) $\frac{5}{6}$ of a day (in hours)

 (b) $\frac{2}{3}$ of an hour (in minutes)

 (c) $\frac{2}{7}$ of a week (in days)

 (d) $\frac{3}{5}$ of a kg (in grams)

 (e) $\frac{3}{5}$ of an year (in days)

PART B (Project Work)

 ↯ Group 1 (Roll number 1 to 6) : Make 5 platonic solids using ecofriendly material.

 ↯ Group 2 (Roll number 7 to 13): Make a working model on transversal
intersecting parallel lines and hence depicting properties of angles formed.

 ↯ Group 3 (Roll number 14 to 20): Make a board game based on
addition/subtraction /multiplication /division of integers. (use ecofriendly
material)

 ↯ Group 4 (Roll number 21 to 27): Make a comic strip of 5-6 pages using the
concept of fractions / decimals.

 ↯ Group 5 (Roll number 28 to 33): Make a working model on rotational symmetry.

SCIENCE

1. Make a Fan folder on the Topic – POLLUTION MITIGATION using A4 size white ruled and plain sheets. The report should include the following –
   - Pollution and cause of pollution
   - Steps to curb air /water pollution
   - Poem on the topic
   - Poster on the topic
   - Creative Slogans

Students have to choose any one type of the POLLUTION - AIR OR WATER and the complete task should be on the same type of pollution. It should be colourful, paste related pictures or drawings.

2. Find out and list the names of insectivorous plants, Parasitic plants, Saprophytic plants that grow in our country on A4 size ruled sheet. Paste pictures also.

   Make a colourful 3D MODEL of any one of the plant using cardboard and cartridge sheets, colourful clay etc.

3. Science activities, toys and games develop certain skills like problem solving, communication, creativity etc. in students. Students have to make interesting, innovative Scientific GAME and know the science behind the game.

SOCIAL SCIENCE

1) Revise all the work done in class.

2) Historic Arts

   – The rich cultural diversity of Indian art is well reflected in the vivid, distinct and enchanting folk art and crafts. Indian painting styles are not just a reflection of the indigenous lifestyle but a perfect example of artistic expression through simple yet distinct compositions.

Draw a painting according to your Roll No.
   ➢ Roll No. 1- 5 : Madhubani Painting
   ➢ Roll No. 6-10 : Warli Paintings
   ➢ Roll No. 11-15 : Kalamkari
   ➢ Roll No. 16-20 : Miniature Painting
   ➢ Roll No. 21-25 : Gond Painting
   ➢ Roll No. 26-31 : Patachitra Painting

1) Use A-3 size to make the painting.
2) Mention the name of the type of painting.
3) Design should be relevant to the allotted topic.
4) Also prepare a 2-3 minutes presentation about your paintings including necessary information like from which state it belong to, its features etc.

Make a 3 D Model of popular Temples.

- ➢ Roll No. 1-5   Gangaikondacholapuram
- ➢ Roll No. 6-10   Brihadishvara Temple
- ➢ Roll No. 11-15   Kailasanatha temple at Ellora
- ➢ Roll No. 16-20   Somapura Mahavihara
- ➢ Roll No. 21-25   Sanchi Stupa
- ➢ Roll No. 25-30   Sun Temple
- ➢ Roll No. 31-35   Gomateshwara Temple.

Also prepare 2–3-minute presentation about the model you will prepare like its location, architecture and facts related to it.

Guidelines:

- ➢ Use your creativity and innovation to make your model presentable and realistic.
- ➢ Use Ecofriendly material. Avoid using Thermocol and Plastic.

COMPUTER SCIENCE

Make comic strip book minimum 10 pages by using any one software (Canva or PowerPoint).

Topics (According to Roll No): -

1. Roll no. 1-10 Smart Home

2. Roll no. 11-20 Social Media

3. Roll no. 21 Onwards Smart Devices

ARTS

➕ Draw a madhubani painting on an A4 size sheet.

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