

SAINIK SCHOOL CHITTORGARH

AUTUMN VACATION HOLIDAY HOMEWORK

SUBJECT NAME

CLASS & SECTION: VII

SUBJECT TEACHER NAME: MRS. PRIYA BADARIA

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

ASSIGNMENT

CHAPTER 1: Algebraic Expression

Translating Words into Algebra

Instructions: Write any five real-life situations and express each as an algebraic expression.

(Example: The cost of 5 pencils at ₹x each $\rightarrow 5x$)

CHAPTER 2: Symmetry

Write the English alphabets A to Z in your notebook. Identify and underline all letters that have a line of symmetry. Write how many lines of symmetry each of them has.

CHAPTER 3: *Visualising Solid Shapes*

Instructions:

Make a table in your notebook with the following columns:

| Solid Shape | No. of Faces | No. of Edges | No. of Vertices |

Fill the table for the following solids:

- Cube
- Cuboid
- Cylinder
- Cone
- Sphere
- Triangular Prism

Project Work:

Symmetry in Nature

- Paste or draw pictures of leaves and flowers that show symmetry.
- Mark the line of symmetry using a ruler and colored pen.

Collect pictures of 5 monuments, 2 buildings & 2 rangoli designs showing symmetry (e.g., Taj Mahal, Mandalas).

- Highlight the symmetrical part using colored sketch pens.

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

SAINIK SCHOOL CHITTORGARH

SUMMER VACATION HOLIDAY HOMEWORK

COMPUTER SCIENCE (AI & ROBOTICS)

CLASS & SECTION: VII – A,B &
C

SUBJECT TEACHER NAME: Ms Leena Sharma

- Complete all assignments and mail source files on leenasharma3678@gmail.com
- The certificate must be submitted in soft copy on above mentioned mail ID.
- Submit your work during the vacation and last day of vacation is deadline of submission.
- Marks will be given for clarity, creativity, and understanding of the topic.
- Book Reference: Computer Science Foundation, [Code Explorer 7](#)
- Project Learning Reference: <https://www.w3schools.com/>

CHAPTER 6: Introduction to HTML 5 (Code Explorer)

1. Create a web page (pg No 72)

CHAPTER 4: Advanced Presentation: Digital Storytelling (Computer Science Foundation)

2. Create a presentation on Work is Worship, by using images, sounds and formatting effects. The presentation should contain at least 10 slides. Illustrate some examples and short stories in your presentation (pg No 65)

CHAPTER 5: Word Processor: Designing Cards and Newsletters (Computer Science Foundation)

3. Open a Word Processor and write a page on one of the following topics:
 - (a) How would you like to spend time during vacation?
 - (b) Favorite Hobby

CHAPTER 3: Image Editing (Computer Science Foundation)

4. Using Snapseed a mobile photo editing app, edit the photos attached here (Pg no. 42)
https://drive.google.com/drive/folders/1qNWUv4Vig2uqjPVV8pqBzZ9JWzaV17mT?usp=drive_link
5. Create your mail ID and share the above files on my mail ID.

PROJECT WORK:

Title: Learn HTML and complete the certificate using below link (share your certificate with me on my Mail ID)

Learn with following reference: <https://www.simplilearn.com/free-html-course-for-beginners-skillup>

SAINIK SCHOOL CHITTORGARH

AUTUMN VACATION HOLIDAY HOMEWORK : 2025-26

INFORMATION

SUBJECT NAME: SCIENCE

CLASS & SECTION: VII A,B,C

SUBJECT TEACHER NAME: BHUPENDRA BIHARI VYAS

INSTRUCTIONS: Questions given are based upon HIGH ORDER THINKING SKILLS. Attempt all the questions. Prepare a separate notebook for the same.

ASSIGNMENT

1. Why are the pipes of solar heaters and the containers of solar cookers painted black?
2. Why is a room heater placed near the floor and an air conditioner near the ceiling?
3. Why are two thin sweaters or blankets warmer than one thick one?
4. Analyze the role of the diaphragm in the breathing process and its impact on lung volume and air pressure.
5. Why do people often breathe on their spectacles to clean them?
6. How do the transportation systems in plants differ from those in animals?
7. If a pitcher plant is green and performs photosynthesis, why does it feed on insects?
8. Why do farmers not add fertilizers when cultivating leguminous crops?
9. Can we call photosynthesis a chemical change? Explain.
10. What happens when an iron blade is dipped in copper sulfate solution, and what kind of change takes place?
11. How does water conservation relate to scientific principles, and why is it a societal responsibility to conserve this resource? Explain.
12. Why can't humans and animals prepare their own food like plants?
13. How does a plant survive and grow if it loses its leaves?
14. What would happen to the Earth if all green plants were wiped out?
15. Can mosquitoes, leeches, and lice be called parasites? Explain why or why not

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AUTUMN VACATION HOLIDAY HOMEWORK

SUBJECT NAME

CLASS & SECTION: VII

SUBJECT TEACHER NAME: MRS DIVYA RAO

INSTRUCTIONS: Cadets are required to do this assignment using their creativity and add relevant pictures. Home work should be done in a thin notebook. Dead line to submit the work is 07 Nov,2025

ASSIGNMENT

1. Develop a daily reading habit by spending at least 20 minute each day reading a newspaper or a storybook. To track your progress, maintain a reading log where you note down the following:
 - The date
 - The name of the book, story, or article you read
 - 2–3 new words you came across
2. Maintain a diary during the holidays and write a short entry each day, noting down the important events or interesting things that happened. You can also express your thoughts, feelings, or experiences for the day. Also write a diary entry about your happiest moment from the holidays.
3. Complete exercises of the workbook.
4. Make a 4–6 panel comic strip on any of the following:
 - A funny classroom scene
 - A superhero day at school
 - A twist on a fairy tale
5. Login to the Words Worth Language Lab (ai.wordsworthlab.com) using your User ID and password, and complete assignment numbers 1, 2,5,7,8,9,10,11,13,19. Refer to the module for guidance, and submit the assignments after completion.

(Login instructions:

Open Google Chrome> ai.wordsworthlab.com> user id(name@sainik sc)>password>login)

SAINIK SCHOOL CHITTORGARH

AUTUMN VACATION HOLIDAY HOMEWORK

SUBJECT NAME : SANSKRIT

CLASS & SECTION: VII

SUBJECT TEACHER NAME: P CHANDRASEKHARAN

INSTRUCTIONS:- सर्वेषां प्रश्नानां उत्तराणि करणीयानि ।

ASSIGNMENT

1. किम् (तीनों लिंगों में) मातृ पितृ नदी एवं मति आदीनां रूपाणि हिन्दी शब्दार्थसहितं लिखत ।
 2. पठित पाठेभ्यः विभिन्न लकारेषु विद्यमानानां वाक्यानां चयनं कृत्वा लिखत । (पठित पाठभागों में से लट् लृट् लङ् लोट् विधिलिङ्ग) में प्रयुक्त वाक्यों को चुन कर लिखिए । प्रत्येक लकार में कम से कम पांच पांच वाक्य अनिवार्य है ।
 3. एतत् तत् किम् शब्द रूपाणि अधिकृत्य न्यूनातिन्यूनं पंचविंशति वाक्यानि लिखत ।।
 4. सदाचारः पाठः हिन्दी अनुवाद सहितं लिखत ।
 5. किमपि विषयमधिकृत्यं दशवाक्यानि लिखत ।
- कक्ष्याकार्याणि पूर्तिं कुरुत ।

SAINIK SCHOOL CHITTORGARH

AUTUMN VACATION HOLIDAY HOMEWORK

SUBJECT NAME – SOCIAL SCIENCE

CLASS & SECTION: VIIA,B,C

SUBJECT TEACHER NAME: VIKAS CHOUBEY

INSTRUCTIONS:

1. *Make a separate notebook for holiday homework.*
2. *All Questions are compulsory.*
3. *Use plane sheet and scrap book wherever required.*

ASSIGNMENT

1. Travel Brochure of a Historical Place

Design a colorful brochure about any monument in any place Rajasthan/India (like Chittorgarh Fort, Red Fort, Taj Mahal, etc.) including history, location, and tourist importance.

2. Timeline Project

Prepare a timeline (chart/strip) of 10 important events in Medieval Indian history and illustrate with small pictures or drawings.

3. Current Affairs Scrapbook

Make a one-page scrapbook of 5 recent news headlines (national & international). Add your short opinion on why each news is important.

4. Community Helper Report

Interview a shopkeeper, farmer, or soldier about their daily life. Write a short report (1 page).

5. Poster on Social Issues

Prepare a poster on "Save Water", "Ban Plastic", or "Importance of Cleanliness". Use slogans and drawings.

SAINIK SCHOOL CHITTORGARH

AUTUMN VACATION HOLIDAY HOMEWORK

SUBJECT NAME: LIFE SKILLS & VALUE EDUCATION	
CLASS & SECTION: VII (All Sections)	SUBJECT TEACHER NAME: Pratibha Bishnoi

INSTRUCTIONS:

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

Presentation Matters: Use neat handwriting/typing 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:
<p>Content 1 – Person You Admire Write about a person you admire the most and the values you learn from them. Write in detail about why you admire them, what qualities you find inspiring, and how those values can guide your life.</p> <p>Content 2 – Daily Diary Maintain a Daily Diary during the vacation. Write at least 10 entries (one for each day of the holidays). Each entry should include:</p> <ul style="list-style-type: none">(a) Date(b) What I did today(c) What I learned today(d) How I felt today <p>Be creative and honest in your writing. You may also decorate your diary with drawings, stickers, or colourful borders.</p>

SAINIK SCHOOL CHITTORGARH

AUTUMN VACATION HOLIDAY HOMEWORK

INFORMATION

SUBJECT NAME: HINDI

CLASS & SECTION: VII – A, B, C

SUBJECT TEACHER NAME: ROHIT KUMAR NAMDEV

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

ASSIGNMENT

वसंत भाग 2 - बाल महाभारत कथा एवं व्याकरण

प्रश्न 1. अपनी पाठ्य पुस्तक "वसंत" पर आधारित कविता 'शाम - एक किसान' का सारांश अपने शब्दों में लिखिए।

प्रश्न 2. "बाल महाभारत कथा" पुस्तक के माध्यम से पितामह भीष्म, गुरु द्रोणाचार्य, कर्ण एवं श्री कृष्ण का चरित्र चित्रण कीजिए।

प्रश्न 3. राष्ट्रीय त्योहारों के बारे में अपने विचारों को लगभग 400 शब्दों में व्यक्त कीजिए।

प्रश्न 4. सर्वनाम की परिभाषा एवं भेदों को उदाहरण सहित लिखिए।

प्रश्न 5. दो औपचारिक एवं दो अनौपचारिक पत्र लिखिए।