

# **DAV PUBLIC SCHOOL, PUSHPANJALI ENCLAVE**

## **Class VII Holiday Homework 2026-27**

### **ENGLISH**

This interdisciplinary project on the theme “Family & Relationships” is being conducted by DAV in collaboration with Kaushal Bodh for class VII, aiming to develop students’ understanding of familial bonds, values, and evolving lifestyles across generations.

The project is thoughtfully divided into two segments to ensure both practical engagement and analytical thinking.

The first segment (Roll No. 1–25) focuses on the creation of a “Family Health Handbook.” In this activity, students will study and document the health patterns of different family members across age groups. The handbook will include aspects such as diet, sleep patterns, lifestyle habits, and physical exercise, encouraging students to observe, analyse, and promote healthy living within their families.

The second segment (Roll No. 26 onwards) explores the theme “Then vs Now – Changing Family Lifestyles.” Students will examine the transformation in family life over time by interacting with elders and comparing past and present practices. Key focus areas include professions, traditional recipes, women empowerment, and environmental practices, enabling students to understand social change and its impact on relationships and values.

Through this collaborative initiative, students will not only enhance their research, communication, and presentation skills but also develop a deeper appreciation for family dynamics, cultural heritage, and the importance of balanced living in modern times.

### **HINDI**

#### **अनुक्रमांक (1-14)**

- 1. ब्रोशर निर्माण -(पेड़ बचाओ, जीवन बचाओ)**

#### **अनुक्रमांक (15-28)**

- 2. माउंट एवरेस्ट पर चार्ट / पोस्टर**

★एवरेस्ट की ऊँचाई, स्थान, तापमान, कठिनाइयाँ आदि लिखें

★पर्वतारोहियों की तस्वीरें और जानकारी जोड़ें

★रंगीन और आकर्षक प्रस्तुति करें

अनुक्रमांक (29-43)

3. पाठ 1 (बारहमासा)पर आधारित हिंदू कैलेंडर का कॉलाज प्रदर्शन ।

अनुक्रमांक (44-57)

4. कबीर, रहीम तथा वृंद के जीवन, दोहों और शिक्षाओं के आधार पर एक आकर्षक मैगजीन तैयार कीजिए।

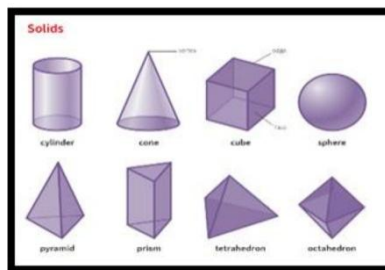
## MATHS

1. Do worksheets of Ch1 , Ch 2 and a computation thinking worksheet in your maths register.

<https://drive.google.com/drive/folders/1CYgebTIA-iknuxexlwSmrQFKAcfNIL8d>

2. Project on visualising solids (To be done in maths activity file)

Page 1: Introduction of 2D shapes and 3D shapes



Page 2: Draw the labelled figures of the following shapes given below in the table and complete the table by observing the shapes.

<u>Shape</u>	<u>Number of vertices</u>	<u>Number of edges</u>	<u>Number of faces</u>
Cube			
Cuboid			
Prism			
Square pyramid			
Cone			

### 3. Exhibition work: Theme - NEP 2020: Vidya ka Safar

Mathematics is a journey of discovery where learning connects with real life. In this Vidya ka Safar, you will explore shapes, patterns, symmetry, and designs around you through fun and creative activities.

This homework encourages you to observe, think, and create while applying mathematical concepts in everyday situations.

The following work has been allocated to the students according to their roll numbers:

### **Roll number 1-10**

Design a **\*beautiful and eye-catching wall hanging\*** that brings any one mathematical concept to life in a unique and artistic way. Let your work not just decorate the wall, but also **\*tell a story of maths\***—clearly explaining the concept through visuals, designs, and real-life connections.

You are encouraged to think beyond the usual—**\*\*reuse and recycle waste materials\*\*** like old newspapers, magazines, cardboard, fabric pieces, or threads to create something innovative and eco-friendly . Add colors, patterns, layers, and creative elements to make your wall hanging truly stand out.

### **Roll number 11 -20**

#### **Photography**

Click and paste on a A3 size sheet -

6 real life pictures showing different types of triangles on the basis of

a) **\*Sides\*** - Equilateral, Isosceles and Scalene.

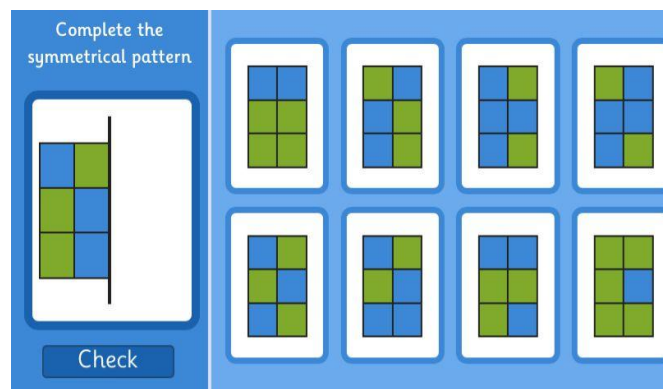
b) **\*Angles\*** - Acute angled triangle, Right angled triangle and Obtuse angled triangle.

### **Roll number 21 -30**

#### **Symmetrical Puzzle Game**

Create a card game of different patterns where a player needs to select the correct option which matches the symmetry.

**\*Note\*** You can use different shapes and objects like emojis, pizza slice etc



### **Roll number 31- 40**

#### **Part 1: Advertisement Creation**

Design an attractive advertisement on chart paper for any product (e.g., clothes, stationery, electronics, etc.). Your advertisement must include:

**\*Product name and images/drawings**

**\*Price list of items**

**\*Discount offers (e.g., 10% off, Buy 1 Get 1 Free, etc.)**

#### **Part 2: Real-Life Application**

Based on your advertisement, create a real-life situation involving a customer purchasing items using the given discounts.

Then, frame and solve at least 2–3 questions based on this situation.

(Example: Calculate the final price after discount, total bill for multiple items, savings, etc.)

Example for reference:

ITEM	ORIGINAL PRICE	DISCOUNT	FINAL PRICE
Notebook (1)	₹ 50	20% OFF	₹ 40
School Bag	₹ 800	25% OFF	₹ 600
Pencil Box	₹ 120	10% OFF	₹ 108
Colour Set	₹ 200	15% OFF	₹ 170

**SPECIAL OFFER** ★ BUY 2 NOTEBOOKS, GET 1 FREE

**FLAT ₹ 100 OFF** ON SHOPPING ABOVE ₹ 1000

**BETTER STUDY, BRIGHT FUTURE!**

### **Roll number 41 onwards**

#### **Part A: Poster Making on a chart paper.**

Design a creative poster on your favourite IPL team including:

Team name

Logo (drawn)

Favourite player

A catchy slogan

#### **Part B: Data Handling & Percentage**

1) Find the total number of IPL trophies won by all teams and present the data of any 6 teams as a bar graph on a graph paper.

2) Calculate the percentage of trophies won by each team.

Note: Divide the chart paper into two halves to do part A and part B of the above activity.

## **SCIENCE**

**Exhibition work to be done according to your roll numbers:**

### **1. Myth Vs. Science Booth (1-11)**

This section aims to challenge common misconceptions using simple scientific experiments. Students will present them on flash cards along with their explanations. They can even ask relatives and friends whether they believe a statement is true or false, and then explain if their belief is right or wrong based on scientific explanation.

Examples:

“Cold weather causes cold”

“Plants don’t breathe”

“Role of diaphragm in breathing”

## **2. Food Detective Lab (12-22)**

This zone allows students to become “food scientists” by testing everyday food items for nutrients using simple chemical tests. Students will present their observations on A4 sized sheets.

Examples:

Starch test using iodine solution (to test adulterated food items)

Protein test

Sugar test

## **3. Make Your Own Indicator (23-33)**

During the holidays, the child will prepare natural indicators using materials like turmeric and hibiscus. They will test different household substances and note the color changes. The child will record observations in a table and draw neat diagrams to explain the activity.

## **4. DIY Microscope Corner (34-44)**

Students will make a simple DIY microscope using a drop of water or lens. They can experience different kinds of microscopic cells under microscope like onion peel cell, stomatal cell and human cheek cells to appreciate the creativity of nature.

## **5. Disaster Simulator Zone (45-last roll no.)**

Students will prepare working models to demonstrate how natural phenomena like earthquake, volcanic eruptions and tsunami like disasters occur and also explain the trigger factors for such activities and how human lives can be protected.

## **SST**

### **CLASS 7-B**

#### **TOPIC -The Landforms of the world**

Group 1 – Chart Making (Roll No. 1–11)

Prepare a colorful chart showing the major landforms of the world (mountains, plains, plateaus, deserts, and coastal areas) with pictures and conservation methods.

Group 2 – Wall Hanging (Roll No. 12–22)

Create an attractive wall hanging using craft material showing different landforms of the world and messages on their conservation.

Group 3 – Flash Cards (Roll No. 23–33)

Prepare flash cards with names, features, examples, and conservation methods of each landform.

Group 4 – Models (Roll No. 34–44)

Make a 3D model showing mountains, plains, plateaus, deserts, and coastal plains using clay, cardboard, etc. (Any One Landform)

Group 5 – Posters (Roll No. 45–56)

Design awareness posters on the theme “Save Our Landforms, Save Our Future” with slogans and pictures.

## **CLASS 7-C**

### **TOPIC – ART AND ARCHITECTURE OF DELHI SULTANATE**

Group 1 – Chart Making (Roll No. 1–11)

Prepare a colorful chart showing famous monuments with their location, history, and special features.

Group 2 – Travel Brochure (Roll No. 12–22)

Design an attractive travel brochure highlighting important heritage sites of Delhi sultanate, how to reach them, and why tourists should visit them.

Group 3 – Bookmarks (Roll No. 23–33)

Create creative bookmarks with pictures and short facts about famous monuments of Delhi along with inspiring quotes.

Group 4 – Models (Roll No. 34–44)

Make a 3D model of any famous monument / heritage sites built during Delhi sultanate using clay, cardboard, or waste materials.

Group 5 – Posters / 3D Presentation of Monuments (Roll No. 45–56)

Prepare posters or a 3D presentation showing architecture, carvings, and importance of preserving heritage.

## **CLASS 7-D**

### **TOPIC- Democracy in Action**

Group 1 – Chart Making (Roll No. 1–11)

Prepare a colorful chart showing the election process in India, importance of voting, and the role of citizens in democracy.

Group 2 – Model Making – EVM (Roll No. 12–22)

Make a creative model of an Electronic Voting Machine (EVM) using cardboard, waste material, or craft items. Label its important parts clearly.

Group 3 – Posters (Roll No. 23–33)

Design an awareness poster on the theme “Every Vote Matters” showing the importance of voting in a democracy.

Group 4 – 3D Presentation – Fundamental Rights (Roll No. 34–44)

Prepare a 3D presentation showing the Fundamental Rights and fundamental duties of Indian citizens with examples and creative illustrations.

Group 5 – Poster on Political Party Symbols (Roll No. 45–56)

Create a poster showing different political party symbols of India and write the names of the parties along with their importance in elections.

## **CLASS 7-E**

### **TOPIC - TYPES OF FOREST IN WORLD.**

Group 1 – Chart Making (Roll No. 1–11)

Prepare a colorful chart showing the types of forests in the world, their features, locations, and methods of conservation.

Group 2 – Wall Hanging (Roll No. 12–22)

Create an attractive wall hanging using craft material showing different forests of the world and messages on forest conservation.

Group 3 – Flash Cards (Roll No. 23–33)

Prepare flash cards with names, features, examples, and conservation methods of each type of forest.

Group 4 – Models (Roll No. 34–44)

Make a 3D model showing diverse types of forests of the world using clay, cardboard, or waste materials.

(Any One Type of Forest)

Group 5 – Posters (Roll No. 45–56)

Design awareness posters on the theme “Save Forests, Save Life” with slogans and pictures.

## **CLASS 7-F**

### **TOPIC – ART AND ARCHITECTURE OF THE MUGHAL EMPIRE**

Group 1 – Chart Making (Roll No. 1–11)

Prepare a colorful chart showing famous buildings/ monuments of the Mughal Empire with their location, history, and special features.

Group 2 – Travel Brochure (Roll No. 12–22)

Design an attractive travel brochure highlighting important heritage sites of the Mughal period, how to reach them, and why tourists should visit them.

Group 3 – Bookmarks (Roll No. 23–33)

Create creative bookmarks with pictures and short facts about famous buildings of the mughal empire along with inspiring quotes.

Group 4 – Models (Roll No. 34–44)

Make a 3D model of any famous monuments using clay, cardboard, thermocol, or waste materials.

Group 5 – Posters / 3D Presentation of Temples (Roll No. 45–56)

Prepare posters or a 3D presentation showing mughal architecture, carvings, and importance of preserving heritage sites.

**Instructions:**

- Work should be neat, creative, and informative.
- Use eco-friendly and waste materials wherever possible.
- Write your name, class, section, and roll number clearly.

**SANSKRIT**

कणिका से प्रारम्भिक पाँच गयांश, 5 अव्यय, 5 चित्र, 5 धातु रूप, 5 शब्दरूप

**1 से 5 रोल न . -**

पाठ उपकारका : वृक्षा :- वृक्षा की महत्ता बताते हुए दश वाक्य लिखे और पौधा लगाते हुए अपना चित्र लगाए ।आपके घर में कितने पौधे हैं चित्र लगाएं।

**(6 से 10 तक) -**

वर्णमाला क्रीडा

**(11 से 20 तक)**

वर्णमाला ( बन्धन वार )

**(21से-30 तक)**

सभी विभागो के ध्येय वाक्य ( प्रत्येक विद्यार्थी 3 से 4 लिखे )

**(31 - 40 तक)**

श्लोका ( मधुरा: श्लोका: / सुवचनानि )

(चित्र सहित )( हरे चार्ट पर बनाए )

## **(41 से 50 तक)**

आगच्छ भोजनं कुर्याम - किस -2 सब्जी से कौन से पोषक तत्व प्राप्त होते हैं चित्र बनाकर हरे चार्ट पर लिखे ।

## **(51 से 60 तक)**

”संस्कृत दिवस ”कार्ड बोर्ड पर बनाकर लेकर आए ।

सभी छात्र रंग - बिरंगे पुष्प बनाकर लेकर आएंगे ।

## **COMPUTER**

Make a newsletter on the following topics in **CANVA Software** along with a chart given according to your Roll no. and save it in **pen drive in pdf format** and submit to your respective computer teacher as and when informed.

**Roll no. 1-10 -** AI for Fake News Detection- Identifies false information online

**Rollno. 11-20 -** AI in Daily Life

- Voice assistant
- Project idea: “How AI Works in Your Phone”

**Rollno. 21-30 -** AI & Cybersecurity

AI detects: \*Hackers \* Online threats

Project idea: “AI Cyber Safety System”

**Rollno. 31-40 -** AI in Agriculture (Smart Farming)

- AI helps farmers:
- Predict weather
- Improve crop yield

Project idea: “Smart Farming with AI”

**Rollno. 41 Onwards -** Deepfake & AI Media Awareness

- AI can create fake videos/images
- Project: “Real vs Fake AI Content Detection”

## **ECO**

Creating a beautiful decorative pot for a vertical garden by using old glass/plastic bottles by painting/decorating them.

## **ART**

**Theme:** VIDYA KA UTSAV

**Topics :** draw and paint or make one model on the theme.

**For drawing and painting :**

**Saraswati Devi, Rishi Muni, study material or equipment, ink pot with quill etc.(anything related to education)**

**- size A3 sheet minimum.**

**For model making:**

**books Vedas study material or equipment etc.(anything related to education)**

**Size 1X1 Feet minimum.**