



## DELHI PUBLIC SCHOOL CIVIL LINES, ALIGARH

### HOLIDAY HOMEWORK (2025-26)

#### CLASS -VII

Dear Parents,

We wish you and your child a very happy summer holiday. Holiday is the time that we all eagerly wait for. We all make plans to enjoy, to relax and to empower ourselves during these gala days. It's time to enjoy and create a bond with family, friends and relatives. To utilize this time in the most constructive way we have prepared Holiday Homework for the students on the principle of "learning by doing" for his/her holistic development.

This summer vacation, the holiday homework designed by the school is a medium for the students to achieve the motto of fun and learn. The activity based assignments will foster curiosity, develop creativity, enhance knowledge and instil the joy of learning among the students.

Kindly ensure that the holiday homework is completed by your child under your guidance and submitted on time.

#### ENGLISH

##### ASSIGNMENT:

1. **POSTER MAKING:** Create an attractive, eye catching and persuasive poster on any one of the given topics. You may use slogans.

- a) Value of books and good reading habits.
- b) Importance of exercise.
- c) Promotion of computer Education.

**WHERE TO DO:** A very well presented A 3 size sheet.

2. Sometimes, just saying red or green or white is not enough.

The colour has to be further described, like

- a) Black –Eyed Daughter
- b) Red Love – Knot
- c) Yellow Gold
- d) Golden Noon

**How to do-** Write down 20 words or expression that you can associate with the following colours and frame three sentences for the different colour each. BLUE, RED, WHITE, YELLOW, PINK, PURPLE

**\*WHERE TO DO:** Make flashcards for the words.

#### HINDI

##### 1. रचनात्मक लेखन—

- आप गरमी की छुट्टियों में जहां घूमने जाएं, वहां का वर्णन कम से कम 100 शब्दों में लिखकर चित्र भी लगाएं।
  - हिमायल से निकलने वाली नदियों के नाम एवम् उनका उद्गम स्थान लिखिए (संबंधित चित्र भी लगाएं)
2. प्रतिदिन एक पृष्ठ सुलेख करें। (सुलेख कॉपी में)
3. दैनिक समाचार में खेल समाचार पढ़ें और मुख्य समाचारों का ड्राइंग शीट पर कोलाज भी बनाएं।

#### MATHS

- 1. Write few lines on any two Indian mathematicians.
- 2. Explore any five ways where you can use integers and fractions in day to day life.
- 3. Make a collage of different types of fractions .
- 4. Write the properties of integers with examples.
- 5. Time Management: Create a schedule or calendar, using integers and fractions to manage time and prioritize tasks.

## SCIENCE

1. Select a science book or movie that interests you, such as a documentary, science fiction, or a book on scientific discoveries. Read the book or watch the movie during the summer holidays. Prepare a report on A- 4 size sheet.

### Report Format:

- **Title Page:** Include the title, author/director, and your name.
  - **Summary:** Write a concise summary of the book or movie (approx. 200-250 words).
  - **Key Points:** List the main scientific concepts or discoveries discussed in the book or movie.
  - **Opinion and Reflection:** Share your thoughts and opinions about the book/ movie.
2. Create a unique Father's Day card using turmeric paper and soap solution.

### Instructions:

1. Prepare turmeric paper by mixing turmeric powder with water or using pre-colored paper.
2. Apply soap solution to the paper using a paintbrush or sponge to create a design.
3. Add colors and textures using markers or colored pencils.
4. Cut the paper to fit the cardboard base and glue it on.
5. Write a heartfelt message or draw a picture to appreciate your father.

### (Physics)

#### Projects

##### 1. Insulated Box Challenge

- **Objective:** Design and build an insulated box to keep hot water warm for a longer period.
- **Materials:** Cardboard box, newspaper, foam sheets, cotton, aluminum foil, glue, scissors, thermometer.
- **Procedure:**
  1. Design and build the insulated box using everyday materials.
  2. Fill the box with hot water and measure the temperature at regular intervals.
  3. Record the results and compare with a control setup (hot water without insulation).

##### 2. Solar Oven

- **Objective:** Create a simple solar oven to demonstrate the power of solar energy.
- **Materials:** Pizza box, aluminum foil, plastic wrap, scissors, tape, thermometer.
- **Procedure:**
  1. Design and build a solar oven.
  2. Test the oven by placing a thermometer inside and measuring the temperature.
  3. Record the results and discuss the potential applications of solar ovens.

### Experiments

#### 1. Comparing Insulators

- **Objective:** Investigate which materials are good insulators.
- **Materials:** Thermometer, cotton, foam, paper, stopwatch.
- **Procedure:**
  1. Wrap the thermometer in each material and place it in hot water.
  2. Measure the temperature change over time.
  3. Record the results and compare the insulating properties of each material.

#### 2. Heat and Temperature

- **Objective:** Understand the difference between heat and temperature.
- **Materials:** Thermometer, hot water, stopwatch.
- **Procedure:**
  1. Measure the temperature of hot water at regular intervals.
  2. Record the results and plot a graph of temperature vs. time.
  3. Discuss the difference between heat and temperature based on the results.

## SOCIAL SCIENCE

### Guidelines:

1. Every student needs to submit the two (02) summer work in total. One each of his/ her choice from both assignment groups. Both summer works will not be considered if selected from same assignment group.
2. Assignment 2 will be compiled in scrap book with neatness and clarity.
3. Videos will be shared on summer assignment WhatsApp group/ online platform.



**Assignment I- (Any One)**

Prepare a working Model/3D Model on any of the following topic-

- i. **Geography:** Geographical diversity of India, Weather instruments, Climate change and its impact.
- ii. **History:** Features of an empire, Time line of Mahajanpadas, Prominent dynasties of the Indian sub- continent, Evolution of money in India.
- iii. **Civics:** Functions of government, Fundamental principles of democracy, Key features of Indian constitution, Types of Market.

**Assignment II- (Any One)****Integrated/Interdisciplinary:**

- i. Make a scrap book and highlight the various geographical, historical, and cultural aspects i.e. geographical features, population, language, dress, food, traditions etc. of any one state of your choice (Northern, Southern, Eastern or Western part of the country). (Art integration).
- ii. Select any five Central government schemes that ensure equality to its citizens, and write a brief about it on the following points- name of the scheme, when launched, who launched it, for whom it is launched, any other information you like to add (Public administration and GK integration).

Coordinator

Vice Principal

Principal