

आचार्यकुलम्

वैदिक समाहित बी.एस.बी. आवासीय शिक्षण संस्थानम्

शिक्षा
संस्कारः



अभ्युदयः
निःश्रेयसः

Acharyakulam

A Vaidic Integrated BSB affiliated Residential (Co-ed) Educational Institute

Theme

**Ram Mandir: A
Symbol of Heritage,
Science & Culture**

ENGLISH

SANSKRIT

HINDI

MATHEMATICS

SCIENCE

SOCIAL SCIENCE

I.C.T.

Summer Holiday Homework (2026-2027)

VII



**Theme – Ram Mandir: A Symbol of
Heritage and Culture**

CLASS VII
SUMMER HOLIDAY HOMEWORK
2026-27

SUBJECT - ENGLISH

Instructions for the Given Task –

- Complete the homework neatly on A4 sheets/ separate small size notebook.
- Use colours, drawings and creative presentation wherever required.
- Maintain proper headings and structured work.
- Ensure originality and avoid copying.
- Revise and practice all work done in class along with this holiday homework.

NOTE: ATTEMPT ANY THREE OF THE FOLLOWING TASKS

Task / Work Given –

1. **Grammar Tree:** Draw a tree showing parts of speech using examples related to 'Ram Mandir: A Symbol of Heritage and Culture'.
2. **Tense Timeline:** Create a timeline showing past, present and future tenses using sentences based on Ram Mandir.
3. **Active-Passive Flip Cards:** Create 3 flip cards converting sentences about Ram Mandir from active to passive voice.
4. **Punctuation Poster:** Design a poster using sentences about Ram Mandir to show correct punctuation usage.
5. **Paragraph Writing:** Write a paragraph (100–120 words) on 'Ram Mandir as a Symbol of Heritage and Culture'.
6. **Letter Writing:** Write a letter (120-150 words) to your friend describing your thoughts on Ram Mandir and its cultural importance.
7. **Poetry Writing:** Compose a poem (6–8 lines) on 'Ram Mandir: A Symbol of Heritage and Culture'.

विषय – संस्कृत

नोट- समस्त कार्य पृथक् टिप्पणी पुस्तिका में लिखकर लायें।

- 1- राममन्दिरस्य धार्मिक एवं भौगोलिक दृष्ट्या सचित्र वर्णनं कुरुत।
- 2- वर्णविन्यासः, वर्ण-संयोजनं तथा च उच्चारण-स्थानानां सचित्रं सूत्रसहितं वर्णनं कुरुत।
- 3- सामूहिकं यज्ञं कृत्वा सामूहिकं योगप्रशिक्षणं च दत्वा तस्य सामूहिकछायाचित्रम् एकस्मिन् A4 sheet कर्गदि संश्लेश्य तस्य विवरणं संस्कृतेन लिखत।
- 4- स्व-पाकशालायाम् उपलब्ध-खाद्य-वस्तूनां नामानि तेषां पात्रेषु संस्कृते विलिख्य छायाचित्राणि A4 sheet कर्गदि संश्लेश्य आनयन्तु।
- 5- पाठितानां गीतायाः श्लोकानां स्मरणं पुनरावृत्तिं च कुर्वन्तु।
गीतायाः लिंक- <https://youtu.be/Bn7RDxdrSiA?si=lua0YVW3dJJU9a-M>
- 6- संस्कृतस्य संख्यां (01-50 पर्यन्तं) स्मृत्वा टिप्पणीपुस्तिकायां द्विवारं विलिख्य आनयत।
- 7- क्रिया कलाप-

क्रम.सं.	दिनाङ्कः	अभिवादनम्	योगः	यज्ञः	भोजनमन्त्रः	संस्कृतवाक्यम्	शयनमन्त्रः	अभिभावक-हस्ताक्षरम्
1.	27.05.26							
2.	28.05.26							
3.	29.05.26							
4.	30.05.26							
5.	31.05.26							
6.	1.06.26							

7.	2.06.26							
8.	3.06.26							
9.	4.06.26							
10.	5.06.26							
11.	6.06.26							
12.	7.06.26							
13.	8.06.26							
14.	9.06.26							
15.	10.06.26							
16.	11.06.26							
17.	12.06.26							
18.	13.06.26							
19.	14.06.26							
20.	15.06.26							
21.	16.06.26							
22.	17.06.26							
23.	18.06.26							
24.	19.06.26							
25.	20.06.26							
26.	21.06.26							
27.	22.06.26							
28.	23.06.26							
29.	24.06.26							
30.	25.06.26							

धातव्य-

1. भो छात्र ! प्रतिदिन आपको उपरोक्त क्रिया कलाप अवश्य करने हैं और प्रतिनित्य अपने अभिभावकों के हस्ताक्षर इस आशय से कराने हैं कि आपने उनके समक्ष किया है।
2. प्रतिदिन किये गये क्रिया कलाप को चित्र के माध्यम से प्रमाण सहित उपस्थित करना अनिवार्य है।
3. संस्कृत वाक्य में प्रतिदिन अपने अभिभावकों को एक-एक संस्कृत का वाक्य सिखाना है।
4. इस गृहकार्य के अंक आपके आंतरिक मूल्यांकन(Internal Assessment) के क्रियाकलाप(Activity) में जोड़े जायेंगे।

विषय – हिंदी

1. निम्नलिखित लिंक के माध्यम से राम मंदिर में प्रयुक्त सामग्री व उनकी विशेषताएं बताइए।

[https://www.nextias.com/blog/%E0%A4%85%E0%A4%AF%E0%A5%8B%
%E0%A4%A7%E0%A5%8D%E0%A4%AF%E0%A4%BE-
%E0%A4%B0%E0%A4%BE%E0%A4%AE-
%E0%A4%AE%E0%A4%82%E0%A4%A6%E0%A4%BF%E0%A4%B0/](https://www.nextias.com/blog/%E0%A4%85%E0%A4%AF%E0%A5%8B%
%E0%A4%A7%E0%A5%8D%E0%A4%AF%E0%A4%BE-
%E0%A4%B0%E0%A4%BE%E0%A4%AE-
%E0%A4%AE%E0%A4%82%E0%A4%A6%E0%A4%BF%E0%A4%B0/)

2. राम मंदिर में प्रयुक्त नागर शैली का सचित्र वर्णन कीजिए।
3. राम मंदिर का इतिहास तथा बाबरी मस्जिद विवाद का संक्षिप्त वर्णन कीजिए
4. परिवार सहित राम मंदिर दर्शन का वर्णन अथवा श्री राम के जीवन से ग्राह्य ज्ञान को अपने शब्दों में लिखिए।

ध्यातव्य बिंदु :-

समस्त गृहकार्य सुलेख सहित फाइल में कीजिए।

SUBJECT: MATHEMATICS

Introduction

The Ram Mandir is not only a spiritual and cultural symbol but also an example of architecture, geometry, symmetry, measurement, engineering, and mathematical planning. Through this holiday homework, students will explore mathematics hidden in Indian heritage and culture.

Note:

- Students are encouraged to use neat presentation, colorful diagrams, and proper calculations.

Submission Guidelines

- Use A4 sheets or project file.
- Attach drawings and graphs neatly.
- Mention formulas wherever used.
- Submit this homework after holidays in a well-decorated folder.

“Mathematics is not only numbers; it is also beauty, structure, design and culture.”

PART A – ACTIVITY

Activity 01: Geometry in Ram Mandir

- Draw the front view of Ram Mandir using geometric shapes such as:
Rectangle, Triangle, Circle, Cylinder, Cone
- Instructions:
 - Label all shapes used.
 - Measure and write approximate dimensions.
 - Identify: Lines of symmetry, Angles, Parallel lines, Perpendicular lines

Activity-02: Grid Art of the Mandir with fraction, decimal and percentage.

- **Objective:** Visualize the temple using a 10 X 10 grid.
- **Draw a Grid:** On a chart paper, draw a 10 X 10 square grid (making exactly 100 small blocks).

- **Sketch:** Lightly draw the front elevation (view) of the Ram Mandir spanning across the grid.
- **Colouring:**
 - Color the main dome and temple roof (e.g.15 blocks)
 - Color the pillars (e.g.30 blocks.)
 - Color the stairs and foundation (e.g.20 blocks.)
 - Color the background sky (e.g.35 blocks.)

Observation Table:

Create a chart to show your colors in Fractions, Decimals, and Percentages.

Color / Part of Mandir	Number of Blocks	Fraction	Decimal	Percentage
Domes (e.g., Orange)				
Pillars (e.g., Yellow)				
Background (e.g., Blue)				
Foundation (e.g., Brown)				
Total				

You can change the numbers of blocks and colors of roof, pillars, stairs and backgrounds accordingly.

<p>PART B – COMPETENCY, SUBJECTIVE, CASE-BASED & CRITICAL THINKING QUESTIONS</p>

Q1. The entrance gate of Ram Mandir is rectangular with length 18 m and breadth 12 m.

- I) Find the perimeter.
- II) Find the area.

Q2. A decorative design in the temple has 8 equal petals.

- I) How many lines of symmetry does it have?
- II) What is the angle of rotational symmetry?

Q3. During a cultural event:

3/4 of students performed bhajans,

1/5 of students performed dance.

If total students are 200:

- I) How many students performed bhajans?
- II) How many performed dance?
- III) Which activity had more students?

Q4. If the number of lamps in one row is 15 and there are 12 rows, write:

Total number of lamps:

Q5. Out of 500 visitors, 3/4 of visitors visited the museum section.

- I) How many visitors visited the museum?
- II) How many did not visit it?

Q6. A staircase in the temple increases by 2 steps in every section: 2, 4, 6, 8, ...

- I) Write next three numbers.
- II) Write the rule of the pattern.

<p>Note: Students must revise and practice all the work completed in the class along with the above homework.</p>
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SUBJECT - SCIENCE

Instruction:

- Complete the work neatly on A4 sheets and submit it in a stick file.
- Use colored pens/pencils for headings and decoration.
- Paste relevant pictures wherever required.

Conceptual learning:

Answer the following questions-

- Q1. Why do you think the engineer's decided not to use iron in a structure meant to last a thousand years? What happens to iron when it reacts with moisture and air over time?
- Q2. Why is sandstone a preferred choice for intricate carvings compared to softer rocks?
- Q3. Explain how a system of mirrors and lenses can bend and direct light to a specific spot?

Inquiry Based:

“During a special Ram Tilak ceremony, a priest used a transparent curved lens to focus sunlight on a small spot. The light became very bright and warm at one point.

- (a) Name the type of lens used.
- (b) Why do you think the sunlight became concentrated at one spot?
- (c) Draw the shape of the lens and write one daily-life use of it.”

Hint: This lens is thicker in the middle and thinner at the edges.

Cultural connection:

Write a short paragraph (50 to 80 words) in your words on-

“How conserving our heritage monuments is actually a way of preserving ancient scientific knowledge for future generations.”

Note: Students must revise and practice all the work completed in the class along with the above homework.

SUBJECT - SOCIAL SCIENCE

1. Heritage Exploration

Research the history of the Ram Mandir and create a timeline showing important events related to its construction and significance. Add drawings, pictures, or maps.

2. Architecture & Science Activity

Observe the architectural design of the temple and identify scientific concepts used in construction such as earthquake-resistant techniques. Present your findings in a project file (80-100 Words)

3. Culture and Traditions Project

Explain how the Ram Mandir reflects Indian culture and values. Conduct an Oral Interview with elders or family members and write about what the temple means to them.

Instructions for Students

- Use eco-friendly materials wherever possible.
- Submit the project in a neat scrapbook/file.
- Include pictures, labels, and short explanations.

NOTE- Revise all the work completed in the class.

SUBJECT: ICT

Prepare a PowerPoint Presentation on the history, culture, science and architecture of Ram Mandir Temple Ayodhya

Slide	Content
01.	Sacred Historical Origins
02.	The Five-Century Journey
03.	Architectural Style & Grandeur
04.	Five Magnificent Mandapas
05.	Engineering and Material Science
06.	Advanced Foundation Engineering
07.	Sacred Geometry & Surya Tilak
08.	Cultural & Spiritual Impact
09.	The Sacred Idols
10.	Masterminds Behind the Temple

Presentation Tips

- **Visuals:** Use high-resolution images of the temple facade, the Arabian Sea, and the Arrow Pillar.
- **Colors:** Use a color palette of gold, cream, and ocean blue to match the temple theme.
- **Text:** Keep bullet points short and speak the details out loud during your presentation.

Submission Guidelines

- Submit Colour copy of the presentation.

Note: Students must revise and practice all the work completed in the class of ICT along with the above homework.