

SAINIK SCHOOL CHITTORGARH

SUMMER VACATION HOLIDAY HOMEWORK

SCIENCE

CLASS & SECTION: VIII A, B,C

SUBJECT TEACHER NAME: ASHI CHAUDHARY

INSTRUCTIONS:

1. **Conceptual Questions** must be answered in a **separate Science notebook or copy**.
2. Write answers in **neat and legible handwriting**.
3. **Project Work** (Model or File) should be completed in a **separate project file**.
4. **Submission Date:** The **first day after the summer vacation**. No late submissions will be accepted.
5. Be sincere and creative with your work — it will be evaluated.

ASSIGNMENT

CHAPTER 1: Crop Production and Management – Conceptual Questions (10)

1. Define the term 'crop'. Name two types of crops based on seasons.
2. Why is ploughing an essential step in crop production? Explain with two reasons.
3. Differentiate between traditional and modern methods of irrigation.
4. List and explain any three agricultural practices involved in crop production.
5. What is the role of fertilizers and manure in crop production? How are they different?
6. Why is it important to remove weeds from crop fields? Name two weedicides.
7. Explain how soil fertility can be maintained using crop rotation.
8. Describe the process of harvesting. How is it different from threshing?
9. Draw a neat labelled diagram of a traditional tool used for sowing seeds.
10. How does the use of modern machinery improve agricultural productivity?

CHAPTER 2: Coal and Petroleum – Conceptual Questions (10)

1. What are natural resources? Name two types with examples.
2. Differentiate between renewable and non-renewable resources with examples.
3. What is coal? How is it formed in nature?
4. Write the uses and properties of petroleum. Why is it called "black gold"?
5. List the products obtained from the refining of petroleum and their uses.
6. Explain the process of formation of natural gas. Mention its major uses.
7. Why should we use fossil fuels judiciously? Suggest any two ways to conserve them.
8. What are petrochemicals? Mention any two products made from them.
9. How is coke different from coal? Mention its uses.
10. Draw a diagram showing the fractional distillation of petroleum and label any two products.

PROJECT WORK: (Choose Any One)

Option 1: Science Model

- Prepare a **working or non-working model** on any topic related to your Science syllabus.
- Examples: Rainwater harvesting system, biogas plant model, coal formation model, irrigation techniques, etc.
- Be ready to present and explain your model in class after the holidays.

Option 2: Project File Work

- Create a **project file** on any topic related to *Crop Production and Management* or *Coal and Petroleum*.
- Include:
 - Cover Page
 - Index
 - Introduction to the topic
 - Explanation with diagrams/pictures
 - Conclusion and learning outcome
- Use A4 size sheets and keep the file neat and creative.

*Note**: Be honest with your work.

- Handwriting, presentation, and effort will be taken into account while evaluating.
- Enjoy your holidays, stay safe, and keep learning!

Happy holidays!

SUMMER VACATION HOLIDAY HOMEWORK

SOCIAL STUDIES

CLASS – VIII

HISTORY

- Q.1. Chapter-1 Introduction- How, When and Where....
(Make self - notes of the chapter, write 25 MCQs and Glossary words)
Do the work in History Notebook.

GEOGRAPHY

- Q.2. (a) Chapter-1 Resources...
(Make self - notes of the chapter, write 25 MCQs and Glossary words)
Do the work in Geography Practical File.

CIVICS

- Q.3. Chapter-1 Indian Constitution
(Make self - notes of the chapter, write 25 MCQs and Glossary words)
Do the work in Civics Notebook.

SAINIK SCHOOL CHITTORGARH

SUMMER VACATION HOLIDAY HOMEWORK

COMPUTER SCIENCE (AI & ROBOTICS)	
CLASS & SECTION: VIII – A,B & C	SUBJECT TEACHER NAME: Mr Kuldeep Malviya
<div><div></div><div><ul style="list-style-type: none">Attempt all questions in a separate notebook.Complete the project work neatly using waste/recycled materials or drawing tools.Submit your work on the reopening day after the summer vacation.Marks will be awarded for neatness, creativity, and originality.</div></div>	

ASSIGNMENT

CHAPTER 1: Inside Internet

1.

What is the Internet? Write any five uses of the internet in daily life.
2.

Differentiate between WWW and the Internet.
3.

What is a web browser? Name any four popular web browsers.
4.

Explain how data travels through the internet (include terms like server, client, IP address, etc.).
5.

Draw a labelled diagram showing the working of the internet from a user’s device to a website.

CHAPTER 2: Cyber Security

1.

Define the following: Malware, Phishing, Hacking, Firewall, and Antivirus.
2.

Write any five tips to stay safe while using the internet.
3.

What is a strong password? Write rules to create one.
4.

Differentiate between cyberbullying and cybercrime.
5.

Explain any one recent cyberattack incident and how it affected users or organizations.

CHAPTER 3: AI & Robotics

- 1:

What is Artificial Intelligence? Mention its three main features.
- 2:

List five common examples of AI-based devices or applications used in daily life.
- 3:

Differentiate between robots and AI with suitable examples.
- 4:

Write a paragraph (80–100 words) on: "How AI is helping in smart homes and schools."
- 5:

Create a table showing **three AI robots**, their **country of origin**, and **their main use**.

PROJECT WORK:

Title: Create an AI-Powered Robot Model or Poster

Choose **any one** of the following:

- Option 1:

Create a **3D robot model** using waste/recycled materials.
- Option 2:

Draw/design a **poster** on an A4/chart sheet titled: “AI for Better Tomorrow”.

In both cases, write a description (100–120 words) that includes:

- Name and purpose of your robot
- Where it is used (e.g., home, hospital, military, school)
- What AI feature(s) it uses (e.g., facial recognition, sensors, voice control)

SAINIK SCHOOL CHITTORGARH

SUMMER VACATION HOLIDAY HOMEWORK

INFORMATION

SUBJECT NAME: English	CLASS & SECTION: VIII A,Band C
SUBJECT TEACHER NAME: J Saxena/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, roll number, topic etc. <div>ENGLISH PROJECT WORK</div> <div>NAME: CLASS: SCHOOL NUMBER: HOUSE:</div> <div>SECTION</div> 5. Last page of the project will carry the following certificate <div>CERTIFICATE</div> <div>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).</div> <div>Signature</div> <div>Name:</div>	

ASSIGNMENT

1. Subject Name: English

Assigned Tasks:
Reading Activity

a. Get a book issued from the library read it and write the following things :
i)One Page about the character you like the most ii) 20 Difficult word with meanings in English.
iii) Summary of the book iv) 50 mix sentences for e.g Simple. Interrogative, Adverbial Interrogative and negative from the book you have read.

Creative Writing

b. Instructions: All questions to be done on a separate page
(d) Write different articles like- self composed poems, reports on excursion, speech, diary entries, story writing, riddles, puzzles, etc. (Write any two)
Note:(i) The chosen one will be published in the School Magazine-
(c) Make a poster on any of the following topics : (A Call to Action for a Better Future)
a)Climate Change
Rising temperatures, melting glaciers, extreme weather.
Act Now: Reduce emissions, plant trees, go green!
b)Pollution
Air, water, and land poisoned daily.
Act Now: Recycle, reuse, and demand clean energy!
c)Poverty and Inequality
Millions live without basic needs while a few live in luxury.
Act Now: Support fair wages, education, and charity!
d)Global Health Crises
New diseases, lack of healthcare access.
Act Now: Promote vaccination, health education, and global cooperation!
e)Conflict and War
Civil wars, terrorism, displacement of millions.
Act Now: Advocate peace, tolerance, and diplomacy! Instructions: Information provided in poster should be in points and You can also use colours and slogans.
(d). Make a beautiful card for your friend on the occasion of his birthday. Decorate it and write a famous quotation by a well know poet or author Instructions: Use a thick A4 size sheet and be as creative as you can.

In case of clarification contact at-7357138255.Between 8.00 PM to 8.30 PM

The deadline for submission of the above work is July 1, 2025, within the subject period.

Note*: Kindly allocate the required number of questions.

SAINIK SCHOOL CHITTORGARH

SUMMER VACATION HOLIDAY HOMEWORK

Life Skills and Value Education	
CLASS & SECTION: VIII A, B,C	SUBJECT TEACHER NAME: ASHI CHAUDHARY
<p>INSTRUCTIONS:</p> <ol style="list-style-type: none">All work should be neatly handwritten on A4 sheets or in the assigned notebooks, unless mentioned otherwise.Submission Date: The first day after the summer vacation. No late submissions will be accepted.Be sincere creative with your work — it will be evaluated.	

ASSIGNMENT
<ol style="list-style-type: none">Diary Entry (Weekly):<ul style="list-style-type: none">Write a diary entry once a week on a personal experience that taught you a moral lesson. (Minimum 100 words each)Poster Making:<ul style="list-style-type: none">Create a poster on "<i>Kindness is Contagious</i>" or "<i>Unity in Diversity</i>".Short Essay:<ul style="list-style-type: none"><i>"My Responsibility Towards the Environment"</i> (150–200 words)

*Note**: Be honest with your work.

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Happy holidays!

SAINIK SCHOOL CHITTORGARH

SUMMER VACATION HOLIDAY HOMEWORK 2025-26

INFORMATION

SUBJECT NAME: HINDI

CLASS & SECTION: VIII – A, B, C

SUBJECT TEACHER NAME: MR ROHIT KUMAR NAMDEV

INSTRUCTIONS: सभी प्रश्न अनिवार्य हैं प्रश्नों को क्रमानुसार हल करें।

ASSIGNMENT

वसंत भाग 3 एवं व्याकरण

प्रश्न 1. कोई एक कविता (100 शब्द) अथवा कहानी (300 शब्द) अथवा निबंध (300 शब्द)

लिखिए जिसमें आपके सपनों का वर्णन हो, जो आप अपने जीवन में करना चाहते हैं।

प्रश्न 2. पाठ बस की यात्रा एवं दीवानों की हस्ती पाठ का सारांश लिखिए।

प्रश्न 3. भाषा की परिभाषा एवं इसके भेदों पर सविस्तार प्रकाश डालिए।

प्रश्न 4. तीस विलोम शब्द और तीस पर्यायवाची शब्द लिखें एवं याद करें।

प्रश्न 5. पत्र लेखन के महत्त्व को बताते हुए औपचारिक पत्र और अनौपचारिक पत्रों के तीन-तीन नमूनों को लिखें।

PROJECT WORK:

प्रश्न 1. हिंदी के किन्हीं 5 रचनाकारों का सचित्र जीवन परिचय एक चार्ट पेपर पर बनाएँ।

SAINIK SCHOOL CHITTORGARH

SUMMER VACATION HOLIDAY HOMEWORK

SUBJECT NAME

CLASS & SECTION: VIII

SUBJECT TEACHER NAME: MRS. PRIYA BADARIA

INSTRUCTIONS: Students are required to do this assignment in a separate notebook.

ASSIGNMENT

CHAPTER 1: NAME OF CHAPTER: RATIONAL NUMBERS

Content 1: Do all the try these questions of chapter -1 given in the book.

Content 2: Plot the following rational numbers on a number line:

-7/6, 2/3, -1/2, 5/6, -4/3

1. Convert all the given rational numbers to like denominators before plotting.
2. Draw a number line from -2 to +2 with markings for sixths (i.e., mark points like -2, -11/6, -10/6, ..., 0, 1/6, 2/6, ..., 2).
3. Plot all five rational numbers accurately on the number line.
4. Identify:
 - (a) The greatest and smallest among them.
 - (b) The pair with the least distance between them.
5. Write all five numbers in descending order.

CHAPTER 1: NAME OF CHAPTER: LINEAR EQUATION IN ONE VARIABLE

Content 1: Do all the try these questions of chapter -2 given in the book

Content 2: Solve the following questions for the given variable:

6. $x/4 + 5/2 = -3/4$
7. $5x - 11 = 3x + 9$
8. $3y + 4 = 7 - 2y$
9. $8x = 4x + 18$
10. $5t - 3 = 3t - 5$
11. $2y + 9 = -7$
12. $2x - 13 = 17$
13. $12x - 9 = -4$
14. $21y - 8 = 7$
15. $8x + 4 = 3(x - 1) + 7$

CHAPTER 3: NAME OF CHAPTER: UNDERSTANDING QUADRILATERALS

Content 1: Activity: Cut, Classify & Create – Understanding Quadrilaterals

Objective:

To identify, classify, and understand the properties of different types of quadrilaterals using a hands-on approach.

1. Find and cut out at least 5 quadrilateral shapes from colored paper, magazines, or newspapers (you can draw and cut if needed).
2. Ensure you include a variety: square, rectangle, parallelogram, rhombus, trapezium, kite (at least one of each).
3. Paste each shape onto your notebook. Label each shape clearly.
4. Under each pasted quadrilateral, write:
 - a. Number of equal sides
 - b. Number of parallel sides
 - c. Type of angles (right, acute, obtuse)
 - d. Diagonals (equal, bisecting, perpendicular, etc.)

NOTE: This assignment is the part of 'Subject Enrichment activity' for Term- II.

SAINIK SCHOOL CHITTORGARH

SUMMER VACATION HOLIDAY HOMEWORK

INFORMATION	
SUBJECT NAME:	संस्कृतम् ।
SUBJECT TEACHER NAME:	P CHANDRASEKHARAN

। संस्कृतगृहकार्याणि ।

कक्ष्या -८

प्रथमः पाठः- सुभाषितानि । श्लोकान् हिन्दी अनुवादसहितं लिखत ।

द्वितीयः पाठः- पाठभागात् पञ्चदश (15) अव्यय पदानि चित्वा वाक्येषु प्रयोगं कुरुत ।

तृतीयः पाठः- डिजीभारतम् । पाठः शुद्ध एवं स्पष्टतया हिन्दी अनुवाद सहितं पुस्तिकायां लिखत ।

-पाठपुस्तकस्य व्याकरणभागात् सर्वनामशब्दानां (अस्मद् युष्मद् यत् इदम्) रूपाणि लिखत ।

- क् दृश् वस् पिव् पच् आदीनां धातुरूपाणि लट् लृट् लङ् लोट् एवं विधिलिङ् लकारेषु लिखत ।

- कक्षाकार्याणि पूर्तिं कुरुत ।