



DRONACHARYA
SR. SEC. SCHOOL MUBARIKPUR (JH)
AFFILIATED TO CBSE NEW DELHI, Aff No. 530945 |

Summer Holidays Homework

Class: - VII

Dear Students,

As the summer sun rises higher and the days stretch longer, it's time to pause, reflect, and recharge. The months of May and June bring with them not just warmth, but also the perfect opportunity to reconnect—with ourselves, with our families, and with the world around us.

Let us remember: "A mind stretched by new experiences can never go back to its old dimensions." This summer, let curiosity lead you, compassion guide you, and creativity energize you.

As part of the Summer Holiday Engagement 2025, we encourage you to stay indoors during peak hours, remain hydrated, and take thoughtful care of the ecology and environment around you. Even small steps—like reducing plastic use, saving electricity, and caring for plants—can bring meaningful change.

This year's holiday homework is designed to nurture Social, Emotional, and Experiential Learning. Whether you're experimenting in the kitchen, helping out at home, writing in your journal, or diving into a book—know that each activity contributes to your growth.

Let this summer be more than just a break. Let it be a season of purposeful rest, joyful discovery, and mindful action.

I believe in your potential to make a difference and look forward to seeing your spirit shine through in every page of your work.

Stay safe, stay curious, and above all—stay kind.

Warm wishes,

Class Teacher

GENERAL INSTRUCTIONS

- Complete your homework in the given time period.
- Make a separate single notebook for all subjects.
- In every subject you will get marks of holidays homework. So , take it very seriously and send the photos and videos to the concerned teacher on scheduled time.

English	<p>Project Work</p> <p>1.Character Diaries</p> <ul style="list-style-type: none">• Choose a character from any story from the given book.• Write a diary entry from their perspective.• Include how they feel, what they think about others, and what happens to them. <p>2.Create a Comic Strip</p> <ul style="list-style-type: none">• Make a short comic with dialogues.• Use a theme like friendship, adventure, or school life. <p>3 Interview with a Family Member</p> <ul style="list-style-type: none">• Write and present an interview with a parent or grandparent.• Include questions about their childhood, school, hobbies, etc. <p>Grammar: -</p> <ul style="list-style-type: none">• Do Ch-1 (Revision of sentence, Phrase , Parts of a sentence)• Do Ch-3 (Nouns)• Do Ch- 18 (Uses of Punctuation and Capital Letters)• Do Comprehension Passage -3 & 4 on page no. 174 & 175 in grammar book.• Revise Tenses (Ch- 11, 12 & 13)• Do the given worksheets. <p>Literature: -</p> <ul style="list-style-type: none">• Read and learn Ch-1, 2 & 3
Hindi	<ol style="list-style-type: none">1. प्रतिदिन 5 कठिन शब्द लिखें।2. 10 दिन तक सुलेख का एक पेज लिखें।3. आपके द्वारा प्रतिदिन प्रयोग में लाए जाने वाले किन्ही 20 शब्दों का संधि विच्छेद आधे चार्ट पर कीजिए और संधि का नाम लिखिए।4. रोजाना अपने गांव के प्रसिद्ध स्थानों पर जाएं और उनके बारे में जानें। पत्रकारों की तरह उस जानकारी की वीडियो रिकॉर्ड करके मेरे पास भेजें।

	<p>5. अपने राज्य और पड़ोसी राज्यों के पारंपरिक परिधानों और गहनों के बारे में जानकारी एकत्रित करके लिखिए और उनके चित्र कॉपी में चिपकाएं।</p> <p>6. भारत की ऋतुओं का ऋतु चक्र बनाएं और इनमें से आपको अच्छी लगने वाली ऋतु के विषय में 10 पंक्तियां लिखें।</p> <p>7. गणित से संबंधित कोई पांच मुहावरे आधे चार्ट पर लिखिए।</p> <p>8. अपने परिवार के किसी सदस्य का अपने दोस्त से परिचय कराते हुए वीडियो रिकॉर्ड कीजिए और मेरे पास भेजिए।</p> <p>9. पाठ एक से चार याद करें और रफ नोटबुक में लिख कर देखें।</p> <p>10. व्याकरण के पाठ 1 से 4 का अभ्यास याद करें।</p>
Maths	<p>1. Budgeting & Shopping</p> <p>Task: Make a weekly budget for your family groceries.</p> <p>Visit the Market with your Mother</p> <p>List at least 10 items and their prices.</p> <p>Calculate total cost.</p> <p>Apply for a 10% discount and calculate the final amount.</p> <p>Find the average price per item.</p> <p>2. Travel and Distance</p> <p>Task: Plan a trip to any nearby city.</p> <p>Calculate the distance from your city.</p> <p>Find the time it will take by car (at different speeds in km/h).</p> <p>Calculate the cost of petrol if petrol costs ₹105/liter and your car gives 15 km/l.</p> <p>3. Cooking and Fractions</p> <p>Task: Pick a recipe and double or halve it.</p> <p>Convert ingredient measurements accordingly.</p> <p>For example: If $1\frac{1}{2}$ cups of flour is needed, how much for double?</p> <p>4. Home Area Measurement</p> <p>Task: Measure the length and width of 2 rooms.</p> <p>Calculate the area of the floor (in sq. meters).</p> <p>Convert to sq. feet (1 sq. meter = 10.764 sq. feet).</p> <p>5. Revised Chapter 1,2,3,4</p>

Chapter 1 – Nutrition in plants

Make a creative diagram or model

A leaf showing the process of photosynthesis (use paper, clay, or household materials).

Label each clearly and write 1–2 lines about them.

Solve all the back exercise questions in your holiday homework notebook.

Learn chapter -1 notes

Chapter - 2: Nutrition in Animals

1. Choose one of the following diagrams to draw and color on a chart paper.

Human Digestive System (Label all parts clearly)

Amoeba Feeding Process

Ruminant Digestion – Cow's Stomach

2. Pick 10 new terms from the chapter (e.g., ingestion, digestion, absorption, egestion, villi).

Write their meanings and frame one sentence for each.

3.Question:

Why do animals need a digestive system while plants do not?

Answer in about **60–80 words** using what you've learned.

4. Solve all exercise questions in your holiday homework notebook.

- Learn chapter -3 notes and practice in holiday homework notebook

Chapter 3: Heat**1.Create any one of the following:**

1. A colourful poster showing the three modes of heat transfer: conduction, convection, and radiation (with real-life examples).

2. A flipbook explaining how a thermometer works.

3. List any 8 new words from this chapter (e.g., thermometer, Celsius, conductor, insulator, radiation, etc.)

Write their meanings and use each word in a sentence.

4. Question:

If you touch a metal and a wooden table in a cold room, the metal feels colder. Why?

Explain the scientific reason in 60–80 words using what you've learned about heat conduction.

5. Solve all exercise questions in your holiday homework notebook.

Chapter -4 → Acid base and salts)

1.Read Chapter 5 from the textbook thoroughly

	<ul style="list-style-type: none"> • Write short notes on the following: • Natural indicators • Properties of acids and bases • Common uses of acids, bases, and salts <p>2.Choose any one creative task:</p> <ul style="list-style-type: none"> • Make a colorful chart showing examples of acids, bases, and neutral substances found at home. • Draw and label 3 natural indicators and mention how their color changes with acid/base (e.g., turmeric, litmus, China rose). <p>3. "Why is curd never stored in copper or brass vessels?"</p> <p>Explore what happens chemically and why it's unsafe.</p> <p>4. Write 10 new words from the chapter (e.g., indicator, neutralization, antacid, acidic, basic).</p> <ul style="list-style-type: none"> • Solve all exercise questions in your holiday homework notebook. • Learn notes of chapter - 4 and practice in holiday homework notebook
Social Science	<p>1.Geography – My Dream Eco-Friendly City</p> <p>Instructions:</p> <p>Design a model of a city that is environmentally friendly.</p> <p>Include features like recycling plants, solar energy, green spaces, etc.</p> <p>Write a short report describe your city in 100 words.</p> <p>2.Create Your Own Advertisement</p> <p>Instructions:</p> <p>Design an advertisement for a product or service you invent. It can be real or imaginary.</p> <p>Include a slogan, images, and a catchy message.</p> <p>You can add pictures from newspapers.</p> <p>3.Atmospheric Layers Chart-</p> <p>Make a colourful chart that shows the five main layers of the atmosphere-Troposphere, Stratosphere, Mesosphere, Thermosphere, Exosphere.</p> <p>For Each Layer, Include:</p> <p>Height Range (in km)</p> <p>Temperature Characteristics</p> <p>Key Features of every layer</p>

Note- You can use drawings, colour paper, or printed pictures to decorate it.

4.Where I Visited during my Summer Holidays.

Introduction-

Name of the place you visited.

City, State & Country.

Who did you go with?

Journey Experience-

Which means of transport do you use while travelling?

Describe your journey in 50 words.

5.Food & Culture-

Describe the local food you tried.

Write about the local culture, language, dress & food.

6.Places Visited by you-

Mention the main attraction of that place.

Name parks, Monument, mountain.

Instruction-

Note-Paste the photos of that place & write all things in Holiday

Homework Notebook.

State Government Flow Chart

7.Flow chart includes -

Governor of Haryana, Chief Minister, Education Minister of Haryana, Transport minister of Haryana, Roadways minister ,Health Minister, Sports Minister & Revenue Minister etc.

Instruction-

Use Photos of Minister's.

When the particular minister came to power?

Which party they belong.?

8.Write a Famous Ruler of the Mughal Empire

(Choose one- Qutub din Aibak,Babur , Sher Shah Suri,Akbar,Aurangzeb & Razia Sultan)

Instruction-

Draw Picture of the particular ruler or paste the photo & colour it.

From Which dynasty he/she belong?

Which book is written on him?

	<p>Name the successor of the ruler.</p> <p>Write 50 Words about his life & rule.</p> <p>Name the monument build by him.</p> <p>Note – write all the things in Holiday Homework notebook.</p> <p>Submission Guidelines:</p> <p>Neat layout and organized content</p> <p>Use of colors, headings, and creativity</p> <p>Proper grammar and handwriting</p> <p>Submit on the first day after holidays</p>
Sanskrit	<ol style="list-style-type: none"> 1. पाठ एक से तीन का हिंदी अनुवाद याद करें। 2. पाठ 1 से 3 का अभ्यास याद करें और लिखें। 3. प्रत्येक पाठ से एक-एक तसवीर चार्ट पेपर पर बनाएं और उनके दो-दो कार्य लिखें। 4. वर्णों के उच्चारण स्थान को चार्ट पेपर पर लिखें और सजाएं। 5. चार्ट पेपर आकार के पेपर पर 10 शब्दों का वर्णविच्छेद करें और सजाएं। 6. रोजाना प्रत्येक पाठ से तीन पंक्तियों का शुद्ध उच्चारण करें और सीखें। 7. उत्तर पुस्तिका का सारा कार्य याद करें। 8. याद किया हुआ काम अपनी नोटबुक में लिख कर देखें।
Computer Science	<p style="text-align: center;">Activities</p> <p>✓ Activity 1:</p> <p>Design an App Idea (Creative Task)</p> <p>Draw and design your own mobile app idea on paper or digitally.</p> <p>Include:</p> <p>App Name</p> <p>Purpose (What does it do?)</p> <p>Target Users (Who will use it?)</p> <p>3–4 Features (e.g., Chat, Notifications, Maps)</p> <p>Example: A Homework Reminder App for Students</p> <p>✓ Activity 2:</p> <p>Digital Poster Making in Krita</p> <p>Create a poster on “Save the Environment” or “My Dream City”</p>

Use **drawing tools**, **text**, **colour fill**, and **layers**

Save your work as a PNG or JPG file

Take a **printout** or paste a **screenshot** in your notebook

Image Editing Task

Open a picture in Krita (any photo of nature, a pet, etc.)

Apply at least **3 editing tools** like:

Crop tool

Colour adjustment

Adding text or stickers

Save the edited image and paste or print for submission

☒ **Activity 3: Computer Basics Revision**

Activity: Create a colourful poster (handmade or digital) on “Types of Computers” with pictures and short descriptions.

Objective: Reinforce understanding of computer types (Super, Mainframe, Mini, Micro, etc.)

☒ **Activity 4: Hardware vs Software**

Activity: Make a T-chart comparing hardware and software, listing at least 5 examples of each.

Objective: Differentiate between physical parts and programs.

☒ **Activity 5: Input & Output Devices**

Activity: Create a scrapbook or digital collage of input and output devices.

Objective: Identify common I/O devices with visual support.

☒ **Activity 6: Computer in Daily Life**

Activity: Write a paragraph on how computers are used in one of the following: schools, hospitals, banks, or airports.

Objective: Connect computer use to real life.

Question & Answer

Worksheet: Answer in holiday homework notebook

Q1. What is an app?

Q2. Name any 2 popular apps and their use.

Q3. Why are mobile apps important in our daily life?

Answer in Notebook:

Q1. What is Krita used for?

	<p>Q2. Name two tools in Krita used for drawing and colouring.</p> <p>Q3. How is Krita different from MS Paint?</p>