

SAINIK SCHOOL CHITTORGARH

SUMMER VACATION HOLIDAY HOMEWORK

COMPUTER SCIENCE (AI & ROBOTICS)	
CLASS & SECTION: VII – A,B & C	SUBJECT TEACHER NAME: Mr Kuldeep Malviya
<div><div></div><div><ul style="list-style-type: none">INSTRUCTIONS: 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 Computer Hardware and Operating System

1.

Define the following terms: CPU, RAM, Hard Disk, Motherboard, and Power Supply Unit.
2.

Draw a neat labelled diagram of the internal parts of a computer cabinet.
3.

Differentiate between Input, Output, and Storage devices with two examples of each.
4.

Write short notes on:

(a)

Operating System

(b)

Functions of an Operating System
5.

Explain the booting process. What happens when we turn on a computer?

CHAPTER 2: AI & Robotics Basics

- Content 1:

What is Artificial Intelligence? Mention any three fields where AI is used.
- Content 2:

What is a robot? List any three real-life robots and their uses.
- Content 3:

Differentiate between Human Intelligence and Artificial Intelligence (any 3 points).
- Content 4:

List any five AI-based devices used at home or school.
- Content 5:

Write a paragraph (80–100 words) on: *"How robots are transforming healthcare or education."*

PROJECT WORK:

- Title:

Design and Describe Your Own Robot
- Create a **3D model** of a robot using waste/recycled materials OR draw it on a chart/A4 sheet.
 - Give it a name and write a **description (100–120 words)** answering:

- What task does your robot perform?
 - How is it useful to humans?
 - Does it use any AI feature (like voice commands, sensors, etc.)?

Notebook Assignment:

Complete all the above written work (Chapter 1 & Chapter 2) in your computer science notebook.
Be neat and write all answers in your own words.

SAINIK SCHOOL CHITTORGARH

SUMMER VACATION HOLIDAY HOMEWORK

SUBJECT NAME: ENGLISH

CLASS & SECTION: VII (All Sections)

SUBJECT TEACHER NAME: Shatakshi Pareek

INSTRUCTIONS:

Submission Date: All holiday homework must be neatly completed and submitted in the first week after the vacation.

Presentation Matters: Use neat handwriting, and organize your work clearly. Use a file/folder if required.

Creativity Encouraged: You are welcome to use diagrams, coloured pens, charts, or pictures to make your work more attractive and informative.

Original Work: Try to do the work independently. Avoid copying from the internet or friends.

Daily Practice: Do a little every day instead of rushing at the last moment.

ASSIGNMENT:

Content 1- Watch English movie titled “Pursuit of Happyness”. After watching, write a movie review in about 200-300 words covering the following points:

- (a) Title of the Movie
- (b) Main Characters
- (c) Setting (Where and when the story takes place)
- (d) Plot Summary (A short description of the story)
- (e) Your Favourite Scene
- (f) Message or Moral of the movie
- (g) Your Opinion – Did you like it? Why or why not?

Be creative and honest in your review. You may also draw a small poster or scene from the movie if you like.

Content 2- Notice Writing:

- (a) You are the **Head Boy/Head Girl** of your school. Your school is organizing an **Inter-House Drawing Competition** next week. Write a notice informing students about the event, including the date, time, venue, and registration details.
- (b) You are a student of Class 7-B at Sunrise Public School. You have lost your **geometry box** in the school playground during the lunch break. It is a black plastic box with your name label on it. Draft a notice to be put up on the school notice board, giving necessary details and requesting the finder to return it to you or the class teacher.
- (c) Your school is organizing a **Science Exhibition**, and students of Class 6 to 8 are invited to display their projects. As the **Class Monitor**, write a notice inviting students to register their names with the science teacher and mention the last date for submission.

Content 3- Formal Letter Writing:

- (a) You recently visited a local public park and noticed that it is poorly maintained. Write a letter to the **Municipal Commissioner** of your area, complaining about the unhygienic condition of the park and suggesting ways to improve it.
- (b) You are a student of Class 7 at Sainik School, Chittorgarh. Write a formal letter to the **Principal of your school** requesting the introduction of a **weekly “No Bag Day”** where students can participate in hands-on activities, workshops, and life skills sessions instead of carrying books. Explain the benefits for students and how it can reduce stress.
- (c) You are Neha/Neel, a resident of 45, Shastri Nagar, Jaipur. Write a letter to the **Editor of a newspaper** expressing your concern about the **increasing air pollution** in your city and suggesting steps the public and authorities can take to control it.

SAINIK SCHOOL CHITTORGARH

SUMMER VACATION HOLIDAY HOMEWORK

Life Skills and Value Education

CLASS & SECTION: VIII A, B,C SUBJECT TEACHER NAME: ASHI CHAUDHARY

INSTRUCTIONS:

1. All work should be **neatly handwritten** on A4 sheets or in the assigned notebooks, unless mentioned otherwise.

2. **Submission Date:** The **first day after the summer vacation**. No late submissions will be accepted.

3. Be sincere creative with your work — it will be evaluated.

ASSIGNMENT

1. **Diary Entry (Weekly):**

- Write a diary entry once a week on a personal experience that taught you a moral lesson. (Minimum 100 words each)

2. **Poster Making:**

- Create a poster on "*Kindness is Contagious*" or "*Unity in Diversity*".

3. **Short Essay:**

- "My Responsibility Towards the Environment"* (150–200 words)

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!

SAINIK SCHOOL CHITTORGARH

SUMMER VACATION HOLIDAY HOMEWORK 2025-26

INFORMATION

SUBJECT NAME: HINDI

CLASS & SECTION: VII – A, B, C

SUBJECT TEACHER NAME: MR ROHIT KUMAR NAMDEV

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

ASSIGNMENT

वसंत भाग 2 - बाल महाभारत कथा एवं व्याकरण

- हम पंछी उन्मुक्त गगन के पाठ का सारांश अपने शब्दों में लिखिए।
- नदियों से होने वाले लाभों के विषय में चर्चा कीजिए और इस विषय पर बीस पंक्तियों का एक अनुच्छेद लिखिए।
- भवानी प्रसाद मिश्र का जीवन परिचय लिखिए।
- पठन अभ्यास हेतु बाल महाभारत कथा को पढ़ें तथा किन्ही 5 पात्रों का चरित्र चित्रण अपने शब्दों में कीजिये।
- 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।
- तीस विलोम शब्द और तीस पर्यायवाची शब्द लिखें एवं याद करें।

PROJECT WORK:

- हिंदी के किन्ही 5 रचनाकारों का सचित्र जीवन परिचय एक चार्ट पेपर पर बनाएँ।

SAINIK SCHOOL CHITTORGARH

SUMMER VACATION HOLIDAY HOMEWORK

SUBJECT NAME : Life Skills

CLASS & SECTION: VII (All sections)

SUBJECT TEACHER NAME: Shatakshi Pareek

INSTRUCTIONS:

Submission Date: All holiday homework must be neatly completed and submitted immediately after the vacation.

Presentation Matters: Use neat handwriting, and organize your work clearly. Use a file/folder and not notebooks.

Creativity Encouraged: You are welcome to use diagrams, colored pens, charts, or pictures to make your work more attractive and informative.

Original Work: Try to do the work independently. Avoid copying from the internet or friends.

Daily Practice: Do a little every day instead of rushing at the last moment.

ASSIGNMENT : PERSONAL RESPONSIBILITY JOURNAL

Maintain a journal (in a file) for 7 days, noting one responsibility you fulfilled each day listed below and reporting what you learned or felt after completing it.

Day 1: Cleaning your room (making the bed, putting toys away, organizing books)

Day 2: Feeding an animal / pet (taking care of an animals meal for a day)

Day 3: Managing personal hygiene (brushing teeth, bathing, combing hair)

Day 4: Helping with household chores (setting the table, sorting laundry etc.)

Day 5: Learn to cook (with adult supervision, learn to make one simple dish)

Day 5: Helping siblings or younger children (showing care and leadership in small ways)

Day 6: Waking up on time (using an alarm clock and getting ready without constant reminders)

Day 7: Practicing time management (balancing playtime, chores, and homework)

INFORMATION

SUBJECT NAME:

संस्कृतम् ।

SUBJECT TEACHER NAME:

P CHANDRASEKHARAN

। संस्कृतगृहकार्याणि ।

कक्ष्या -७

प्रथमः पाठः- सुभाषितानि । श्लोकान् हिन्दीअनुवादसहितं लिखत ।

द्वितीयः पाठः- दुर्बुद्धिः विनश्यति । पाठभागः वशुद्ध एवं स्पष्टतया हिन्दी अनुवाद सहितं पुस्तिकायां लिखत ।

- पाठपुस्तकस्य व्याकरणभागात् कृ दश् वस् पिव् पच् आदीनां धातुरूपाणि लट् लृट् लङ् लोट् एवं विधिलिङ् लकारेषु लिखत ।

- पाठपुस्तकस्य व्याकरणभागात् सर्वनामशब्दानां (तत् किम् एतत् एवं मति पितृ नदी वारि आदीनां रूपाणि लिखत ।

- कक्षाकार्याणि पूर्तिं कुरुत ।

SAINIK SCHOOL CHITTORGARH

SUMMER VACATION HOLIDAY HOMEWORK

SUBJECT NAME

CLASS & SECTION: VII A , B & C

SUBJECT TEACHER NAME: MRS. PRIYA BADARIA

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

ASSIGNMENT

CHAPTER 1: NAME OF CHAPTER: INTEGERS

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

Content 2: Rita recorded the temperatures (in °C) of five cities on a winter day as follows:

City	Temperature (°C)
Shimla	-2
Delhi	5
Srinagar	-5
Mumbai	24
Jaipur	10

1. Represent the temperatures of all five cities on a number line.
2. Which city had the lowest temperature?
3. Which city had the highest temperature?
4. What is the difference in temperature between:

(a) Mumbai and Srinagar

(b) Delhi and Shimla

CHAPTER 1: NAME OF CHAPTER: FRACTIONS AND DECIMALS

Content 1: Rohan ate 3 parts out of 8 equal parts of a pizza.

1. Represent the fraction of pizza eaten by Rohan using a figure (draw a circle divided into 8 equal parts and shade 3 parts).
2. Write the fraction of pizza eaten and the fraction left.
3. Convert the fraction eaten to a decimal.

4. If the whole pizza cost ₹320, how much did Rohan's portion cost?

CHAPTER 3: **NAME OF CHAPTER: DATA HANDLING**

Content 1: During your summer vacation, conduct a survey of 10 friends or family members to find out their favourite type of ice cream (e.g., Vanilla, Chocolate, Strawberry, Mango, etc.).

1. Create a tally chart to record your data.
2. Represent the data using a bar graph.
3. Find the mode (the most preferred flavor).
4. Write 2-3 lines about what the data tells you about people's ice cream preferences.

Content 2: Write the definition of mean, median and mode with one example of each.

CHAPTER 4: **NAME OF CHAPTER: LINES AND ANGLES**

Content 1: Angles Around Us – Exploring Lines and Angles in Everyday Life”

Objective: To identify, classify, and understand different types of lines and angles from real-life objects and surroundings.

1. Write a short introduction (5–7 lines) explaining what lines and angles are.
2. Include definitions of types of angles (acute, obtuse, right, straight, reflex) and types of lines (parallel, intersecting, perpendicular).
3. Create a simple drawing (e.g., house, kite, robot) using different types of angles and lines.
4. Record the measurements, label them and classify them (e.g., 90° – right angle).

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

SAINIK SCHOOL CHITTORGARH

SUMMER VACATION HOLIDAY HOMEWORK : 2025-26

INFORMATION	
SUBJECT NAME: SCIENCE	CLASS & SECTION: VII A, VII B,& VII C
SUBJECT TEACHER NAME: BHUPENDRA BIHARI VYAS	
INSTRUCTIONS: 1 Attempt all contents of the given chapter 2. Make a project file or a separate notebook for the same	

ASSIGNMENT
CHAPTER : NUTRITION IN ORGANISMS Content 1. Introduction Content 2. Modes of Nutrition Content 3. Photosynthesis in Plants Content 4. Heterotrophic Plants Content 5. Symbiosis Content 6. Human Digestive System Content 7. Nutrition in Grass-eating Animals Content 8. Feeding & Digestion in Amoeba

SUMMER VACATION HOLIDAY HOMEWORK

SOCIAL STUDIES

CLASS – VII

HISTORY

- Q.1. Chapter-1 Tracing Changes through a Thousand Years....
(Make self - notes of the chapter, write 25 MCQs and Glossary words)
Do the work in History Notebook.

GEOGRAPHY

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

- (b) Chapter-2 Inside Our Earth
(Make self - notes of the chapter, write 25 MCQs and Glossary words)
Do the work in Geography Practical File.

CIVICS

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