



DELHI PUBLIC SCHOOL HATHRAS
SUMMER HOLIDAY HOMEWORK
SESSION:2025-26
CLASS: VII



Dear Parents

Greetings from DPS Hathras!

As we step into the summer holidays, providing a well-deserved break from daily academic routines, the faculty has thoughtfully prepared an engaging set of holiday homework activities. These tasks are meant to ensure that learning continues through fun, hands-on projects that your child will enjoy.

Each activity is carefully designed to be both educational and entertaining, helping your child stay connected with learning in a creative and light-hearted way. Your support during this time will be valuable as your child explores these assignments.

We hope this summer is filled with joyful learning moments and cherished family time.

Wishing you a wonderful vacation together!

With regards,

Ms. Neena Chaku

Principal

General Instructions:

- Completing the holiday homework for all subjects is compulsory, and marks will be given for it.
- Submit the homework on the second day after the school reopens.
- Encourage to complete the work in their own unique and creative way.
- Homework and projects will be evaluated based on tidiness, creativity, and originality.
- Students should revise all the topics taught so far in every subject.

ENGLISH	<p>Q1. Must-Read Book Review Read: “Wings of Fire” by Dr. A.P.J. Abdul Kalam Write a book review in about 200 words Include the main theme, your personal opinion, and your favorite part This inspirational autobiography is a must-read for every student.</p> <p>Q2. Word Chart Prepare a chart of “Word of the Day” from 1st June to 20th June 2025. Mention the word, meaning, part of speech, and use it in a sentence Present it neatly and creatively</p> <p>Q3. Article Writing Topic: Education and Artificial Intelligence in Present Scenario Write in about 200–250 words Discuss how AI is influencing education—both its benefits and challenges</p> <p>Q4. Prepare a Tense Chart creatively.</p> <p>Q.5 Learn the Question & Answers of Ch-1 The Lottery Ticket and Ch-2 and write in Notebook</p>
HINDI	<ol style="list-style-type: none"> 1. दस मुहावरों का सचित्र वर्णन कीजिए । 2. दस पर्यायवाची शब्दों का सचित्र चित्रण कीजिए । 3. स्वरचित कविता या लेख लिखिए । 4. निम्नलिखित विषयों पर अनुच्छेद लिखिए <ul style="list-style-type: none"> • वाणी का महत्त्व • प्रकृति हमारी धरोहर 5. अपनी प्रधानाचार्या को अपने विद्यालय के पुस्तकालय में हिंदी की पुस्तकें मंगवाने के लिए आग्रह करते हुए पत्र लिखिए 7. कुसंगति से बचने की शिक्षा देते हुए मित्र को पत्र लिखिए .
MATHEMATICS	<p>Q.1 Create a "Journey Map" on a piece of paper showing your movement along a number line. Start at 0, then draw steps representing positive and negative movements (like climbing or descending). Use colored markers or stickers to show the movements: red for negative, blue for positive. At each step, write the integer you're at. Share your journey with a story (e.g., “I started at sea level (0), climbed 5 meters, then descended 3 meters...”).</p> <p>Q.2 Draw a giant ice cream cone with 3 scoops. Label each scoop with a positive integer (like +5, +8, +3) and the cone with a negative integer (like -4, -7). Add up all the integers (show the sum) and give your ice cream cone a total value.</p> <p>Q.3 Draw a pizza divided into 8 slices. Color in a fraction of the pizza to represent a fraction you choose (e.g., $\frac{3}{8}$). Then, if you eat 2 slices and give 1 slice to a friend, how much of the pizza is left? Show the remaining slices as a fraction on your drawing. Superhero Shopping Cart (Craft + Decimal Math):</p> <p>Q.4 Draw your shopping cart with the supplies you bought (a cape, belt, and gadget). Label the price of each item using decimals (e.g., ₹175.50 for the cape, ₹220.80 for the belt).</p>

	<p>Write a sum next to your cart showing the total price, and calculate how much change you would get from ₹500.</p> <p>Q.5 You're making a cake and the recipe calls for $\frac{3}{4}$ cup of sugar, but you want to make only half of the recipe. a) How much sugar do you need now? b) If you want to double the recipe, how much sugar would you need? (Show your calculations as fractions & decimals and also draw your favourite cake.)</p> <p>Q.6 Imagine you're a scientist in the Arctic studying temperature fluctuations. At noon, the temperature is -5°C. a) In the evening, the temperature drops by 3°C, and by midnight, it drops another 6°C. What is the temperature at midnight? b) Show your calculation using integers.</p>
SCIENCE	<p>Q1. Take a large A3 sheet or chart paper. Draw a vertical flowchart showing the sequence of organs involved in digestion. At each step, draw or paste a small image of the organ. Below each organ, write 3-4 points explaining its function (you can decorate with arrows, colors, and stickers to make it creative).</p> <p>Q2. Explore acids and bases using natural indicators Instructions: Prepare natural indicators like turmeric, beetroot juice, or red cabbage extract. Test household items (lemon juice, soap water, vinegar, baking soda solution, etc.) and record color changes. Make a chart: Item Tested Indicator Used Acid/Base Color Change</p> <p>Q3. Using the knowledge of acids and bases, write a secret message with the help of baking soda and beet root. Explain how it works. (Hint: Prepare baking soda solution in water. Use this solution to write the message on a sheet of white paper with a cotton bud. Rub a slice of fresh beet root over the message.)</p> <p>Q4. Visit a doctor and find out: (i) Under what conditions does a patient need to be on a drip of glucose? (ii) Till when does a patient need to be given glucose? (iii) How does glucose help the patient recover? Write the answers on A4 size sheet.</p>
SOCIAL SCIENCE	<p>1. Project Work (Choose One): Prepare a 4–6 page project on any one of the following topics:</p> <p>1.1 Ancient Indian Kingdoms Choose one (e.g., Mauryan Empire, Gupta Dynasty)</p> <p>a) Include important rulers, achievements, and contributions to art, culture, and science.</p> <p>1.2 Environmental Issues in India</p> <p>Focus on pollution (air, water, land), deforestation Suggest steps to conserve the environment .</p> <p>Note:-Add pictures, maps, and hand-drawn illustrations where possible.</p> <p>2. Map Work: Stick or draw a physical map of India and mark:</p>

a)Major rivers: Ganga, Yamuna, Godavari, Krishna, Narmada

b)Mountain ranges: Himalayas, Western Ghats, Eastern Ghats

c)Important cities: Delhi, Mumbai, Kolkata, Chennai, Bengaluru.

d)Neighboring countries of India.

3. Activity: Timeline Create a timeline of 5 major historical events from medieval India:

Mention the year, event, and its importance

Present it creatively on chart paper.

4. Current Affairs : Create a scrapbook with 5–7 recent news articles on:

*Political developments

*Natural disasters

*Environmental initiatives

*Achievements in sports or science in India.

Write 2–3 lines in your own words for each article.

Instructions:

Submit all work neatly in a folder.

Use your own creativity to make the work presentable.

