

Ramjas International School

Summer Holidays Homework 2026-27

Class IX

🌿 Eco-Friendly Submission Appeal

Dear Students & Parents,

Avoid using plastic, thermocol, or any non-biodegradable materials for Holiday Homework.

Use only eco-friendly options like paper folders or recycled sheets.

Work submitted in non-biodegradable materials or lamination will not be accepted.

Also, make the most of your holidays—travel, explore, learn new things, and spend quality time with your family.

Let's act responsibly for a greener future. 🌱

	ENGLISH						
	<p>General Instructions:</p> <ul style="list-style-type: none"> All work must be done neatly in a dedicated project file/folder — labelled with your name, class, section, and roll number. (Avoid Plastic folders) Handwritten tasks must be completed in blue or black ink. Pencil may be used only for illustrations and diagrams. All assignments must be original. The homework will be assessed for Content, Language, Creativity, Neatness, and Presentation. Tasks marked as 'handwritten' must NOT be typed or printed. Late submissions will not be accepted without a valid reason supported by a parent's note. <p>A. Error Spotting Scrapbook</p> <p>Overview</p> <p>Language is alive — and mistakes are everywhere! In this assignment, you will become a grammar detective and collect real-life examples of grammatical errors from the world around you.</p> <p>What You Need to Do</p> <ul style="list-style-type: none"> Collect 10 sentences containing grammatical errors from any of the following sources: <i>Newspapers Hoardings & Signboards Social Media Posts Packaging & Labels Menus</i> For EACH sentence, you must provide all three of the following: <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <thead> <tr style="background-color: #ADD8E6;"> <th style="width: 33%; padding: 5px;">1. Incorrect Sentence</th> <th style="width: 33%; padding: 5px;">2. Error Identified</th> <th style="width: 33%; padding: 5px;">3. Corrected Version</th> </tr> </thead> <tbody> <tr> <td style="background-color: #ADD8E6; padding: 5px; vertical-align: top;"> <p><i>Write the sentence exactly as you found it.</i></p> </td> <td style="background-color: #FFDAB9; padding: 5px; vertical-align: top;"> <p><i>Name the type of grammatical error (e.g., subject-verb agreement, article usage, tense error, spelling, punctuation).</i></p> </td> <td style="background-color: #D9F7D9; padding: 5px; vertical-align: top;"> <p><i>Rewrite the sentence correctly.</i></p> </td> </tr> </tbody> </table>	1. Incorrect Sentence	2. Error Identified	3. Corrected Version	<p><i>Write the sentence exactly as you found it.</i></p>	<p><i>Name the type of grammatical error (e.g., subject-verb agreement, article usage, tense error, spelling, punctuation).</i></p>	<p><i>Rewrite the sentence correctly.</i></p>
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<p><i>Write the sentence exactly as you found it.</i></p>	<p><i>Name the type of grammatical error (e.g., subject-verb agreement, article usage, tense error, spelling, punctuation).</i></p>	<p><i>Rewrite the sentence correctly.</i></p>					

Format & Presentation

- Use an A4 scrapbook, project file, or ruled notebook — clearly divided into 10 entries.
- Each entry must have a clear border or divider separating it from the next.
- If possible, paste a photograph or cutting of the original error source alongside the entry.
- Label each entry: Entry 1, Entry 2 ... Entry 10.
- Use two colours: one for the error, one for the correction.

Tips :

- Keep your phone camera ready — hoardings, shop signs, and menus are goldmines for errors!
- Common error types to look for: wrong articles (a/an/the), incorrect tense, spelling mistakes, missing commas, wrong prepositions, subject-verb disagreement.
- Write the source of each sentence — e.g., 'Hoarding near XYZ market' or 'Instagram post, June 2026'.

B. My Summer Newspaper — One Edition

Overview

Every neighbourhood has stories waiting to be told. In this assignment, you will step into the shoes of an editor and create a single hand-drawn newspaper edition capturing the life, events, and flavour of your vacation and home neighbourhood.

Newspaper Requirements

- Format: One A3 sheet (42 cm x 29.7 cm), hand-drawn and hand-written. Landscape or portrait orientation — your choice.
- Your newspaper **MUST** include all of the following sections:

Section	What to Include
Masthead	Newspaper name + tagline + date + place (e.g., 'The Sunshine Times — Stories from the Heart of Our Lane')
Local News	A short news report about something that happened in your neighbourhood or hometown during the vacation (real or lightly fictionalised).
Weather Report	A hand-drawn weather forecast for your city/village for the week — include a simple illustrated weather map or chart.
Sports Column	A short write-up about a sport or game you played or watched during the holidays — scores, highlights, commentary.
Recipe Corner	A step-by-step recipe of a dish you made or enjoyed at home — written in how-to format.
Cartoon Strip	A minimum 3-panel hand-drawn cartoon — funny, social, or editorial — with captions.
Letter to the Editor	A formal letter addressed to the editor on a neighbourhood issue you care about — drainage, stray dogs, a new park, anything real.

Key Rules

1. The layout must be in columns — at least two columns — mimicking an actual newspaper.
2. Headlines must be in block letters / bold hand-lettering, larger than body text.
3. Include at least ONE hand-drawn 'photograph' (an illustration representing a news image).
4. Must include at least 4 different writing formats: news report, opinion/letter, recipe/how-to, cartoon caption.
5. Give the newspaper a creative name and a tagline.

C.

Song Dissection

Overview

Great songs are great literature. In this task, you will listen to a song you genuinely love and analyse it the way a literature student would — looking for rhyme schemes, literary devices, and deeper meaning beneath the words.

Step-by-Step Instructions

1	CHOOSE: Pick one English song you genuinely enjoy. It must have meaningful lyrics (avoid purely instrumental tracks). Write the song title and artist at the top of your page.
2	TRANSCRIBE: Listen to the song carefully and write out the full lyrics by hand. Do NOT copy-paste or print. The effort of listening and writing is the learning. You may listen multiple times.
3	ANNOTATE — Literary Devices (Colour 1): Using your first annotation colour, mark and label the following wherever they appear: • Rhyme Scheme — label end rhymes (ABAB, AABB, etc.) • Metaphor — underline and label • Simile — underline and label • Personification — bracket and label • Repetition / Refrain — circle • Alliteration — highlight or box
4	ANNOTATE — Vocabulary (Colour 2): Using your second annotation colour, box any words or phrases that are unfamiliar, unusual, or interesting. Write their meanings in the margin.
5	FINAL PARAGRAPH: On a separate page or section, write a short paragraph (100–120 words) covering: • What is the song really about? (Theme) • What is the overall mood or emotion it creates? (Mood) • Which single line do you find most powerful — and why?

Important Rules

- Lyrics MUST be handwritten — no typing, no printing.
- Use exactly two annotation colours — one for literary devices, one for vocabulary. State clearly which colour is which at the top of your annotated page.
- The final paragraph must be your own words — not a Wikipedia or Google summary of the song.
- Songs with explicit or inappropriate content are not permitted. When in doubt, check with your teacher.

D.

School Magazine — SANCHITA

SANCHITA - School Magazine: Class IX

Theme: Mind and Heart

"Building Intelligence with Empathy"

Sub-Theme: Emotional Intelligence & Well-Being

This year's edition of SANCHITA invites students to reflect on the most important conversations of our time — the ones we have with ourselves. You will contribute one piece of writing to the magazine on the theme of Mind and Heart.

Topic Options

Choose ONE topic from either list below. Your choice should be genuine — write about something you feel connected to.

Category 1 — Creative Writing (Prose / Poetry)

- The Weight of Expectations
- Stronger Than Yesterday
- Silent Battles
- The Light After Darkness
- Voices in My Mind
- Resilience
- A Heart That Heals
- Not Alone
- When the Mind Speaks
- The Courage to Begin Again

Represent the topics through:

1. Drawing - painting, sketching, caricature, doodling and other suitable mediums

2. Written Word: Article, story, one - act play, quiz, slogans, comic strips, letters, connection with pen pals, to name a few.

3. Think out of the box and be as creative as possible.

Category 2 — Article / Essay

- Mental Health Awareness Among Teenagers
- Coping with Academic Stress
- The Pressure to Succeed
- Building Resilience in Challenging Times
- Why It Is Okay to Ask for Help
- The Impact of Social Media on Mental Health
- Stress Management Techniques for Students
- Breaking the Stigma Around Mental Health
- Balancing Studies, Hobbies and Relationships
- The Importance of Self-Care
- Peer Pressure and Emotional Wellbeing
- How Schools Can Support Student Mental Health

A Note from the Editorial Team

SANCHITA has always been a space where student voices matter. This year, we invite you to write with honesty and courage. Mental health is not a weakness — it is human. Your words may be exactly what a classmate, a friend, or even a stranger needs to read. Write from the heart. Write to be understood. Write to understand yourself.

-The SANCHITA Editorial Team

HINDI	
1.	1. निम्न बिंदुओं को ध्यान में रखते हुए 'मैं और मेरा देश' पाठ के आधार पर परियोजना कार्य तैयार करें। 1. मेरी पहचान, मेरा अभिमान 2. मेरा कर्तव्य: एक छात्र के रूप 3. मेरा सपनों का भारत 4. मेरा योगदान
2.	चित्र वर्णन छुट्टियों में आप कहीं- न-कहीं घूमने जाते हैं और वहां पर चित्र/फोटो भी खींचते हैं। उनमें से किन्हीं 5 चित्रों का प्रिंट आउट A4 शीट पर चिपकाएं और लगभग 50-60 शब्दों में उसका वर्णन करें।
3.	संवाद लेखन • अपने माता-पिता से उनके बचपन के बारे में बात कीजिए कि जब वे छोटे थे, तब उनके सपने क्या थे ? और इस बातचीत को संवाद रूप में लिखें। • छुट्टियों में अपना कोई एक मनपसंद खाना बनाना सीखें। उसे बनाने की रेसिपी मां से पूछें और इस संदर्भ में हुई अपनी बातचीत को संवाद रूप में लिखें। • अपने दूर रहने वाले रिश्तेदारों/ दादा-दादी/ नाना- नानी से फोन पर उनका हाल चाल पूछिए और फिर उस बातचीत को संवाद रूप में लिखिए।

MATHS

Format: Ruled A4 Assignment Sheets (to be submitted in a folder)

Part 1: Creative Project – "The World on a Grid"

In this task, you are the lead architect of **Geometry City**. You will use the Cartesian plane to map out the city's essential services.

Instructions:

- Grid Setup:** Use a standard piece of graph paper. Draw a clear X-axis and Y-axis. Label the **Origin (0, 0)** as the "Clock Tower."
- Landmark Placement:** Plot and label the following buildings at their specific "addresses":
 - **Police Station:** (5, 2)
 - **Fire Station:** (-4, 3)
 - **Public Library:** (-6, -2)
 - **Community Pool:** (3, -5)
 - **Metro Station:** (0, -3)
 - **Post Office:** (4, 0)
- The Record:** On a separate sheet, create a table listing each landmark, its coordinates, and which **Quadrant** or **Axis** it lies on.

Part 2: NCERT Practice Work

To build a strong foundation for your upcoming **Unit Test 1 (UT1)**, complete all exercises of NCERT for the following chapters.

- Polynomials**
- Algebraic Identities**
- Coordinate Geometry**

Important Guidelines for Practice:

- **Show All Work:** Do not provide only the final answer. Each problem must include the logical steps and formulas used.
- **Neatness:** Use a ruler for any diagrams or tables.
- **UT1 Preparation:** Note that the syllabus for your first Unit Test covers

1) Polynomials

2) Coordinate Geometry.

SCIENCE

1. DIY Flashcards

Task: Make two flashcards each on A4 size sheet as per the topic given:

	<p>Roll no- 1-5 - Plant cell and Animal cell</p> <p>Roll no- 6-10 - Nucleus and mitochondria</p> <p>Roll no- 11-15 - Cell division : Mitosis and meiosis</p> <p>Roll no 16-20 - Endoplasmic Reticulum (smooth and Rough)</p> <p>Roll no- 21-25- Prokaryotic and Eukaryotic cell</p> <p>Roll no-26-30- Golgi Apparatus and vacuole</p> <p>Roll 30 onwards- Osmosis (hypertonic, hypotonic and isotonic)</p>
2.	<p>Construct one or more simple machines, or a combination of them (lever, pulley and inclined plane) using easily available materials, such as cardboard, wooden strips or rulers, pencils or bolts (to act as a fulcrum) thread or rope, small pulleys (or two bottle caps stuck together), and paper cups to hold small weights. Be imaginative in your design. Use your model to lift or move a small load. Also prepare writeup explaining the concept on A4 size sheet</p>
3.	<p>Science Around Me” Photo Project 📷</p> <p>Task: Click/draw 5 pictures showing science</p> <p>For Examples:</p> <p>Rusting gate → chemical change</p> <p>Steam from tea → evaporation</p> <p>Moving fan → motion</p> <p>Make a collage on A3 size sheet. Paste pictures and explain the same showing your creativity.</p>
4.	<p>Revise the chapters for UT 1 assessment-</p> <p>Lesson 2: Cell: the building block of life</p> <p>Lesson 4: Describing motion</p> <p>Your work will be assessed on the basis of handwriting, presentation, neatness and timely submission.</p>

SOCIAL SCIENCE	
	<p><u>PART A- Subject Exploration Project</u></p>
	<p>General Instructions</p> <ul style="list-style-type: none"> • This project must be done individually by each student. • Each student will work on only one subject/topic according to the roll numbers given below. • The project should be prepared on A4 size sheets. • Maintain neat handwriting, clear headings, and proper presentation. • Students may include diagrams, maps, drawings, or pictures to make the project more interesting.

- The work should be **original and written in your own words.**

Topic Distribution According to Roll Numbers

- **Roll No. 1 – 10 : Geography Project**
- **Roll No. 11 – 20 : History Project**
- **Roll No. 21 onwards : Political Science Project**

1.

GEOGRAPHY- Only for students with Roll no.s 1 to 10

Theme: “Forces of Nature: Shaping the Earth’s Surface

The Earth’s surface is constantly changing due to natural processes. One important process is **gradation**, which includes erosion, transportation, and deposition of materials. Natural forces such as rivers, wind, glaciers, sea waves, and underground water slowly shape the landforms of the Earth.

For example, rivers can create landforms such as **Delta** and **Valley**.

Task for Students

Choose **one agent of erosion** and research how it shapes the Earth’s surface.

Choose one from the following:

River , Wind , Glacier , Sea Waves

Research Questions

Answer the following questions in your project:

1. Which agent of gradation did you choose?
2. What is this agent and how does it work?
3. What natural forces help this agent shape the land?

Creative Section

Add **one creative page** to your project based on below:

- Draw a diagram showing how your selected agent shapes landforms.
- Create a “Did You Know?” section with **3 interesting facts**.
- Make a small **map showing where this agent is most active in the world**.

2.

HISTORY- Only for students with Roll no.s 11 to 20

Theme: “Journey of Early Humans: From Survival to Civilization”

Introduction

Human history began millions of years ago when the first human ancestors appeared on Earth. Over time, humans developed skills such as making tools, controlling fire, and living in groups. These developments helped them survive and slowly led to the beginning of civilisation.

Archaeologists study fossils, stone tools, and cave paintings to understand early human life. For example, early humans during the **Palaeolithic Age** used simple stone tools and lived as hunter-gatherers.

Task for Students

Choose **one topic related to early humans** and research how it helped shape early human life and civilisation.

Choose one from the following:

- Human ancestors
- Stone tools used by early humans
- Life of hunter-gatherers
- Discovery and use of fire

Research Questions

1. Which topic did you choose?
2. What is this topic and why is it important in early human history?
3. How did it help early humans survive and develop their culture?

Creative Section

Add **creative section in your project based on below:**

- **Draw a diagram or timeline** showing stages of human evolution.
- **Create a “Did You Know?” section** with 3 interesting facts about early humans.
- **Draw or paste pictures of early human tools or cave paintings.**

3.

POLITICAL SCIENCE- Only for students with Roll no. 21 and onwards

Theme: “Democracy: From Ideas to Practice”

Introduction

Democracy is a system of government in which people have the power to choose their leaders. In a democratic country, citizens participate in decision-making directly or through elected representatives. Democracy ensures equality, freedom, and justice for all citizens.

India is known as the world’s largest democracy. The democratic system in India was established with the adoption of the **Constitution of India**, which guarantees rights and responsibilities to every citizen.

Task for Students

Choose **one aspect of democracy** and research how it works in India and around the world.

Choose one from the following:

- Meaning and features of democracy
- Roots of democracy in India
- Challenges to democracy in India
- Democratic systems in the world

Research Questions

Answer the following questions in your project:

1. Which topic related to democracy did you choose?
2. What are the main features of a democratic system?
3. What challenges does democracy face today?

Creative Section

Add **one creative section in your project based on below:**

- **Draw a flowchart** showing how a democratic government works (citizens → elections → government).
- **Create a “Did You Know?” section** with 3 interesting facts about democracy.
- **Make a small world map** and mark **three democratic countries**.

Part B: Write up activity

Theme: Gaja-Lok: Elephants in Culture

Elephants have held a special place in India’s cultural landscape as symbols of wisdom, strength, and divinity. They are closely associated with traditions, festivals, religion, and art. From ancient times to the present, elephants have been an integral part of our heritage.

Write in about 100 words (A4 sheet) on any one of the following:

-Elephants and their role in Indian history

-Manuscripts, books, songs, stories and myths linked with elephants

- Elephants in religion, art and architecture (e.g., association with Lord Ganesha)
- Depiction of elephants in crafts, textiles, currency, etc.
- Role of elephants in festivals and living traditions (e.g., Thrissur Pooram)

You should **accompany your write-up with a personally clicked photograph or a sketch/painting of elephants** in culture.

Part C: Animal and bird feeding activity

“Every action is important and every deed is vital...”

“Birds and Animals need our help way more in the summer months than at any other time during the year”. So, let’s join hands and save them.

All students must provide water to birds and stray dogs on terraces and streets (or wherever possible).

Also, reach out to their help howsoever possible through food, shelter etc.

Revise for UT1- Students should revise all the chapters covered in class for Unit Test 1 (UT–1). Focus on understanding key concepts, important terms, and practice questions to prepare well for the test.

Note: Your work will be assessed on the basis of handwriting, presentation, neatness and timely submission.

ARTIFICIAL INTELLIGENCE

Create a Python script file (.py) and save all your answers in it. Alternately, work on Google colab with your gmail id and share the link when asked. For each task, write a comment/text explaining what the code does.

1. Calculate the Sum of a List of Numbers: Write a program that takes a list of numbers as input from the user and calculates the sum of the numbers. Hint: Use a loop to iterate over the list and add the numbers.
2. Check if a Number is Even or Odd: Write a program that takes a number as input from the user and checks whether the number is even or odd. Print an appropriate message. Hint: Use the modulo operator (%) to check for even and odd numbers.
3. Create a Basic Calculator: Write a program that asks the user to enter two numbers and a mathematical operation (+, -, *, /). Perform the operation on the numbers and print the result. Hint: Use conditional statements to handle different operations.
4. Find the Largest Number in a List: Write a program that takes a list of numbers as input from the user and finds the largest number in the list. Hint: Use a loop to iterate through the list and compare each number.

	<p>5. Create a Function to Check if a Number is Prime: Write a function named is prime() that takes a number as input and returns True if the number is prime and False otherwise. Hint: A prime number is divisible only by 1 and itself.</p> <p>6. Print a Pattern Using Nested Loops: Write a program that uses nested loops to print the following pattern</p> <pre> * * * * * * * * * * * </pre> <p>7. Do the 24 programs given in the book from Page 433 onwards.</p> <p>Submit the Google Colab notebook link in the google form https://forms.gle/Ap4XdpsVcjlw99rmk9</p> <p>Do not forget to give the access with viewer rights</p>
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ART	
	<p>Visit and Study any pre-colonial painting styles at National gallery of Modern Art, New Delhi -</p> <ul style="list-style-type: none"> • Mughal Painting • Rajput Painting • Pahari Painting • Madhubani / Folk Art <p>Write about:</p> <p>1. Origin and region, key features (colors, themes, techniques), famous subjects (nature, mythology, court life, etc.)</p> <ul style="list-style-type: none"> • Composition Painting (A3 Sheet) • Create a painting inspired by any one • (Medium- Poster colours / watercolours) <p>2. Study of Motif Design used during that time.</p> <p>Draw and color 5 traditional motifs:</p> <p>Lotus, peacock, elephant, floral patterns, borders, etc</p> <p>3.</p> <p>Write a short reflection about your visit to NGMA (1–2 pages):</p> <p>*What kind of paintings you saw.</p> <p>*Which style inspired you the most and why</p> <p>4. *What you learned about Indian heritage through art.</p>

5.	<p>You may also make a mini art journal with sketches of traditional elements OR Create a bookmark or greeting card using pre-colonial designs.</p> <p>Write a short paragraph: “If I were a painter in ancient India...”</p>
MUSIC	
<ol style="list-style-type: none"> 1. 2. 3. 4. 	<p>Instrument Making (Best Out of Waste): Design a musical instrument using recycled materials (e.g., guitars from cardboard, tabla/dhol using tin cans or plastic bottles)</p> <p>Learn and perform two community or folk songs</p> <p>Research & Creative Writing: Research different folk dances, their states, and paste images. Alternatively, create a poem inspired by music.(Scrap book)</p> <p>Complete Your Music Notebook for Viva.</p>