



Homework for Summer Vacation (2026-27)

General Instructions:

- Activities / Project work should be done as per the instructions. Given subject wise. (Use A3/A4 size sheets for activities)
- Holiday Homework will be assessed as Subject Enrichment Activity (SEA). Make sure that you complete the assigned Holiday Homework in homework copy (Subject wise) and submit it on time.
- Neatness and presentation are common parameters for most of the activities assigned. Please maintain the quality of work done.
- Holiday Homework should be submitted latest by 3rd July 2026. It must be labelled properly with the name, class and roll number of the child.
- Originality of the work will be appreciated.
- Encourage your ward to converse in English as a regular practice during holidays to enhance communication.

NOTICE FOR SUMMER VACATION

(For Class IX to XII)

- 1- Summer Holidays- 25/05/2026 to 18/06/2026
- 2- School Re-opens on- 19/06/2026 (Friday)
- 3- Timing on 19/06/2026- 8:00 am to 12: 45 pm
- 4- Completing Holiday Homework is mandatory for all students.
- 5- 1st PTM- On 24/05/2026 (Sunday)
Timing- 9:00 am to 12:00 noon.

Class – IX

Subject	Contents
Hindi	1. गंगा पुस्तक के गद्य खंड से पृष्ठ संख्या -19,20, 21 तथा 22 पर दिए गए अभ्यास क्रमशः - 'कहानी का सौंदर्य', 'कहानी का समय और समाज' तथा 'हमारी धरोहर और संस्कृति' (अभ्यास-१ और २) हल करें। 2. गंगा पुस्तक के काव्य खंड से पृष्ठ संख्या-149 और 150 से 'कविता की कुछ अन्य विशेषताएँ' और 'व्याकरण की बात' अभ्यास हल करें। 3. अपठित गद्यांश से कोई २ गद्यांश हल करें। नोट - ये सभी कार्य हिन्दी की कॉपी में सुंदर लिखावट के साथ प्रस्तुत करें।

<p style="text-align: center;">English</p>	<p>1. Tenses</p> <ul style="list-style-type: none"> • Write the rules and structure of: • Present Indefinite Tense • Past Indefinite Tense • Future Indefinite Tense • Make 5 sentences of each tense. 	<p>2. Determiners</p> <ul style="list-style-type: none"> • Write the definition of Determiners. • Explain: • Articles (a, an, the) • Demonstratives (this, that, these, those) • Make 10 sentences using determiners.
	<p>3. Application Writing</p> <ul style="list-style-type: none"> • Write applications on: • Sick Leave • Fee Concession 	
	<p>5. Handwriting Work</p> <ul style="list-style-type: none"> • Write one page daily in neat handwriting. • Write paragraphs on: • Importance of Discipline 	
<p style="text-align: center;">Mathematics</p>	<ol style="list-style-type: none"> 1. Define the coordinate axes. 2. Define the quadrant and sign with figures. 3. Solve question number 1 (i,ii, iii, iv) from exercise 1.1 (NCERT). 4. Write the definition of rational number and irrational number with examples. 5. How many rational numbers between two numbers. 6. Find five rational numbers between $\frac{3}{5}$ and $\frac{2}{3}$. 7. Express 0.9999... as a fraction in simplest form. 8. Find four irrational numbers between 0.5 and 0.55. 9. Represent the number $\sqrt{5}$ on the real line. 10. If $x = 9 - 4\sqrt{5}$, find the value of $x^2 + \frac{1}{x^2}$ 11. Solve questions 3(iii), 5(iii), 16,17,18, 20,21,22,23,24,25 from RS Aggarwal (page no.99 to 101) 	
<p style="text-align: center;">Physics</p>	<ol style="list-style-type: none"> 1. A particle is moving up an inclined plane. Its velocity changes from 25m/s to 10m/s in 5 seconds. What is its acceleration? 2. The velocity changes from 35m/s to 60m/s in 3 seconds. What is its acceleration? 3. A body covered a distance of 4 metre along a semicircular path. Calculate the magnitude of displacement of the body, and the ratio of distance to displacement? 4. A particle moving with an initial velocity of 8m/s is subjected to a uniform acceleration of 2.5m/s². Find the displacement in the next 4 sec. 5. A train is travelling at a speed of 40 km/ h. Brakes are applied so as to produce a uniform acceleration of -0.5 m/s^2. Find how far the train will go before it is brought to rest. 6. A Truck covers 90km at a uniform speed of 30km/hr. what should be its speed for the next 120km if the average speed for the entire journey is 60km/h? 7. A stone is thrown in a vertically upward direction with a velocity of 15 m/s. If the acceleration of the stone during its motion is 8m/s² in the downward direction, what will be the height attained by the stone and how much time will it take to reach there? 8. A person goes to market, makes purchases and comes back at a constant slower speed. Draw displacement- time and velocity time graphs of the person? 9. Rahul runs for 8 min. at a uniform speed 5 km/h. At what speed should he run for 10-Draw and write about all types of motion on black chart paper 	
<p style="text-align: center;">Chemistry</p>	<ol style="list-style-type: none"> 1-Differentiate between pure substance and mixture. 2-Write any three characteristics of a true solution. 3-Explain the properties of colloidal solutions. 4-What are suspensions? Write their properties. 5-Differentiate between: 	

	<p>a) True solution and colloid b) Colloid and suspension</p> <p>6-Explain the term "concentration of solution."</p> <p>7-Define:</p> <p>a) Dilute solution b) Concentrated solution c) Unsaturated solution</p> <p>d) Saturated solution e) Tyndal effect</p> <p>8 a)-Make a periodic table model or chart & learn the elements name from atomic number 1 to 30</p> <p>b) Prepare a chart showing tyndal effect in different solution.</p>
Biology	<p>A. Make a 3D model of</p> <p>1. Animal cell and plant cell 2. Explanation of chromosomes from nucleus</p> <p>3. Epithelial tissue and its types 4. Working model of neuron cell</p> <p>5. Life cycle of butterfly</p> <p>B. Solve HOTS questions and MCQ questions of cell chapter.</p>
Social science	<p>1. India - Size & Location: Locate states, capitals, Tropic of Cancer, and neighboring countries on an outline map.</p> <p>2. Maintain a Daily News Journal for national and international events, particularly looking for environmental or political news.</p> <p>3. Geography: Create a scrapbook on different soil types, climate variations, or wildlife conservation in India.</p> <p>4. Democracy Case Study: Create a project on "What is Democracy? Why Democracy?" highlighting features with examples from different countries.</p> <p>5. General Guidelines: Projects should be handwritten, creative, and neatly presented on A4 sheets. Use relevant images, maps, and data to support your assignments.</p>
Computer	<p>Part A- Draw and label the following diagrams: Block Diagram of Computer System, Keyboard, CPU Cabinet, Types of Memory</p> <p>Part B- Activity Work Paste pictures of any 5 input devices and write their uses. Paste pictures of any 5 output devices and write their uses. Make a chart showing "Types of Software". Visit a computer lab or cybercafé and write 5 observations about the computer systems used there.</p> <p>Part C - Project Work Topic: "Uses of Computers in Daily Life" Write about the use of computers in: Education, Banking, Hospitals, Railway Reservation, Entertainment, Add related pictures.</p> <p>Learning Task Write 10 important terms from the chapter and learn their definitions. Example: Hardware, Software, CPU, RAM, ROM, Memory, Input Device, Output Device, Operating System, Storage Device</p>