



DELHI PUBLIC SCHOOL CIVIL LINES ALIGARH
SESSION: 2026-27

HOLIDAY HOMEWORK

*Sun, Splash, and Smiles, It's
Summer Time!*

GRADE VII



SUMMER BREAK ESSENTIALS

- READ A GOOD BOOK, STORY, OR NEWSPAPER REGULARLY.
- SPEND TIME OBSERVING NATURE AND THE WORLD AROUND YOU.
- EAT HEALTHY, HOME-COOKED FOOD AND INCLUDE SEASONAL FRUITS AND PLENTY OF WATER IN YOUR DAILY ROUTINE.
- LIMIT SCREEN TIME AND MAKE TIME FOR OUTDOOR GAMES, EXERCISE, OR PHYSICAL ACTIVITIES.
- SPEND QUALITY TIME WITH YOUR FAMILY—TALK, HELP WITH SMALL HOUSEHOLD TASKS, AND CREATE HAPPY MEMORIES TOGETHER.
- LEARN A NEW SKILL, HOBBY, OR ACTIVITY THAT INTERESTS YOU.
- BE CURIOUS, EXPLORE NEW IDEAS, AND USE YOUR HOLIDAYS TO LEARN SOMETHING BEYOND THE CLASSROOM.

BEFORE YOU BEGIN



- COMPLETE ALL WORK NEATLY AND SINCERELY IN THE HOLIDAY HOMEWORK NOTEBOOK/FILE.
- WRITE YOUR NAME, CLASS, SECTION, AND ROLL NUMBER CLEARLY ON ALL SHEETS.
- FOLLOW THE GIVEN INSTRUCTIONS CAREFULLY AND COMPLETE EACH TASK INDEPENDENTLY.
- USE CREATIVE IDEAS, COLOURS, AND PROPER PRESENTATION WHEREVER REQUIRED.
- MAINTAIN NEAT HANDWRITING, CORRECT LABELLING, AND PROPER FORMATTING.
- SUBMIT THE HOLIDAY HOMEWORK ON THE FIRST DAY AFTER THE SUMMER VACATION.



ENGLISH



1. LANGUAGE EXPLORER TASK

WORD INVESTIGATION

PICK ANY 10 INTERESTING WORDS (E.G. COURAGE, FREEDOM, SILENCE)

FOR EACH WORD, WRITE:

- MEANING
- ONE SYNONYM
- ONE ANTONYM
- USE IT IN A SENTENCE

 MAKE IT CREATIVE LIKE MINI-CARDS OR TABLE FORMAT

 WHERE TO DO: FLASHCARDS / A4 SHEET

2. EXPRESSION THROUGH LANGUAGE

IDIOM ART

CHOOSE 8-10 IDIOMS AND WRITE THEIR MEANING.

DRAW A SMALL ILLUSTRATION SHOWING THE IDIOM

 EXAMPLE: "BREAK THE ICE" (DRAW PEOPLE TALKING)

 WHERE TO DO: A4 SHEETS / SCRAPBOOK

3. SITUATIONAL WRITING

REAL-LIFE WRITING

ATTEMPT ANY TWO:

A) WRITE A MESSAGE TO YOUR FRIEND INVITING THEM FOR A HOLIDAY ACTIVITY

B) WRITE A NOTICE ABOUT "LOST WATER BOTTLE" IN SCHOOL

C) WRITE A SHORT PARAGRAPH ON "A SKILL I WANT TO LEARN"

 KEEP IT FORMAL/INFORMAL AS REQUIRED

 WHERE TO DO: ENGLISH NOTEBOOK

4. ADVANCED VOCABULARY TASK (DIFFERENT FROM COLOUR ONE)

WORD LADDER

TAKE 5 SIMPLE WORDS AND EXPAND THEM:

EXAMPLE:

BIG → HUGE → LARGE → GIGANTIC → ENORMOUS

 MAKE 5 SUCH LADDERS

THEN FRAME 2 SENTENCES USING ADVANCED WORDS

 WHERE TO DO: FLASHCARDS



HINDI

1. रचनात्मक कार्य:

माँ आपको बचपन में कौन सी कहानी सुनाती थी? **8-10** पंक्तियों में उन बातों को याद करके या माँ से पूछकर लिखिए।

2. चित्र सहित प्रोजेक्ट: A4 शीट पर "माँ का महत्व" विषय पर स्वरचित कविता या अनुच्छेद लिखकर संबंधित चित्र बनाइए या चिपकाइए।

3. निम्नलिखित शब्दों की वर्तनी शुद्ध कीजिए।

मिर्तता, राष्ट्रपीय, कुरूप, परधान, पृकाश, प्रातह, उशा, सन्गीत, गांव, अँधकार, गाँधी, धरमातमा, अण्डा, श्रृंगार, रिशि, क्रिपा, गड्डा।

4. ग्रीष्मकालीन अवकाश में घर पर अपने अभिभावक की सहायता करेंगे और आपने क्या-क्या किया इससे संबंधित दस पंक्तियां लिखेंगे।

5. प्रतिदिन के समाचारों से अपडेट रहेंगे। कोई दस प्रमुख समाचार लिखकर लाएंगे।



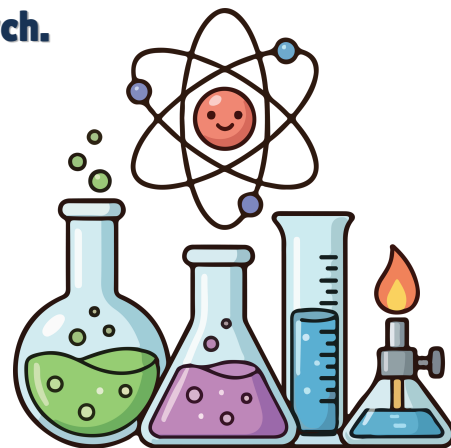
SCIENCE

CHEMISTRY/BIOLOGY HOLIDAY HOMEWORK

Prepare a Portfolio on "5 Sustainable Cities of the World and the Measures Taken by These Cities."

Guidelines for the Portfolio:

- 1. Select any five sustainable cities from different parts of the world.**
- 2. For each city, include the following details:**
 - Introduction of the city**
 - Reasons why it is considered sustainable**
 - Measures taken for:**
 - Waste management**
 - Pollution control**
 - Renewable energy use**
 - Water conservation**
 - Green transportation**
 - Plantation and green spaces**
 - Interesting facts and achievements**
- 3. Add relevant pictures, maps, diagrams, newspaper cuttings, charts, or infographics to enhance the presentation.**
- 4. Include a cover page, index, acknowledgement, and conclusion in the portfolio.**
- 5. The work should be well-researched, neatly presented, and creative.**
- 6. Students may prepare the portfolio in a scrapbook/file/folder format using handwritten or printed content.**
- 7. Mention the sources of information used for research.**



SCIENCE

PHYSICS HOLIDAY HOMEWORK

Topic: Project-Based Learning – Electric Current & Circuit

Instructions:

Students will do the project based on their Roll Numbers. Work individually. Parent supervision is compulsory for handling batteries/wires.

PROJECT 1: "Circuit Rangoli – Festival of Lights"

For Even Roll Numbers

Chapter: Electric Current & Circuit

Concept: Closed circuit, LEDs, Switches

Task:

- 1. Design: Draw a Rangoli design on thick cardboard. Use copper tape/aluminium foil strips to make a circuit path.**
- 2. Build: Stick 5–6 colored LEDs along the Rangoli lines. Connect with a coin cell + paper-clip switch hidden under the design.**
- 3. Theme: Make it glow for the Diwali/Dussehra theme. Press the switch = the whole Rangoli lights up.**
- 4. Record: Shoot a 20–sec video of your working Rangoli.**

Submit: Glowing Rangoli board + Circuit diagram on back + Video link/QR code

PROJECT 2: "Quiz Board – Don't Get Shocked!"

For Odd Roll Numbers

Chapter: Electric Current & Circuit

Concept: Conductors, Insulators, Closed circuit

Task:

- 1. Make: Cardboard quiz board with 5 questions on the left, 5 answers on the right.**
Ex: Q: "Good conductor" → A: "Copper"
- 2. Circuit: Use aluminium foil strips behind. Connect wires + bulb + 9V battery. If the student touches the correct Q–A pair with the metal pins/wires, the bulb glows.**
- 3. Decorate: Theme it like "KBC" or "Science Fair".**

Submit: Working quiz board + List of 5 Q–A pairs used + Circuit diagram

Common Rules for Both Projects

- 1. Safety First: Use only a battery $\leq 9V$. No Mains Electricity. Work under parent supervision.**
- 2. Jugaad Allowed: Use waste material – old boxes, wires, broken toys, foil. Be creative, not expensive.**
- 3. 1–Page Report: Paste in Fair Notebook. Must include:**

Aim | Materials Used | Photo of Project | Diagram | What You Learned | One Safety Tip

Assessment: 10 Marks



SOCIAL SCIENCE

➔ Using the physical map of India, locate the Western Ghats and paste it in your geography notebook. Observe the physical map of India present in the book and collect the following information to write in your geography notebook –

- Locate and label the Western Ghats.
- List out the states covered by the Western Ghats.
- Locate the sea along the Western coast of India.
- List out and locate the popular tourist destinations in the Western Ghats.

➔ Select any one tourist place of your choice and prepare a travel plan brochure comprising the following information:

Regarding location, climate, altitude, and transport facilities to reach there, and some pictures.

Notes:– The Western Ghats in India host numerous scenic hill stations, nature hotspots, and wildlife destinations across Maharashtra, Karnataka, Tamil Nadu, and Kerala, including Munnar, Ooty, Coorg, Mahabaleshwar, Wayanad, and Chikmagalur. Famed for tea/coffee plantations, waterfalls, and biodiversity, key spots include Dandeli, Thekkady, Valparai, and Kodaikanal.



MATHEMATICS

MATH EXPLORERS: CREATE • DISCOVER • DESIGN

IMPORTANT

1. STUDENTS WILL COMPLETE ONE PROJECT ACCORDING TO THEIR ROLL NUMBER GROUP. USE SIMPLE MATERIALS SUCH AS CHART PAPER, CARDBOARD, COLOURED PAPER, BOTTLE CAPS, PAPERBOARD PINS, PAPER STRIPS, AND RECYCLED MATERIALS. FOCUS ON CREATIVITY, NEAT PRESENTATION, AND WORKING MODELS.

2. A 20-QUESTION MATHEMATICS WORKSHEET WILL BE UPLOADED ON THE ENTAB APP. PLEASE BE SURE TO COMPLETE IT IN YOUR FAIR NOTEBOOK/M2 NOTEBOOK AS PART OF YOUR HOLIDAY HOMEWORK.

ROLL NOS. 1-13 – NUMBER MUSEUM: EXPLORING LARGE NUMBERS

Create a mini interactive number museum on chart paper. Your chart should look like a small museum gallery, with each large number displayed as a separate exhibit.

What to do:

Choose 4-5 large numbers from real life. You may select examples such as:

- **India's population**
- **distance between planets**
- **stadium seating capacity**
- **railway passengers**
- **heights of monuments**
- **annual visitors to famous places**

Each number should be shown as a separate museum display card.

Each display card should include

- **a numeral**
- **a number name in the Indian & the International place value system**

How to make it interactive

Use simple moving parts so that the chart becomes a working model.

Opening flaps – write the numeral on the front and place the number name inside.

Pull tabs – reveal the Indian and International grouping of the number.

Pop-up windows – open them to reveal interesting facts about the number.



MATHEMATICS

ROLL NOS. 14–26 – MAGIC SQUARE BOX (MOVABLE MODEL)

Create a 3×3 magic square using any set of nine consecutive numbers. Arrange the numbers so that the sum of each row, each column, and both diagonals is the same.

Materials needed:

- Shoe-box lid or shallow cardboard tray
- Cardboard strips
- 9 bottle caps
- Coloured paper
- Marker pens
- Glue

What to do:

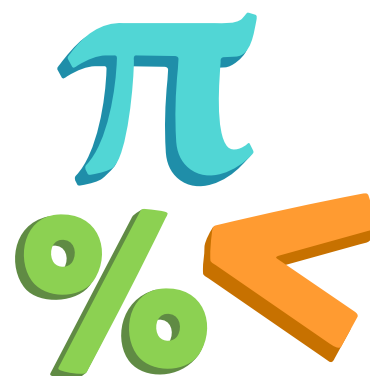
- Use the box lid as the base.
- Divide it into 9 equal boxes (3×3) using cardboard strips.
- Write the numbers on bottle caps and place them inside the boxes.
- The bottle caps can be lifted, moved, and rearranged to test different arrangements until the magic square is formed.

How to make it attractive

Add a title: Magic Square Box

Decorate the border with geometric shapes or coloured tiles

Add a small flap saying "Check the Magic Sum"



MATHEMATICS

ROLL NOS. 27-40 – FRACTION KITCHEN: RECIPE BUILDER (WORKING ACTIVITY)

Create a mini recipe chart showing how fractions are used in cooking.

What to do:

Choose a simple recipe such as:

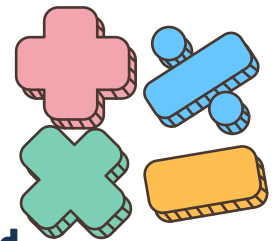
- Fruit salad
- Sandwich
- Lemonade
- Sprouts chaat
- Vegetable salad

How to make:

Draw or paste ingredients on chart paper.

Prepare movable ingredient cards showing fractional quantities, such as:

- $\frac{1}{2}$ cup curd
- $\frac{1}{4}$ cup peanuts
- $\frac{3}{4}$ cup fruits
- $\frac{1}{3}$ cup corn



Working part

Use paper pockets, sliders, or flaps so ingredient cards can be moved.

Creative idea

You could design it like a recipe board with ingredient cards, measuring cups, etc.

Art integration

Use coloured paper cut-outs of bowls, spoons, fruits, vegetables, or plates.

Decorate the chart like a mini kitchen counter.

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