Dear Students of Class 7,

As we step into the much-awaited **summer break**, I want to take a moment to tell you how proud I am of each one of you. You've worked hard, learned new things, helped your friends, and brought smiles to our classroom every day. 💫

Now it's time to **relax, recharge, and enjoy** the sunny days ahead!

🌼 Use this break to:

- Read a good book or two 📚
- Explore your hobbies 🎨 🎶 ⚽
- Spend time with your family and friends 👨‍👩‍👧‍👦
- Stay active and healthy 🚴 🌳
- And most importantly, **stay safe and happy** 💛

Also, don't forget to complete your **holiday homework/projects** with love and creativity. 🎒 ✍️

I look forward to seeing your smiling faces after the holidays, ready for new adventures and learning!

Have a **fun-filled, joyful, and safe summer vacation**! ☀️ 🍉 🌴

Important Instructions for Holiday Homework

1. All the given work must be **completed neatly in your notebooks**.

2. The assigned project is **integrated**, covering multiple subjects or themes.

3. **Holiday Homework will be evaluated and assessed** as part of your regular homework grades.

4. **The purpose of this Holiday Homework is to help you revise** the topics covered in **April** and prepare for the **upcoming Periodic Test 1 (PT1)**.

5. Make sure to **submit all work on time** after the vacation till 20/05/2025.

Regards:

Shiwangi Trivedi

Class Teacher

Dear Students,

Wishing you all a joyful and relaxing summer vacation! Alongside fun and family time, let's make these holidays productive. Here is your English holiday homework. Kindly follow the instructions carefully and complete all tasks neatly and sincerely.

1. Grammar – Adverbs and Adjectives
- Adverbs:
   Revise the definition and types of adverbs discussed in class. Complete all the adverb exercises from your grammar textbook.
- Adjectives:
   Review the rules and kinds of adjectives. Solve the adjective exercises given in your grammar textbook
2. Literature
Chapters to Read:
Chapter 3: Malgudi Cricket Club
Chapter 6: Somebody's Mother (Poem)
Instructions:
Read both the chapters thoroughly.
Solve all the textbook exercises based on these chapters.

3. Writing Skills

1. Notice Writing
Imagine you are the Cultural Secretary of your school.
Write a notice informing students about an Inter-House English Skit Competition scheduled after the summer break.
Include: Date, Time, Venue, Theme (optional), and Contact Details.

2. Poster Making
Create a colorful and informative poster on the topic – "Save Water, Save Life" or "Say No to Plastic."
Use creative slogans and images. You may use an A4/A3 sheet.

Topic: Becoming a Climate Warrior

➢ **Instructions:**
➢ Video Speech (3-4 minutes):
➢ Deliver a speech on the topic "Becoming a Climate Warrior."
➢ Explain the importance of acting against climate change and how individuals can contribute to protecting the environment.
➢ Discuss practical steps that can be taken to reduce carbon footprints, save resources, and promote sustainability.
➢ Mention how we can encourage others to become climate warriors and protect the Earth for future generations.
➢ **Tips for Students:**
➢ Speak confidently and passionately about the topic.
➢ Use clear and simple language that will resonate with others.
➢ You can add visuals, such as images of nature, or actions like recycling or planting trees, to support your message.
➢ Ensure your video is engaging, well-paced, and makes a positive call to action.

SUBJECT: MATHEMATICS

Q1.	Find the value:
	a) $(-120) + 45 - 35$
	b) $76 + 18 - (-80) - 74$

Q2.	Find the product:
	a) $12 \times (-5) \times (-10)$
	b) $(-70) \times (-30) \times (-5)$

Q3.	Write a pair of negative integers whose
	a) sum is -10
	b) Difference is -10

Descriptive Questions- Long Answer Type 1

Q4.	A scuba diver descends 10 m down the water from a boat on the surface of a lake. He then rose 8 m and then again descends 5 m down the water. What is his present depth from the surface of the water.

Q5.	The temperature of a city is 4 °C on Sunday. The next day if the temperature falls by 5°C and on Tuesday it increases by 3 °C, find the temperature of the city on Tuesday.

Q6.	Solve using suitable properties:
	a) $72 \times 75 + 72 \times 25$
	b) $(-57) \times 98$
	c) $96 + 158 + 104 + 42$

Q7.	Evaluate the following:
	a) $(-25) \times (-75)$
	b) $(-325) \div (-13)$
	c) $\{(-50) + (-6)\} \div \{(-8 + 1)\}$

Q8.	Hima burnt 300 calories working on the treadmill. But later she had a pizza and she gained a calorie count of 400. Did she gain or lose calories?

Q9.	In a test, (+5) marks were given for every correct answer and (–2) marks were given for every incorrect answer and 0 marks for an attempted question. Rahul gets 5 correct answers and 4 incorrect answers out of given 10 questions.
	
	   a) What is Rahul's score?
	   b) How many marks did he score for correct answers?
	   c) How many questions did he leave without attempting?

Q.10	A group of hikers is descending the mountain at a rate of 200 m per hour. If they start from a height of 1200 m above sea level, how much time will they take to reach the foot of the mountain?

Q 11	State whether the following statements are always true, sometimes true , or always false.
	
	   a) If a positive integer is subtracted from a negative integer, the answer is always negative.
	   b) If a positive integer is subtracted from a positive integer, the answer is always positive.
	   c) If a negative integer is subtracted from a positive integer, the answer is always positive.

Descriptive Questions Long Answer Type 2

Q.12	Evaluate
	
	   a. $(-100) \div 5$
	   b. $(-36) \div (-4)$
	   c. $(0) \div (-12)$
	   d. $[(-30) \div 5] \div 2$

Q.13	In a test (+3) marks are given for every correct answer and (-1) marks are given for every incorrect answer and 0 mark for not attempting a question.
	   i) Anoop answered all the questions and scored 14 marks and get 6 correct answers.
	   ii) Jay also answered all the questions and scored (-2) marks though he got 2 correct answers.
	
	How many incorrect answers had they attempted?

Q.14	Verify the following
	   a. $(-22) \times [(-4) + (-5)] = [(-22) \times (-4)] + [(-22) \times (-5)]$
	   b. $(-12) \times [(3) + (-9)] = [(-12) \times (3)] + [(-12) \times (-9)]$

Q.15	Fill in the blanks
	
	   i. Sum of integer and its additive inverse is _____
	   ii. Sum of – 32 and –26 is _____
	   iii. – 36 ÷ (_____) = - 9
	   iv. Integers are closed under addition, multiplication and _____.

SUBJECT-SCIENCE

Chapter 1: Nutrition in Plants.

Dear Students,

For your summer holiday homework in Science (Chapter 1: Nutrition in Plants), you are encouraged to explore the natural world around you! Visit a park, garden, or any green space and observe different types of plants. Identify various modes of nutrition – autotrophic, heterotrophic (like insectivorous plants or parasites), and signs of nitrogen fixation (like legumes with root nodules). Collect or click photos (if possible), sketch them, and write your observations creatively in your science file.

Focus on real-life observation, not question-answer format. You can decorate your file creatively using dried leaves, drawings, or paper cutouts. If you have any questions, feel free to contact me. Looking forward to your innovative work!

Homework Title: "Plant Nutrition Exploration Journal"

Instructions:
1. Visit a garden, park, or farm nearby.
2. Observe at least 5 different plants and try to identify:
➢ Plants that perform photosynthesis (green plants).
➢ Parasitic plants (like Cuscuta, if visible).
➢ Insectivorous plants (like pitcher plants, if you can find or research them)
➢ Plants showing symbiosis for nitrogen fixation (look for leguminous plants like beans/peas).
3. For each plant, do the following in your science file:
➢ Write the plant name.
➢ Mention its type of nutrition.
➢ Draw a neat sketch or paste a photo.
➢ Write 3–4 lines on how you identified the nutrition type.
4. Add a creative cover page, use headings, colors, and decorate with dried leaves or handmade illustrations.

Bonus Task:
Make a leaf rub art or chlorophyll imprint using a fresh leaf to show how leaves contain chloroph

SUBJECT-PHYSICAL EDUCATION

Part 1: Physical Activity Log (Daily Activity)
For 5 days a week during the holidays, engage in 30 minutes of physical activity (e.g., jogging, cycling, skipping, yoga, or playing a sport like cricket, football, badminton, etc.).

❖ Record the following:
❖ Sport/Activity Name
❖ Duration (in minutes)
❖ How you felt after the activity (e.g., energetic, happy, tired, etc.)
❖ You can use a notebook or create a simple table in a sheet to track the daily activities

Part 2: Sports Quiz (Multiple Choice)

Answer the following sports-related questions.

1 Which sport is known as the "king of sports"?

   a) Cricket   b) Football   c) Tennis   d) Hockey

2 Who holds the record for the most Olympic gold medals?

   a) Michael Phelps   b) Usain Bolt   c) Simone Biles   d) Serena Williams

3 Which country invented the sport of badminton?

   a) China   b) India   c) England   d) Japan

4 What is the maximum number of players allowed on the field for a soccer team?

   a) 9   b) 11   c) 12   d) 1

Part 3: Sports Journal (Weekly Activity)

Maintain a Sports Journal where you will record your sports activities for any 4 weeks of the holidays (Write in a separate notebook)

- ❖ Each week's entry should include:
- ❖ Name of the Sport/Activity you played (e.g., cricket, football, skipping, yoga, etc.)
- ❖ Duration (How many minutes per day?)
- ❖ What did you enjoy or learn?
- ❖ One tip for improvement in that sport.

Part 4: Skill Showcase (Optional Bonus)

- ❖ **Record a short video (1-2 mins) of you performing your favorite skill (e.g., dribbling a basketball, doing yoga poses, skipping, etc.) and share it with your class teacher**

SUBJECT-SOCIAL SCIENCE

Map 1. All states and union territories of India, Tropic of cancer.

Map 2. Rivers-Godavari, Krishna, Kaveri, Narmada, Tapi, Ganga, Brahmaputra, Indus,

Water bodies- Indian ocean, Arabian Sea, Bay of Bengal.

Map 3. National parks-   1)Gir 2)Kanha 3) Corbett 4) Kaziranga 5)Sariska 6)Similipal

Map 3. 1.The place where Babur defeated Ibrahim Lodhi – Panipat

 2. Regions ruled by a) Cholas, b) Pandyas, c) Palas, d)Rashtrakuta

Map 4. 1. **The place where Taj Mahal is located**

2. Capitals of:

[a] Cholas –Thanjavur

[b] Rashtrakutas – Manyakheta

[c] Gurjara-Pratiharas – Ujjai

d] Chandelas – Khajuraho

Diagrams: 1. Components of environment 2. Interior of the earth

 3. Volcano 4. Water cycle 5. Types of rainfall

ACTIVITY

On a political outline map of India, mark West Bengal and describe important features of the culture of West Bengal focusing on music, dance, dress, monuments and pilgrimage centres. Paste pictures also.

<p style="text-align:center">OR</p>

On a political map of India, mark Odisha and describe its historical and cultural importance with reference to Jagannath cult. Paste pictures.

<p style="text-align:center">SUBJECT - COMPUTER</p>

 "Tech Creators in the Making"

Task 1: Design a Personal Webpage

Create a simple HTML + CSS webpage about yourself, including:

Name, hobbies, favorite subject

A photo

A list of your favorite websites or apps

Use basic styling

Task 2: Create a Digital Poster (Canva / MS PowerPoint)

Topic ideas:

Internet Safety for Kids

Say NO to Cyberbullying

5 Golden Computer Lab Rules

My Dream App Idea

 Task 3: Comic Strip – "Life of a Laptop"

Create a comic strip using tools like Canva or hand-drawn and scanned. Show what happens when a laptop is misused or used well.

SUBJECT -SANSKRIT

निर्देश: सभी कार्य सुंदर हस्तलेखन में अपनी कॉपी में करें और कंठस्थ (याद) करें। उचित स्थानों पर चित्र भी बनाएं ।

1. **स्वपरिचय (15 वाक्य संस्कृत में लिखें और याद करें)**
   उदाहरणार्थ वाक्य:

   मम नाम _____ अस्ति।

   अहं सप्तमी कक्षायाम् पठामि।

   मम पिता अभियन्ता अस्ति।

   (इस प्रकार 15 वाक्य)

2. **फलों के नाम (फलनामानि)**
   10 फलों के नाम हिंदी एवं संस्कृत में लिखें और याद करें।

   उदाहरण:

   आम – आम्रः

   केला – कदली

   सेब – सेवफलम् (कुल 10)

3. **पशुओं के नाम (पशूनामानि)**
   हिंदी एवं संस्कृत में 10 पशुओं के नाम लिखें और याद करें।

   उदाहरण:

   गाय – धेनुः

   सिंह – सिंहः

   कुत्ता – श्वानः (कुल 10)

4. **पक्षियों के नाम (पक्षिणां नामानि)**
   हिंदी और संस्कृत में 10 पक्षियों के नाम लिखें और याद करें।

   उदाहरण:

   तोता – शुकः

   मोर – मयूरः (कुल 10)

5. **फूलों के नाम (पुष्पाणि)**
   संस्कृत में 5 फूलों के नाम लिखें और याद करें।

   उदाहरण:

कमलम्

जपापुष्पम् (कुल 5)

6. सब्जियों के नाम (शाकानि)
संस्कृत में 10 सब्जियों के नाम लिखें और याद करें।

उदाहरण:

आलुकम् – आलू

कटकम् – कटहल (कुल 10)

7. खाद्यान्न के नाम (धान्यानि)
संस्कृत में 10 अनाज/खाद्यान्न के नाम लिखें और याद करें।

उदाहरण:

गोधूमः – गेहूँ

तण्डुलः – चावल

यवः – जौ (कुल 10)

8. पारिवारिक संबंध (संबन्धनामानि)
संस्कृत में 10 पारिवारिक संबंधों के नाम लिखें और याद करें।

उदाहरण:

भ्राता – भाई

भगिनी – बहन

पितृ – पिता

मातृ – माता

मातुलः – मामा

(कुल 10)

9. शब्दरूपाणि (शब्द रूप लिखें और याद करें)
निम्नलिखित शब्दों के एकवचन, द्विवचन और बहुवचन रूप (सातों विभक्तियों में) लिखें और याद करें –

1. रामः (पुल्लिङ्गः)
2. नदी (स्त्रीलिङ्गः)
3. लता (स्त्रीलिङ्गः)
4. गुरु (पुल्लिङ्गः)
5. अस्मद् (सर्वनाम)
6. युष्मद् (सर्वनाम)
7. किम् (प्रश्नवाचक सर्वनाम)

8. तत् (सर्वनाम)
9. **सुभाषितानि (2 संस्कृत श्लोक याद करें)**
   निम्नलिखित सुभाषितों को सुंदर लेख में लिखें एवं कंठस्थ करें –(किताब में से कोई भी 12 श्लोक) जैसे

1. गुणा गुणज्ञेषु गुणा...
2. साहित्य संगीत कला विहिना......
10. **गीतम्** -कोई एक संस्कृत गीत लिखे और कंठस्थ(याद) करें –
    जैसे – उदिते सूर्ये धरणी विहसति..........

SUBJECT -HINDI

➤ **किन्हीं 20 शब्दों के पर्यायवाची लिखे**

➤ **पांच अनुच्छेद लेखन (प्रत्येक अनुच्छेद से पांच पांच प्रश्न बनाने का अभ्यास करेंगे)**

1. स्वच्छ भारत अभियान: हमारी जिम्मेदारी
2. प्लास्टिक प्रदूषण और उसका समाधान
3. डिजिटल शिक्षा का बढ़ता प्रभाव
4. ग्रीष्मकालीन अवकाश: मेरी योजनाएँ और लक्ष्य
5. आर्टिफिशियल इंटेलिजेंस: भविष्य की दुनिय
6. स्वच्छ भारत अभियान: हमारी जिम्मेदारी
7. प्लास्टिक प्रदूषण और उसका समाधान
8. डिजिटल शिक्षा का बढ़ता प्रभाव
9. ग्रीष्मकालीन अवकाश: मेरी योजनाएँ और लक्ष्य
10. आर्टिफिशियल इंटेलिजेंस: भविष्य की दुनिया

➤ **तीन अनौपचारिक पत्र तथा दो औपचारिक पत्र**

1. अपने स्कूल के प्रधानाचार्य को पुस्तकालय में नई किताबें मँगवाने के लिए पत्र लिखिए।
2. नगर निगम अधिकारी को अपने मोहल्ले में सफाई व्यवस्था सुधारने हेतु पत्र लिखिए।
3. रेलवे विभाग के अधिकारी को ट्रेन में सफाई व्यवस्था खराब होने की शिकायत करते हुए पत्र लिखिए।
4. अपने मित्र को ग्रीष्मावकाश की छुट्टियों में बिताए गए अपने अनुभव के बारे में पत्र लिखिए।
5. अपने बड़े भाई/बहन को परीक्षा में अच्छे अंक प्राप्त करने की खुशी में पत्र लिखिए।

➢ **चार संवाद लेखन (स्वयं से निर्धारित विषय पर भाषा शैली का ध्यान रखते हुए लेखन अभ्यास)**

1. दो मित्रों के बीच "पर्यावरण संरक्षण के महत्व" पर संवाद।
   (बातचीत में सुझाव और समाधान शामिल हो)

2. एक छात्र और शिक्षक के बीच "परीक्षा की तैयारी कैसे करें" पर संवाद।
   (शिक्षक मार्गदर्शन दे रहे हैं, छात्र शंकाएँ पूछ रहा है)

3. पुस्तक मेले में दो सहेलियों के बीच "किताबें खरीदने और पढ़ने" पर संवाद।
   (रुचिकर, प्रेरणादायक और सरल शब्दों में बातचीत)

4. पिता और पुत्र के बीच "डिजिटल तकनीक का सही उपयोग" पर संवाद।
   (पिता समझा रहे हैं कि तकनीक का लाभ और हानि क्या हैं)

5. वाक्यांश के लिए एक शब्द (20 उदाहरण लिखें)

6. पशु पक्षियों की स्वतंत्रता पर आधारित 250 शब्दों का निबंध लिखें –

7. डायरी लेखन 20 मई 2025 से 10 मई 2025 तक

8. स्वयं का यात्रा वृतांत (300 शब्दों में)

SUBJECT – GK

1. World Leaders & Visionaries Project

   Choose any 5 world leaders or social reformers and write a short note (6–8 lines) on each. Paste their pictures and highlight their contribution.

2. Logo Matching Activity (Chart Paper Task)

   Draw or print and paste 10 famous brand or organization logos. Write what each one stands for (e.g., WHO, ISRO, UNICEF, WWF).

3. Answer in your notebook:

➢ Name 5 UNESCO World Heritage Sites in India
➢ Write capitals of 10 Asian countries
➢ 5 important inventions and inventors
➢ 5 latest space missions (Indian or global

INTEGRATED PROJECT: "Data Through Art: Visualizing Our World"

Subjects Integrated: Mathematics + Art + Social Studies / Science

Topic: "Quantifying Sustainability: The Economics of a Better World" (SDG -8 Decent Work and Economic Growth)

Description:

Mathematics of Sustainability: Use statistical data and graphs to represent how resource usage, waste production, or economic growth intersect with the SDGs. For instance, modeling the **economic cost of climate change** versus the benefits of transitioning to renewable energy and writing a report on it.

Assessment Criteria
Clarity and Presentation, Data Accuracy, Use of Statistical Models and Graphs, Real-World Applicability