St. Edmund's School

Sector-5, Jawahar Nagar, Jaipur. Ph # 0141-2651084, 2653256
Website : www.edmunds.ac.in / *Email :* helpdesk@edmunds.ac.in

Holiday Home Work-2025
Std.-IX

Subjects	Homework
English (184)	1. **Portfolio (File with A4 size sheets)** – Write Self Introduction in about 100 words. - Compose a creative poem (at least 8 lines) or a story of 150-180 words on the theme determination, dedication, perseverance. Illustrate it with hand drawn or digital pictures. - Depict the life/achievements of Dr. A P.J. Abdul Kalam in about 120 words. 2. **A chart** to display famous authors, poets, and playwrights with their portraits, famous quotes, and key works. Add a "Did You Know?" section with fun facts about each writer. 3. Complete 2nd and 3rd holiday Assignment from the booklet of Evergreen.
Hindi (002)	प्रश्न 1 अर्थ के आधार पर वाक्य के भेद को रचनात्मकता के साथ चार्ट पर प्रस्तुत करें। (A4 आकार के चार्ट का प्रयोग करें।) प्रश्न 2 ' कबीर की वाणी - सत्य की राह ' इस पंक्ति की सार्थकता को स्पष्ट करते हुए कबीर दास जी के जीवन पर प्रकाश डालिए। (A3 आकार के चार्ट का प्रयोग करें।) प्रश्न 3 घर में उपलब्ध पत्रिकाओं एवं समाचार पत्रों को नियमित रूप से पढ़ें एवं नवीन शब्दों का अर्थ खोज कर लिखें। लगभग 50 नवीन शब्दार्थ हिन्दी उत्तर पुस्तिका में लिखे। प्रश्न 4 कबीर की पांच साखियों को लय के साथ स्मरण करें एवं कक्षा में उसकी प्रस्तुति दें। **हिन्दी पोर्टफोलियो कार्य** निर्देश: ●नीचे दिए गए कार्यों को अपने पोर्टफोलियो में सुंदर लेखन व चित्रों सहित सजाकर प्रस्तुत करें।(A4 आकार के चार्ट का प्रयोग करें।) ● मुख पृष्ठ (कवर पेज) को रचनात्मकता प्रदान कर उस पर निम्न जानकारियां अवश्य रूप से लिखें - विद्यालय का नाम सत्र कक्षा विद्यार्थी का नाम शिक्षिका का नाम

	1 "ल्हासा की ओर" (यात्रा वृतांत) पाठ के आधार पर आप भी ग्रीष्म अवकाश के दौरान की गई यात्रा का वर्णन आकर्षक तरीके से करें । आप वहां के चित्रों को एलबम के रूप में प्रस्तुत कर सकते हैं। 2 महान कथा सम्राट मुंशी प्रेमचंद जी के व्यक्तित्व एवं कृतित्व का सचित्र वर्णन करते हुए 'दो बैलों की कथा' का मूल सार लिखे तथा अपनी कल्पना के आधार पर एक कहानी लिखें , जिसमें शोषण के विरुद्ध आवाज उठाई गई हो । (A 4 शीट का प्रयोग करे)

Mathematics (041)	• Construct a square root spiral on A3 size sheet.
	• Prepare Maths formula file of all chapters.
	• Prepare a portfolio file on any given topic of your choice.(to be done in A4 size sheets)
	
	  Topics :
	
	  Number System
	  Coordinate geometry
	  Linear equation
	• Lab manual : Activity - 1, 2 and 10

Science (086)	1. **Portfolio Work (To be done in light pink A4 size sheets)** (MIND MAP/CONCEPT MAP -Mind mapping is simply a diagram used to visually represent or outline information. It is a powerful graphic technique you can use to translate what is in your mind into a visual picture. Since mind mapping works like a brain, it allows you to organize and understand information faster and better). Read and understand the chapter**(Health & Diseases/why do you fall ill**) carefully, choose any topic, categorize and organize the ideas you have brainstormed, and identify their relationships. Use a single page or space and place information and check its connections. Use colors, images and keywords as they aid in enhancing your memory and retention. 2. **Lab Manual Work** Experiment no. 6 (Determination of the melting point of ice and boiling point of water.) 3. **Physics** **Instructions** Complete the given work on a graph paper A) During your summer break record the observations of any 5 trips (market , a friends's place etc.) Odometer in a car shows distance travelled and speedometer shows the speed at any given time .Record the data in the following format in a graph notebook and plot the distance time graph and speed time graph on it.

Odometer Reading	Time	
	1 min	
	2min	
	3 min	
	4 min	
	5 min	

For speed time graph

Speedometer Reading	Time
	1 min
	2 min
	3 min
	4 min
	5 min

Social Studies (087)	1. **Project File (CBSE Curriculum-Based)** Prepare a detailed project file (10–12 pages) on ONE of the topic from Disaster Management, Forest Society and Colonialism, Geo politics of India-Pakistan, Operation Sindoor. Your file must include a title page, index, researched content with visuals (maps/charts), a conclusion, and bibliography/references. Suggestive Topics: 1. India's Strategic Location and National Security: From Kargil to Operation Sindoor 2. Unity in Diversity: India's Challenges at the Borders 3. Geography of Conflict: Mapping India's Borders and Military Operations 4. India's Relations with Neighbours: Geography, Politics & Peace **Prepare a Portfolio for Social Science.** Sugeestive portfolio design on Operation Sindoor :- Portfolio should be neatly organized and contain the following sections (3–4 pages each): 1. Reflections (Essay on Operation Sindoor and Your Role as a Citizen) 2. Case Study of an Indian Military Operation with a Historical Map 3. Cross-Linking Subjects (History+Geography; Civics+Economics) 4. Creative Corner (Patriotic Poem/Poster/Timeline) 3. **Map**:- Complete the map assignment uploaded on Google Classroom.
I.T (402)	1. Prepare a presentation on the topic, 'Importance of IT in our Daily life' and paste hardcopy of it in your practical notebook.

2. Using Google sheet, create the following table

Emp ID	Name	Salary	DA	TA	HRA	Total Salary
10488149	Ayush	11500				
10488167	Simram	9600				
10488151	Geetli	10700				
10488142	Mitali	12750				
10488175	Aarush	11050				

Now, answer the following question based on above sheet
1. Calculate the DA of all employees as 10% of their salary
2. Calculate the TA of all employees as 15% of their salary
3. Calculate the HRA of all Employee as 25% of their salary
4. Calculate The Total Salary by using the formula
Salary +DA +TA +HRA
5. Find the maximum, maximum, minimum and average salaries being dispersed by their company.
Note: Solve Question 2 in your practical notebook and also paste the hardcopy it.

IFM Level –I (405)

Create a PPT with minimum 10 slide (excluding introduction slide) on evolution of money and history of money.
Points should be covered by students:-
1. Meanings
2. Short history of money
3. Barter system
4. Money as a medium of exchange

A.I

Instructions:
☐ Complete all tasks as given below.
☐ **Make a separate file** for your AI Holiday Homework.
☐ Add **appropriate headings, neat formatting**, and **pictures/screenshots wherever required**.
☐ Be creative and original in your presentation.

☐ **Assignment Tasks:**

1. Domains of Artificial Intelligence

- Write about **three main domains** of AI:
  o **Data Science**
  o **Natural Language Processing (NLP)**
  o **Computer Vision (CV)**
- For each domain, include:
  o A **short explanation** in your own words.

- One **real-life example** of how it is used.

2. The AI Project Cycle

- Explain the **five stages** of the AI Project Cycle:
1. Problem Scoping
2. Data Acquisition
3. Data Exploration
4. Modelling
5. Evaluation
- Use examples and simple language. You can also draw a **flowchart** to represent the cycle visually.

3. Game-Based Activity 1 – Rock, Paper, Scissors

- Go to the website: rockpaperscissors-ai.vercel.app/
- Play the game based on **AI and pattern recognition**.
- **Take a screenshot of your highest score**.
- **Make sure your name is visible** in the screenshot and **attach it to your file**.

4. Game-Based Activity 2 – Semantris

- Go to: www.research.google.com/semantris
- This game is based on **Natural Language Processing (NLP)**.
- Play the game and enjoy how AI understands your word input.
- **Mention your high score** and describe what you understood about NLP through the game.

5. Game-Based Activity 3 – Quick Draw

- Visit: www.quickdraw.withgoogle.com
- This game uses **Computer Vision (CV)** to recognize your drawings.
- Play the game, enjoy drawing, and note your performance.
- **Attach a screenshot of your highest score**, showing your **name**, in your file.

Sanskrit	1 तत् ,किम्,अस्मद्,युष्मद् शब्दों का लिखित अभ्यास करते हुए कंठस्थ करें। 2 मणिका अभ्यास पुस्तिका से तीन पठित गद्यांश व प्रश्नों का लिखित अभ्यास करें। 3 संस्कृत: पॉर्टफोलीओ-परियोजना के लिए दिशानिर्देश निम्नलिखित हैं: *सजावटी कवर पेज या चित्रों के साथ एक अलग फ़ाइल या प्रतिलिपि बनाएँ। 2. संस्कृत भाषा में मम परिचय व परियोजना के विषयों का उल्लेख पहले पृष्ठ पर किया जाना चाहिए।

	3. रचनात्मक तरीके से चित्र और प्रवाह चार्ट आरेख शामिल करने का प्रयास करें।
	4. संस्कृत भाषा में प्रत्यय का वर्गीकरण - तुमुन, क्त्वा ,ल्यप प्रत्यय का प्रयोग उदाहरण व वाक्यो द्वारा चार्ट निर्माण करें।
	5. संस्कृत भाषा में किन्ही दो चित्रों का वर्णन चित्र व वाक्य का प्रयोग करते हुए लिखिए।
Drawing/ Craft	1.(A) Make any one Mandala art on A-3 Size sheets. **(OR)** (B) Make any one Folk art on A-3 Sheet. 2.Create a beautiful design on (A) Tote Bag Painting - Decorate a tote bag/old cloth bag with fabric paints and turn it into art Preces. **(OR)** (B) Make two wooden key Chain with beautiful colour design. **(OR)** (C) Mobile cover. 3. Create a collage on the occasion of 'Glorious fifty years' celebration'
Art Integrated Project	1. Prepare a report titled 'Asalute to the Indian Army with reference to Operation Sindoor' 2. Design a creative invitation card for a school annual function titled 'The Golden Jubilee Celebration : The Journey of Excellence at St. Edmund's School. The card should include the event title, date, time, venue, and a short welcome message. Use your imagination to make it visually appealing, reflecting the legacy and achievements of our school. You may design it digitally or by hand.