

SURAJ SCHOOL

SESSION 2026-27

CLASS 8th B

HOLIDAY HOMEWORK

Summer Vacation Work Instructions for Students: -

1. Complete all assigned work neatly and on time.
2. Follow the instructions given for each activity carefully.
3. Maintain proper handwriting and presentation.
4. Read for at least 20–30 minutes daily.
5. Keep all worksheets and project work safe for submission.
6. Be creative and use your own ideas in activity-based tasks.
7. Revise previous lessons during the vacation.
8. Enjoy your holidays while balancing study and recreation.



Summer vacation starting from 7th June 2026 to 30th June 2026

ENGLISH

Reading Task : Read any English storybook, comic, newspaper article, or magazine for at least 15 minutes daily.

Listening Task : Listen to English poems, short stories, news headlines, or children's podcasts/videos.

Writing Task : Do Experiential Corner : Worksheet 1 given on Page. no. 86 & 87 in English Grammar Book.

Activity (For Roll no. 1-15)

Title: "Knowing the Poet Behind the Poem"

1. Read the poem 'Somebody's Mother' and find information about its author 'Mary Dow Brine' and write:

- Date and place of birth
- Her profession and interests
- Her famous poems or writings
- Her writing style
- Interesting facts about her life

Add a picture or sketch of the author. Use A3 size sheet.

2. This poem is based on the moral value - Kindness.

Write and decorate any one quote related to Kindness or Helping Others. (On A4 size sheet)

Activity (For Roll no. 16 onwards)

Title: "The Voice of Real India"

1. Collect information about Munshi Premchand, the author of chapter ' ' Idgah' and write:

- Real name Birth and death year
- Languages in which he wrote
- Famous stories and novels
- Why is he called the 'Upanyas Samrat' (Emperor of Novels)?

Paste or draw a picture of the author. Use A3 size sheet.

2. Write and decorate one famous quote by or about Munshi Premchand. Use A4 size sheet.

- **Revise chapter 1-3 (Reader), 5 and 6 (Grammar).**

हिंदी

1. ' योग दिवस ' विषय पर एक आकर्षक पोस्टर बनाइए। (A3 शीट)

2. हिंदी अखबार से 30 कठिन शब्द (Roll no 1 to 10) , 30 संज्ञा शब्द (Roll no 11 to 20) , 30 क्रिया शब्द (Roll no 21 onwards) छांट कर लिखे वह उनसे वाक्य भी बनाएं । (A4 Ruled sheet)

3. 'ईमानदारी का उपहार ' विषय पर नीचे दिए गए संकेतों के आधार पर कहानी की रचना करें । (A4 Ruled sheet)

संकेत बिंदु : एक गरीब दूधवाला – ईमानदारी से काम करना – एक दिन एक अमीर आदमी के घर दूध देने जाना –वहां सोने की अंगूठी मिलना - मन में लालच आना - अगले दिन अंगूठी वापस लौटाना –अमीर आदमी का खुश होना - ईमानदारी में दूध वाले के बेटे की पढ़ाई का खर्च उठाना ।

(A4 Ruled sheet)

- **कराए गए संपूर्ण पाठ्यक्रम की दोहराई करें ।**

MATHEMATICS

Topics: Cubes & Cube Roots, Operations on Algebraic Expressions, Factorisation

Section A – Cubes and Cube Roots

1. Find the cube of: 104
2. Find the cube root of: 110592
3. Evaluate: $12^3 - 8^3$
4. Find the smallest number by which 675 must be multiplied to make it a perfect cube.
5. Find the cube root of: $2744/15625$
6. A cube-shaped water tank has a volume of 54872 cm^3 . Find the length of each edge.
7. Simplify: $(5^2)^3 \div 5^4$
8. The difference between the cubes of two consecutive natural numbers is 61. Find the numbers.

Section B – Operations on Algebraic Expressions

9. Simplify: $8x - 5y + 7x + 9y - 4x + 3$
10. Add: $(7a - 5b + 9) + (4a + 3b - 11) + (2b - 6)$
11. Subtract: $(12m - 7n + 15) - (5m + 3n - 9)$
12. Multiply: $7x(3x - 5)$
13. Multiply: $(2a - 3b)(4)$
14. Evaluate: $3p^2 - 2q^2 + 5$ when $p = -2$ and $q = 3$
15. Simplify: $4x^2 + 3x - 7 + 5x^2 - 2x + 9$
16. Find the product: $(3x + 2)(5)$

Section C – Factorisation

17. Factorise: $18x + 24$
18. Factorise : $12a^2b + 18ab^2$
19. Factorise: $x^2 + 9x + 20$
20. Factorise: $16y^2 - 81$
21. Factorise: $6m^2 + 15m$
22. Factorise completely: $4p^2 - 25q^2$
23. Using identities, factorise: $49x^2 - 70x + 25$
24. Factorise: $x^2 - 11x + 30$

HOTS Question

If $a = 2$ and $b = -3$, find the value of $2a^3 - 3a^2b + 4b^2$.

- **Revise chapter 1-7.**

SCIENCE

Section A – Fill in the Blanks

1. A magnet attracts materials like _____ and steel.
2. An electromagnet works only when _____ flows through it.
3. The heating effect of electric current is used in an _____.
4. Diseases that spread from one person to another are called _____ diseases.
5. Diabetes is a _____ communicable disease.

Section B – True or False

1. A compass needle moves near a current-carrying wire. _____
2. An electric heater works due to the magnetic effect of current. _____
3. Dengue is a communicable disease. _____
4. Cancer is a non-communicable disease. _____
5. Electromagnets remain magnetic even after switching off electricity. _____

Section C – Competency-Based Questions

1. Why are electromagnets used in cranes to lift heavy iron objects instead of ordinary magnets?
2. A student touches an electric iron and feels heat. Which effect of electric current is shown here?
3. Two children have fever. One has flu and the other has diabetes. Which disease can spread and why?
4. Why should we cover food and keep surroundings clean to stay healthy?
5. Why are fuse wires used in electric circuits?

Activity

Aim: To make a Voltaic Cell

Materials required: Five or Six juicy lemons, five 1-2mm thick copper wires/strips, five iron nails, one LED, connecting wires, knife/toothpick(to make small slits in lemons)

Write Aim, Material required, Procedure, Observation and Conclusion and paste picture of the activity.

- **All work should be done in A4 size ruler sheet compiled in a file. Revise chapter 3 and 4.**

SOCIAL SCIENCE

1. With the help of internet and newspaper, choose a recent bill passed by the parliament. Create a simple timeline or table with the help of following details

* Name the bill

*Introduced in which house

* Date of Introduction

* Major points of the bill (Use A4 size sheet)

2. Complete this project according to the given Roll no.(Art Integrated project)

Theme Rajasthan (Roll No 1-12) ; Theme-Kerala (Roll no. 13-24) ; Theme- Manipur (25 onwards)

a) History b) Climate c) Monument d) Education e) Plants and Animals

Complete the project with the help of given points.

- **Complete your Holiday Homework on A4 Size sheet. Revise chapter 1 to 4**

संस्कृत:

1. अपनी पुस्तक के पेज नं. 104 से 15-15 पर्यायवाची शब्द , विलोम शब्द अपनी संस्कृत की उत्तर-पुस्तिका में लिखें व याद करें।

2. कवि, नदी शब्दरूप : अपनी उत्तर-पुस्तिका में लिखें व याद करें।

3. अपनी संस्कृत की पुस्तक पेज नंबर 31 से सुभाषितानि (श्लोक) A4 साइज शीट पर अर्थ सहित लिखें ।

FRENCH

1. Project

Prepare a chart/poster on: *“La France”*

Include: a. Famous monuments b. Food c. Culture d. Flag e. Language

2. Compréhension

Read a short French passage/story twice a week.

- **Read the lesson taught in class.**

ART

1. Still life drawing (Shading)

2. Landscape with water color

3. Madhubani Art

4. Craft – Best out of waste

(Do any one item of your choice on A3 Drawing sheet)

Computer

Theme: Responsible Digital Citizenship

Activity 1: My Digital Life Diary

Maintain a digital diary for 5 days. Observe and record your digital activities honestly.

Diary Format

Day	Screen Time	Most Used App/Website	Purpose	One Good Digital Habit Followed

Reflection Questions

1. Which app or website do you use the most and why?
2. What changes would you like to make in your digital habits?
3. Why is cyber ethics important for students?

Activity 2: Family Cyber Safety Survey

Conduct a simple survey with 5 family members or neighbours using the questions below.

Survey Questions

- Do you use strong passwords?
- Do you change passwords regularly?
- Have you ever received suspicious messages or scam calls?
- Do you verify information before forwarding messages?
- Do you use screen locks on your devices?

Survey Response Table

Name	Q1	Q2	Q3	Q4	Q5

Final Presentation

- Write 5-10 observations/conclusions.
- Write 3 cyber safety tips for families.

Submission Guidelines

- Use an A4 file or notebook for written work.
- Students may add drawings, charts, or creative designs.
- Submit the homework after the summer vacation.

Dear children,

- 1. Drink plenty of water to stay hydrated.*
- 2. Wear light cotton clothes to keep cool.*
- 3. Avoid going out in the hot afternoon sun.*
- 4. Eat fresh fruits and healthy food.*
- 5. Use a cap, sunglasses, or umbrella when outdoors.*



*enjoy
your
vacation*