

**SAINIK SCHOOL CHITTORGARH**  
**SUMMER VACATION HOLIDAY HOMEWORK**  
**SOCIAL STUDIES (CLASS VIII A+B+C)**  
**AY 2026-27**

<b>1. Instructions</b> (A). All work to be done neatly in your Social Studies Notebook / Chart Paper. (B). Diagrams and pictures should be neatly labelled. (C). Use A4 sheets for creative and project work. (D). Marks will be awarded for content, presentation, punctuality, and originality. (E). Every cadet must prepare to present one topic orally in class after vacation.
<b>2. Write the answers of following questions with utmost Sincerity and Honesty.</b> (a) <b>Chart work :-</b> Prepare a timeline chart of important events between 13 <sup>th</sup> Century to 17 <sup>th</sup> Century (From Sultanate Period to Mughals) (use colourful chart paper).  (b) <b>File work :-</b> Collect 5 pictures related to India's Natural Resources and their Distribution in different parts of the country. write a short description / details under each.  (c) Write an article (200–250 words) on “How can we promote sustainable Use of Natural Resources”?  (d) Write an article (400–500 words) on “The Merits and Demerits of different ruling dynasties in the medieval India Eg. Sultanate Period, Mughal Period, Southern Kingdoms and then Britishers.
<b>3. NCERT Textbook - Exploring Society : India And Beyond Part – I (Class VIII) :- Chapter-3 The Rise of Marathas &amp; Chapter-4 The Colonial Era in India.</b> Read the chapter thoroughly and make self-notes of the chapter in Notebook. <b>(Pattern to be followed for each chapter- 50 MCQs, 20 Short Answer type questions + Summary of the Chapter in 250-300 words).</b>
<b>4. Chapter-3 The Rise of Marathas :-</b> The chapter describes how forts were ‘the core of the state’ for Marathas. Why were they so important? How did they help the Marathas survive against larger enemies? <b>Write the answer in your own words. (Word limit :- 200-250 words)</b>
<b>5. Chapter-4 The Colonial Era in India :-</b> “Indians funded their own subjugation.” What does this mean in the context of British infrastructure projects in India like the railway and telegraph networks? <b>Write the answer in your own words. (Word limit :- 200-250 words)</b>

**SUBMITTED BY :- MR CHANDRAPRAKASH**

# SAINIK SCHOOL CHITTORGARH

SUMMER VACATION HOLIDAY HOMEWORK- 2026-27

**SUBJECT NAME : SANSKRIT**

**CLASS & SECTION: VIII**

**SUBJECT TEACHER NAME : P CHANDRASEKHARAN**

## ASSIGNMENT

1. पाठपुस्तकस्य व्याकरणभागे विद्यमानानि शब्दरूपाणि पुस्तिकायां लिखत ।
  2. पाठपुस्तकस्य व्याकरणभागे विद्यमानानि धातुरूपाणि सर्वेषु लकारेषु लिखत ।
  3. लभ् एवं सेव् धातोः रूपाणि आत्मनेपदि लिखत ।
  - 4 द्वितीय पाठः हिन्दी अनुवादसहितं पुस्तिकायां लिखत ।
- कस्याकार्याणि पूर्तिं कुरुत ।



# SAINIK SCHOOL CHITTORGARH

## SUMMER VACATION HOLIDAY HOMEWORK-2026-27

### INFORMATION

SUBJECT NAME: English

CLASS 8 SECTION: VIII A,Band C

SUBJECT TEACHER NAME: Rawal Rathore

#### INSTRUCTIONS:

1. The holiday homework will be considered as your English project work.
2. The marks awarded for this will be counted towards Internal -assessment.
3. Project will be done in a file (plastic strip file with A4 sheet may also be used)
4. On page 1: write -English Project Work, name, class, section, school number and house..

#### ENGLISH PROJECT WORK

NAME:

CLASS:

SECTION

SCHOOL NUMBER:

HOUSE:

5. Last page of the project will carry the following certificate

#### CERTIFICATE

This is to certify that I \_\_\_\_\_ OF Class \_\_\_\_\_. Have done the English project work on my own. It is my own original work as per the guidelines provided by \_\_\_\_\_( Name of the teacher).

Signature

Name:

### ASSIGNMENT

#### 1. Creative Writing

- Write an adventure story (250–300 words) in which you are the hero; include dialogue, a clear problem, and a resolution. Focus on paragraphing and varied sentence openings.

#### 2. Poster and Awareness Piece

- Make a poster (A4 sheet) on - Donate Blood; Keep the Earth Green; Save Water; Stop Violence Against Women. Add a short caption (20–30 words) and neat artwork.

#### 3. Reading & Book Report

- Read one short novel or collection of stories (suggestions: The Diary of a Young Girl excerpt, The Blue Umbrella or any book you like). Submit a one-page book report: Title; Author; 3-line summary; 3 lessons learned; favourite quote (2 lines).

#### 4. Grammar Practice

Copy out the paragraphs and insert the missing full stops and capital letters. Read the paragraphs at least once from start to finish before you begin. HINT: Add 8 FULL STOPS and 25 CAPITAL LETTERS.

finally, the week before christmas had arrived!

tim, jack and emily were extremely excited all they could talk about was what father christmas might be bringing them each of the children had written detailed lists of all the fabulous things they'd seen in mr magorium's famous toy shop: the toy emporium in this most wonderful place, you could find anything that your heart might desire if you were a child the shop was bursting with picture books, train sets, cuddly animals, paints, puzzles, board games, lego sets, racing cars, kits of all shapes and sizes, fancy dress costumes, balloons, balls and a hundred and one other things furthermore, all these marvellous toys were arranged beautifully on stands and shelves that were just the right height for children the emporium was every child's wildest dream come true

however, as tim, jack and emily would soon discover, all was not what it seemed

what they and everyone else believed was a child's paradise was, in fact, a child's worst nightmare..

#### 5. Vocabulary & Usage

- Create a 30-word vocabulary list from your reading: word; part of speech; one synonym; one original sentence.

#### 6. Speaking Task

- Prepare at least four 2-minute speeches on "Drone Warfare, Artificial Intelligence. Maharana Pratap and Jamshed Ji Tata

7. Language Lab –1- Listening Task 2- Facts and opinions.

**Note: This work is to be submitted on the very first day once the School restarts after Summer Vacation**

**SAINIK SCHOOL CHITTORGARH**  
**SUMMER VACATION HOMEWORK**

SUBJECT - HINDI		
CLASS & SECTIONS: 8 (A, B, C)	SUBJECT TEACHER	ROHIT NAMDEV
<p><b>INSTRUCTIONS: सामान्य निर्देश-</b></p> <ul style="list-style-type: none"><li>• सभी प्रश्नों को क्रमानुसार हल करें।</li><li>• अवकाश के बाद विद्यालय आने पर गृहकार्य जमा करना अति आवश्यक है।</li><li>• यह अवकाश कार्य आप के आंतरिक मूल्यांकन के अंतर्गत बहु-मूल्यांकन (Multiple Assessment) का एक अंग है।</li></ul>		
<p><b>प्रश्न 1.</b> 'स्वदेश' कविता का सारांश अपने शब्दों में लिखिए।</p> <p><b>प्रश्न 2.</b> 'गयाप्रसाद शुक्ल' एवं 'भीष्म साहनी' का संक्षिप्त जीवन परिचय देते हुए उनकी प्रमुख कृतियों को भी लिखिए।</p> <p><b>प्रश्न 3.</b> अर्थ के आधार पर शब्दों का वर्गीकरण कीजिए तथा 25 पर्यायवाची शब्द एवं 25 विलोम शब्द लिखिए।</p> <p><b>प्रश्न 4.</b> औपचारिक एवं अनौपचारिक पत्र से आप क्या समझते हैं? तीन औपचारिक और तीन अनौपचारिक पत्र लिखिए।</p> <p><b>प्रश्न 5.</b> ग्रीष्मकालीन अवकाश के दौरान आपके द्वारा भ्रमण किए गए किसी शैक्षिक, ऐतिहासिक अथवा धार्मिक स्थल का विवरण लगभग 300-400 शब्दों में व्यक्त कीजिए।</p>		

# SAINIK SCHOOL CHITTORGARH

SUMMER VACATION HOLIDAY HOMEWORK : 2026-27

## INFORMATION

**SUBJECT NAME : SCIENCE**

**CLASS & SECTION: VIII A, VIII B, & VIII C**

**SUBJECT TEACHER NAME: BHUPENDRA BIHARI VYAS**

**INSTRUCTIONS : THE GIVEN HOME ASSIGNMENT IS DIVIDED INTO SIX SECTIONS. ATTEMPT ALL SECTIONS.**

## ASSIGNMENT

### CHAPTER : HEALTH & DISEASES

#### Section A : Disease Transmission & Vectors

1. Why is stagnant water considered a health hazard even if people do not drink it?
2. In a classroom, if one student has a common cold, many others might catch it. However, if a student has malaria, others will not catch it directly. Explain the difference in their modes of transmission.
3. Why are female *Anopheles* mosquitoes considered "carriers" (vectors) rather than the "cause" of malaria?
4. Houseflies do not bite, yet they are considered one of the most dangerous spreaders of diseases. Justify this statement.
5. Why are people often advised to use mosquito nets or repellents even during the daytime in areas prone to Dengue?

#### Section B : Immunity & Vaccination

6. "Vaccines are a way of 'fooling' the body's immune system." Evaluate this statement based on the mechanism of how antibodies are produced.
7. Why is it that once you have suffered from a disease like Chickenpox, you are unlikely to get it again for a long time?
8. If a person is bitten by a rabid dog, they are given immediate injections. Why can't we wait for the body to produce its own antibodies in this case?
9. Why do we need a new flu vaccine almost every year, whereas a single course of the Polio vaccine protects a child for life?
10. How does the presence of "memory cells" in our immune system contribute to the success of pulse polio programs?

## **Section C : Antibiotics & Treatment**

11. Why are antibiotics effective against bacterial infections (like Tuberculosis) but completely ineffective against viral infections (like Influenza)?
12. "Overuse of antibiotics is creating 'Superbugs'." Explain the biological reasoning behind this concern.
13. Why is it strictly advised to complete the full course of antibiotics even if you start feeling better after two days?
14. If a doctor suspects a patient has a microbial infection, why does he sometimes wait for a "culture report" before prescribing a specific antibiotic?
15. Could we use a fungicide to cure a bacterial disease? Why or why not?

## **Section D : Microbes in Food & Preservation**

16. Fresh mangoes rot within a few days, but mango pickles last for years. What are the chemical and biological reasons for this?
17. Why does milk that has been pasteurized not spoil as quickly as raw milk, even if it is not boiled immediately at home?
18. Food poisoning can occur even if the food looks and smells normal. How is this possible?
19. Salt and sugar are called "natural preservatives." Explain the process of osmosis that allows them to prevent microbial growth.
20. Why is "Deep Freezing" a better method for long-term food storage compared to just keeping food in a standard refrigerator?

## **Section E : Human-Microbe Interaction & Environment**

21. If all nitrogen-fixing bacteria (like *Rhizobium*) were removed from the Earth, how would it eventually lead to a protein deficiency in the human population?
22. Why are some microorganisms called "Nature's Scavengers," and what would happen to our environment if they stopped functioning?
23. Yeast is used to make bread soft and spongy. What would happen to the bread if the dough was kept in a refrigerator immediately after adding yeast?
24. While some fungi cause diseases (like Athlete's foot), others are life-saving. Provide examples to support this dual role.
25. How has the increase in international air travel contributed to the rapid spread of communicable diseases globally?

## **Section F : Case-Based / Analytical Thinking**

26. A person is suffering from a disease where their body's protein synthesis is hampered because a microbe is attacking their ribosomes. Is this microbe more likely to be a virus or a bacterium? Justify.

27. Why do doctors suggest eating curd or taking probiotics after a heavy course of antibiotics?
28. During the rainy season, there is a surge in both water-borne and vector-borne diseases. Differentiate between these two categories with examples.
29. If you find a food packet that is "puffed up" or bloated, why is it dangerous to consume it even if the expiry date has not passed?
30. Explain how "Biological Warfare" uses the concept of pathogens to cause harm on a large scale.

**SAINIK SCHOOL CHITTORGARH, RAJASTHAN**

**SUMMER VACATION HOMEWORK (2025–26)**

**SUBJECT NAME : MATHEMATICS**

**CLASS & SECTION : VIII A, B, C**

**TEACHER NAME : AMIT KUMAR JHA**

**GENERAL INSTRUCTIONS**

1. Complete all work in a **separate Mathematics Holiday Homework Notebook**.
2. Maintain **neatness, proper steps, and correct mathematical presentation**.
3. Show **complete working** for all calculations—answers without steps will not be awarded marks.
4. Use **blue pen** for writing and **pencil for diagrams/rough work**.
5. Submit homework on the **first day after vacation**.
6. Practice questions sincerely—this work will be part of **internal assessment**.
7. Parents are requested to **guide and monitor** but not complete the work on behalf of the child.

**ASSIGNMENT**

**GANITA PRAKASH (PART-I)**

**CHAPTER 1 : A SQUARE AND A CUBE**

1. Using prime factorisation, find the square roots of : (a) 11025 (b) 4761
2. Using prime factorisation, find the cube roots of : (a) 512 (b) 2197
3. Is 176 a perfect square? If not, find the smallest number by which it should be multiplied to get a perfect square.
4. Is 9720 a perfect cube? If not, find the smallest number by which it should be divided to get a perfect cube.
5. Write two Pythagorean triplets each having one of the numbers as 5.
6. By what smallest number should 216 be divided so that the quotient is a perfect square. Also find the square root of the quotient.
7. By what smallest number should 3600 be multiplied so that the quotient is a perfect cube. Also find the cube root of the quotient.
8. Find the square root of the following by long division method. : (a) 1369 (b) 5625
9. Find the square root of the following by long division method. : (a) 27.04 (b) 1.44
10. What is the least number that should be subtracted from 1385 to get a perfect square? Also find the square root of the perfect square.

**GANITA PRAKASH (PART-II)**

**CHAPTER 1 : FRACTIONS IN DISGUISE**

1. In the first year on an investment of Rs. 6,00,000, the loss is 5%, and in the second year, the gain is 10%, the net result is 627000.
2. 5% sales tax is charged on an article marked Rs 200 after allowing a discount of 5%, then the

amount payable is \_\_\_\_\_

3. Four times a number is a \_\_\_\_\_ increase in the number.
4. The cost of a tape recorder is Rs 10,800 inclusive of sales tax charged at 8%. The price of the tape recorder before the sales tax was charged is \_\_\_\_\_.
5. Abida bought 100 pens at the rate of Rs 3.50 per pen and pays a sales tax of 4%. The total amount paid by Abida is \_\_\_\_\_.
6. Radhika bought a car for Rs 2,50,000. Next year, its price decreased by 10%, and further next year, it decreased by 12%. In the two years, overall decrease per cent in the price of the car is.
7. A TV set was bought for Rs 26,250, including 5% VAT. The original price of the TV set is.
8. Avinash bought an electric iron for Rs 900 and sold it at a gain of 10%. He sold another electric iron at 5% loss which was bought for Rs 1200. On the transaction, he has a:
9. The original price of a washing machine which was bought for Rs 13,500 inclusive of 8% VAT, is:
10. A sum is taken for two years at 16% p.a. If interest is compounded after every three months, the number of times for which interest is charged in 2 years is:

### **PROJECT WORK (COMPULSORY)**

#### **Topic: "Mathematics in Daily Life – Squares, Cubes & Percentages"**

#### **Objective:**

To understand the real-life application of squares, cubes, and percentages.

#### **Instructions:**

1. Prepare the project on **A4 sheets (8–10 pages)** or in a **project file**.
2. Include the following sections:

##### **a) Introduction**

- Importance of mathematics in daily life

##### **b) Squares & Cubes in Real Life**

- Example: Area of land, rooms, tiles, etc.
- Example: Volume of cube-shaped objects (water tank, box, etc.)

##### **c) Percentages in Real Life**

- Discount in shopping
- GST calculations
- Profit & Loss examples

##### **d) Activity (Compulsory)**

- Measure one room in your house and calculate:
  - Area (square concept)
  - Estimate tiles required
- Create one real-life percentage problem and solve it

##### **e) Conclusion**

- What you learned from the project

3. Make it **creative**: use diagrams, charts, and real examples.

4. Write in your **own words**. Avoid copying.

# SAINIK SCHOOL CHITTORGARH

## SUMMER VACATION HOMEWORK

### LIFE SKILLS AND VALUE EDUCATION

**CLASS & SECTION:** 8 (All Sections)  
Bishnoi

**SUBJECT TEACHER NAME:** Pratibha

**INSTRUCTIONS:** Complete all tasks neatly. Submit written reflection with photographs on the first day after vacation.

### ASSIGNMENT

#### ACTIVITY 1: LEARN A CRAFT

Choose any one craft activity and learn it during the summer vacation. Document your learning journey through photographs and a written reflection.

**Choose Any One Craft:**

- Origami (Paper Folding)
- Bottle / Pot Painting
- Embroidery / Stitching
- Clay Modelling / Pottery
- Macramé / Rope Craft
- Rangoli Design
- Candle / Soap Making
- Any other craft of your choice

**Submission Requirements:**

1. At least 4–5 photographs showing stages of the craft (beginning, process, final product)
2. Written Reflection (minimum 150 words) on A4 sheet including:
  - Name of the craft and why you chose it
  - How did you learn it (YouTube, family member, etc.)?
  - Challenges you faced and how you overcame them
  - What did this activity teach you about patience and creativity?
  - What value or life skill did you gain from this experience?

**Note: Print photographs and paste on A4 sheet with the written reflection.**

#### ACTIVITY 2: DAILY DIARY WRITING

Maintain a personal diary throughout the summer vacation (11 May to 29 June 2026).

**Daily Entry Format:**

3. Date & Day
4. Highlight of the day — one thing that stood out
5. Something new I tried, learned, or observed

6. A challenge I faced today and how I handled it
7. A value I practised today (honesty, kindness, discipline, etc.)
8. My mood / feelings — and what shaped them

**Note: Write minimum 5–6 lines per entry. Diary can be in a separate notebook or bound A4 sheets.**