

SARASWATI VIDYALAYA

4610/17 Ansari Road Daryaganj Delhi-110002

SUMMER HOLIDAY HOMEWORK



CLASS- VIII

SESSION: 2025- 26

SARASWATI VIDYALAYA
CLASS-VIII
HOLIDAYS HOMEWORK- (2025-26)

Dear Students

This summer, let's embark on an exciting journey of learning that entertain, inspire, and sharpen our imagination.

General Instructions:-

- Read the assignment carefully and understand the instructions given.
- Use credible sources to gather information.
- Submit your assignment in the specified deadline i.e. in the first week of July.
- Your work will be assessed and displayed.

ENGLISH

1. Experiential learning - Summer vacation reminds us of visiting our home town / village or any other place we often plan to visit. Try to know / remember about its history and progress of that place. Compare it and write two paragraphs in 100 - 120 words. Underline the auxiliaries and the main verbs in the paragraphs.(A4 Size)

2. Immerse yourself in writing interesting news clippings associated with the activities of your town. Create a newspaper (A 4 size & 4 pages) for your town in the same way as it is given in The Times of India and other newspapers.

**3. Create an informative and interesting chart on any one of the following grammar topics: (A3 Size)
Prepositions / Determiners / Tenses. Try to include the best examples and tables.
The best chart will be highly appreciated and displayed on the school display board.**

4. Specific Project on poets :

(Answer each point in 60 - 80 words.)

Explore the poems : “WHERE THE MIND IS WITHOUT FEAR” by Rabindranath Tagore & “TO INDIA ” by Sarojini Naidu.

-Read the poems and feel the warmth for the country .Compare both the above given poems.

-Develop your calligraphic skills. Write & design the poems in your own way .(A3 Size sheet)

-What were the influences on the minds of both the poets.

-Analyze imagery and symbolism in the above given poems.

-What do you find common in both the poets

-Prepare a Power point presentation keeping the following points in mind :-

- childhood days, their work, list of poems and their style of writing poems.
- Write a diary to express your feelings about their great contribution in 80 – 100 words.
- Learn any one poem which you have liked to present it in the morning assembly.

HINDI

- 1 अपने मनपसंद खेल का चित्र बनाकर उस पर 15-20 वाक्य लिखिए।
- 2 अपने विद्यालय को स्वच्छ कैसे रखें 15 वाक्य लिखिए।
- 3 प्रतिदिन अपनी कापी में हिंदी के 20 शब्द लिखे।
- 4 अपनी पुस्तक से कोई एक कविता पर चार्ट बनाईए।
- 5 आप छुट्टियों में कहीं घूमने का वर्णन 50-100 शब्दों में करिए।

SANSKRIT

- 1 अपनी संस्कृत पुस्तक में से कोई 5 श्लोक विद्या से सम्बन्धित लिखिए।
- 2 अस्मद् शब्दरूप का अच्छा प्रभावशाली चार्ट बनाईए।
- 3 कोई भी 10 वाक्य संस्कृत में लिखिए।
- 4 सरस्वती से सम्बन्धित 2 श्लोक अपनी पुस्तक में याद करीए।

MATHS

1. Learn and write the tables from 5 to 20 in ruled sheets.
2. Do daily practice of five sums on addition, subtraction, multiplication and division.

✓ Task 1 :

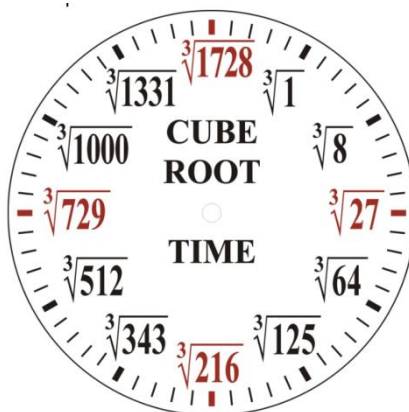
Fun Time

What to use : Use mount cardboard, size should be of an A4 size sheet

How to do :- Make a working mathematical clock by using the concept of

Chapter 5: Squares and Square roots or chapter 6: Cubes and cube roots.

A sample of a clock is attached below:



Parameters : Neatness(1), Presentation(2) and Creativity(1)

✓ Task 2 :

(This task has to be done in a separate notebook)

Assignment based on chapter 5 and chapter 6

Chapter 5 Squares and Square roots

Q1. Find the value of

$$\sqrt{10 + \sqrt{25 + \sqrt{108 + \sqrt{169}}}}$$

Q2. If $\frac{27.07}{x} = 27.07$, find x

Q3. Each member of a picnic party contributed twice as many rupees as the total number of members and the total collection was rupees 3042. Find the number of members present in the party.

Q4. The length of a rectangle is 3 times its breadth. Its area is 972 sq. meter. Find the perimeter of the rectangle.

Q5. Find the smallest number of 6-digit which is a perfect square.

Q6. What least number must be added to 7344 to make it a perfect square?

Q7. Find the square root of $6\frac{1}{3}$ up to three places of decimals.

Q8. Find the value of $\sqrt{45796}$ and hence find the quotient of $\sqrt{4.5796} \div \sqrt{457.96}$

Q9. Write a Pythagorean triplet if the smallest number is 9.

Q10. Find the square root of 90 by estimation method.

Q11. Is 2352 a perfect square? If not, find the smallest multiple of 2352 which is a perfect square. Find the square root of the new number.

Q12. Find the greatest 4 digit number which is a perfect square.

Q13. Find the number of non-square numbers lying between 40^2 and 41^2 .

Q14. Find the least number which should be subtracted from 1800 to make it a perfect square.

Q15. Evaluate :

a) $\frac{3}{\sqrt{0.09}}$

b) $\sqrt{5^2 + 12^2}$

Chapter 6 Cubes and cube roots

Q1. Is 1188 a perfect cube? If not, by which smallest natural number should 1188 be divided so that the quotient is a perfect cube?

Q2. By what least number 4320 be multiplied to obtain a number which is a perfect cube?

Q3. Find the cube root of following numbers by Estimation method:

a) 12167

b) 50653

c) 9261

Q4. Evaluate : $\sqrt[3]{5 - \frac{10}{27}}$

Q5. Complete the pattern :

$$5^3 - 4^3 = 1 + \frac{5 \times 4}{2} \times 6 = 61$$

$$7^3 - 6^3 = 1 + \frac{7 \times 6}{2} \times 6 = 127$$

(i) $9^3 - 8^3 = \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$

(ii) $12^3 - 11^3 = \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$

(iii) $51^3 - 50^3 = \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$

Q6. If the surface area of a cube is 486 cm², find its volume.

Q7. Show that if a number is doubled, then its cube becomes eight times the cube of the given number.

Q8 . MCQ based questions :

1 a) Which of the following is correct?

I. Cube of a negative number is always positive.

II. Cube of a negative number is always negative.

III. Cube of a negative number may be positive or negative.

IV. All of the above

2 b) If the digit in one's place of a number is 2, then the last digit of its cube will be:

I. 2 II. 4 III. 6 IV. 8

3 c) If the digit in ones place of a number is 3, then the last digit of its cube will be:

I. 3 II. 6 III. 7 IV. 9

d) If the digit in ones place of a number is 6, then the last digit of its cube will be:

I. 6 II. 3 III. 2 IV. 8

5 e) The volume of a cubical box is 64 cm³. Which of the following is its side?

I. 2 cm II. 4 cm III. 6 cm IV. 8 cm

6 f) Which of the following is a perfect cube?

I. 10000 II. 243 III. 343 IV. 270000

7 g) If a number is doubled then which of the following is a correct statement?

I. Its cube is two times the cube of the given number.

II. Its cube is three times the cube of the given number.

III. Its cube is six times the cube of the given number.

IV. Its cube is eight times the cube of the given number.

8 h) Which of the following is equal to its own cube?

I. -1 II. -2 III. -3 IV. -9

9 g) Which of the following is the cube root of 27000?

I. 30 II. 300 III. 3000 IV. None of these

SCIENCE

Q1. Prepare a working modal on any of the topics mentioned below :-

- a) Science and Technology
- b) Agriculture and Human Welfare

Q2. Prepare pamphlets to promote “Organic Farming “ in order to spread awareness agricultural practices .

Q3. The traditional methods of medicine is called Ayurveda . Find out some useful items from your kitchen which are beneficial in treatment of diseases. Prepare a report on it.

Write five such useful items used as medicines and the disease it cure in A-4 Size sheets .

Q4. Make a dictionary of 50 scientific words and their meanings (from Science book)

Q5. Revise Lesson 1 , Lesson -3 and Lesson -8 for test after vacations .

SOCIAL SCIENCE

- **Read the newspaper daily and note one political or economic news in your homework notebook.**
- **Geography: Poster Making: Make a colorful poster showing the Geography of Sikkim it's landforms, types of soil and forests.**
- **Civics: Topic: Making Laws in a Democracy**
Imagine you are a Member of Parliament. Write a 1-page draft of a law you want to create.
(e.g., “Ban on Single-Use Plastics” or “Compulsory Free Education till Class 10”)
Include:
The problem
Your proposed solution
Benefits to society
Creative Task: Design a symbol for your law (like a logo or badge).
- **Revise all the chapters that have been covered in the class.**
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COMPUTER

- 1. Prepare a chart on Computer Networks**
(Hint : Chapter-1 Data Communication and Networking)
- 2. Create your E-mail Account**
- 3. Prepare Power Point Presentation on Child Education/ Global warming/ Women’s Security / any other of your choice. (Hint : You can also use Chat GPT)**
(Hint : Use slide Transition to make the presentation automatic)

ART & CRAFT

- **Draw a decorative bookmark**
- **Design 2-3 stylish bookmarks using paper / hand made sheet / ribbons / stickers / pictures.**
- **Make a poster on an A3 size sheet on any one of the following topics -**
a) Independence day b) Global warming