

**D.A.V PUBLIC SCHOOL, SECTOR -7, ROHINI
Summer Holidays Homework -2026-27
CLASS- VIII**

Let the Holiday Adventures Begin!

The much awaited and joyful holidays are finally here — a perfect, golden and beautiful

opportunity to relax, refresh and recharge your wonderful minds!

As someone truly and wisely said —

☀ "Learning never stops — it only changes its place!"

How beautifully and profoundly true! Use this precious and wonderful time to create warm

and cherished memories with your loving family, explore the breathtaking beauty of nature

around you, lose yourself in the magical and captivating world of books and most excitingly

— try something completely new and adventurous!

To keep your brilliant, creative and curious minds actively engaged and joyfully inspired

we have thoughtfully and lovingly planned some truly fun, meaningful and exciting

activities just for you!

These are not merely tasks or assignments — they are wonderful and extraordinary

opportunities to learn, create, explore and grow in the most enjoyable and memorable ways

possible!

So dear bright and shining stars — embrace your holidays with boundless enthusiasm,

endless curiosity and a joyful spirit!

Stay curious, stay creative and make every single precious moment truly count!

ENGLISH

Write articles on the following topics in about 120- 150 words The work is to be done on the A4 size sheet and compile it in the portfolio. This homework is compulsory for all the students

1. Changing Trends in Family and Social Values

2. Impact of Media on Teenagers

3. Caring for the Elderly

4. Bridging the Generation Gap

5. Good deeds reflect good character

Q2 The following work has to be done roll number wise

Rollno(1-10)

Book Review

Read one interesting storybook or novel of your choice during the vacation. Write a book review covering the title,

author,

main characters,

summary of the story and your personal opinion about the book.

Draw or print a picture of the book cover as well

You can download the PDF copy of any book you want to read from www.pdfdrive.com

Roll no (11-20)

My News Scrapbook

Read a newspaper daily and cut out five interesting news articles from different categories such as sports, science, environment and current affairs.paste them in a scrap book and make it a colorful presentation

Roll no.(21-30)

My Summer Journal

Maintain a personal diary or journal throughout the vacation. Write about your daily or weekly experiences, feelings, memorable moments and interesting observations. Use colorful pens, sketches and stickers to make it creative and attractive.

Roll no (31-40)

My Dream Travel Diary

Create a beautifully illustrated travel diary of any one country or place in the world that you dream of visiting someday. Include information about its location, language, culture, cuisine, famous landmarks and reasons why you wish to visit it. Use pictures, maps and drawings to make it visually stunning and appealing.

Roll no (41-50)

Learn New Recipes

Learn to cook or bake three new dishes at home with the help of a parent or guardian. Write down the complete recipe with ingredients and method. Click photographs of the cooking process and the final dish and paste them on A4 size sheet and compile it in a folder creatively.

HINDI

रोल नंबर 1-10 – उपसर्ग एवं प्रत्यय

1 .उपसर्ग और प्रत्यय शब्दों के ऐसे भाग हैं, जो शब्दों के अर्थ को बदलकर उन्हें नया रूप देते हैं। इनसे भाषा अधिक समृद्ध और प्रभावशाली बनती है।

उपसर्ग एवं प्रत्यय पर एक आकर्षक 3D मॉडल बनाएं, उदाहरण सहित।

रोल नंबर 11-20 – समास

समास में दो या अधिक शब्द मिलकर एक नया और संक्षिप्त शब्द बनाते हैं। इससे भाषा सरल और प्रभावशाली बनती है।

समास पर एक सुंदर मॉडल उदाहरण सहित बनाएँ ।

रोल नंबर 21-30 – जल संरक्षण

जल जीवन के लिए अत्यंत आवश्यक है। इसकी कमी आज एक गंभीर समस्या बनती जा रही है, इसलिए जल बचाना बहुत जरूरी है। जल संरक्षण' पर सचित्र स्लोगन लिखें या एक विज्ञापन बनाएँ । (A4/चार्ट पेपर)।

रोल नंबर 31-40 – कल्पना चावला

कल्पना चावला सिर्फ एक नाम नहीं, बल्कि सपनों को साकार करने का प्रतीक हैं। उन्होंने यह साबित किया कि मेहनत और दृढ़ संकल्प से कोई भी ऊँचाई पाई जा सकती है। उनकी जीवनी, कठिनाइयों और उपलब्धियों पर एक सचित्र परियोजना बनाएँ।

आवश्यक निर्देश

कार्य परियोजना के लिए निम्नलिखित बिंदुओं को ध्यान में रखिए -

जैसे:- कवर पेज, मेरा परिचय, विषय सूची और अभिस्वीकृति

रोल नंबर 40-50 – नैतिक मूल्य

नैतिक मूल्य जैसे मीठी वाणी, दया सच्चाई, ईमानदारी, सहयोग आदि हमारे जीवन को उचित दिशा प्रदान करते हैं।

किसी एक जीवन मूल्य पर आधारित 3 सूक्तियाँ लिखकर 3D मॉडल बनाएँ।

सभी विद्यार्थियों हेतु अनिवार्य

कॉपी में करवाया गया कार्य दोहराएं।
प्रतिदिन अपनी पाठ्यपुस्तिका में से पाँच कठिन शब्द अर्थ सहित लिखें ।

MATHS

- **Make an assignment copy and complete the assignments.**

Assignment 1 (square and square roots)

Assignment 2 (cube and cube roots)

Assignment 3 (parallel lines)

PORTFOLIO WORK

- 1. On A-4 size sheets, create attractive square and cube root clocks .**
(Assessment will be based on your creative art and presentation)
- 2. Make a project on Life history of any Indian Mathematician and his/her contribution in the field of Mathematics. (Use A4 size coloured sheet, coloured pens, etc. and paste it in a PORTFOLIO)**

CREATIVE WORK

1.

(Students with roll no. 1-14)

Based on the knowledge of 2-D shapes then progressing to 3-D solids shapes then progressing further to prism and pyramids. Make 3-D models of prisms (2shapes) and pyramids (2shapes) using their nets and verify EULER FORMULA.

2. (Students with roll no. 15-28)

Create a 3-D Town/City placing specific buildings in appropriate angles i.e Show your school and a park at corresponding angles/Alternate exterior angles . Students must show one example of these angles .

3. (Students with roll no. 28 onwards)

Make a mathematical magazine on the types of Quadrilaterals . At least 3 examples of quadrilaterals with well labelled shapes and information like properties write about one mathematician who contributed towards the concept of quadrilaterals also write one interesting crossword ,riddle,poem etc.

SCIENCE

During summer break an interesting and enriching holiday homework has been devised to engage all students at home based on constructive activities consisting of a model and a project.

Each student is required to make a model and prepare a portfolio activity for internal assessment according to their roll number.

ROLL NO	MODEL	PROJECT REPORT
1-10	Make a model of a plant cell/animal cell using eco friendly material.	Microorganisms are helpful friend in our kitchen .They are used to make many tasty and healthy food items like cheese, curd and cake that we eat Daily .Make a list of five microorganisms that are used in making curd, cakes and antibiotics and and explain where these microorganisms are found in food and how do they help us.
11-20	Prepare a fermentation model using yeast, warm water,sugar and balloon . Write a short note on fermentation and explain how it works in making bread, cake and curd. OR Prepare a model of water filter using waste materials(cotton,Activated charcoal,Fine sand, coarse sand ,Gravel)to demonstrate how filtration works: dirty water in and clean water out.Also tabulate on chart the role of materials used.	Prepare a paper presentation on the topic- How to take care of eyes in the Digital Age 20-20-20 rule,diet checkups and smart screen habits.

21-30	<p>Prepare a model to show the conversion of magnetic energy into electrical energy.</p> <p>OR</p> <p>Prepare a working model for conductivity tester using battery ,LED and wires for testing iron nail ,coin, pencil lead ,eraser plastic scale etc . Prepare a chart to classify the materials as conductors and insulators.</p>	<p>Prepare a paper presentation on the topic Ganga action plan: what it is ,why it is needed, three successes and three challenges.</p>
31-40	<p>Prepare a working model for hydraulic Jack using syringes to show how small push lifts heavy books.</p>	<p>Prepare a survey report from your surrounding on at least 10 diseases caused by microorganisms. Write its symptoms, causative organisms and method of prevention/vaccination in tabular form.</p>
41-49	<p>To prepare a model of Eye defect correction using cardboard boxes convex and concave lens for correcting Hypermetropia and Myopia.</p> <p>OR.</p> <p>Prepare a Model on the working of the Human eye and show its different parts.</p>	<p>Prepare a survey report on “ cause and effects of noise pollution and measures taken to minimize its effects of noise pollution”.</p>

SOCIAL SCIENCE

COMPULSORY FOR ALL

1) Chapter 3 Vegetation and Wildlife:-

Make a 3D model showing forest versus deforested land by using cardboard & eco friendly material

2) Chapter 9- Establishment of company rule in India:-

Timeline chart from trader to Ruler

Make a timeline chart showing how the East India company became a political power from 1600 to 1857 on a cartridge sheet

Key points to include:-

***Carnatic wars(1746-1763)**

***Battle of Buxar (1764)**

***Concept of dual government in Bengal (1765 to 1772)**

***Anglo Mysore wars (1767 -1799)**

***Anglo Maratha was (1775 -1818)**

***Anglo Sikh wars(1845- 1849)**

***End of company rule (1857)**

Connect the events with arrows and attached relevant big sized pictures wherever necessary

Chapter 22- Safeguarding the Marginalized

Research any two government schemes or laws like SC/ ST prevention of atrocities act 1989 or the right to education act 2009 Create a foldable brochure highlighting the objectives, key features and one success story of the scheme or law. Paste relevant pictures also.

ROLL NO WISE H.W

Roll no.1 to 8

Policy poster making on land revenue systems.

Make three mini posters on an A3 size sheet comparing Permanent, Ryotwari and Mahalwari systems

Key points for comparison:-

1) who introduced

2) where was it introduced

3) who paid taxes?

4) advantages from the British point of view

5) disadvantages from Indian point of view

Roll no 9 to 16

"Rights ke sath kartavya bhi"- understanding the balance

Make a six panel comics strip on a cartridge sheet showing a situation where a fundamental right is violated and then protected
example -right to equality- a girl denied School admission then she uses RTE and gets admission

Key points to include -

Name of the right

Article number

Dialogue bubbles

Solution showing constitutional help

Roll No 17-24

Create a 3D cut section of land on a cardboard showing soil layers. On one side show soil erosion and on the other side show soil conservation methods.

It should be a working model.

Roll No 25-32

Create a mini farm on a cardboard divided into four sections showing crops grown on soil, a working irrigation system example drip irrigation, a water source (tank or well)

It should be a working model when operated water should flow through pipes and irrigate crops just like real farming.

Roll no 33 to 40

Newspaper making Topic -Revolt of 1857

Front Page-Breaking News

News Headlines - Bold headlines like

***Revolt erupts in Meerut**

***Sepoys challenge British rule**

On the ground -

***Report from places like Meerut and Delhi**

***Interview section- Mangal Pandey, Rani Lakshmi Bai, Bahadur Shah Zafar etc**

***Map section -revolt centre- Kanpur, Lucknow, Jhansi etc**

***Add date, include map/ sketch**

***Causes column**

***Result and impact section**

***Include cutouts or small visuals of places of the revolt, thematic images/ pictures of soldiers ,British officers, weapons, pictures of old forts and battlefields**

***Cut out ideas -breaking news box -speech bubble**

-flag cutouts

-pictures relevant to the topic

Roll no 41 onwards

***Model of working electronic voting machine (EVM)**

SANSKRIT

कक्षा - अष्टमी (ग्रीष्मावकाश -गृहकार्यम्)(2026-2027)

सभी छात्रों को सुखमय भविष्य के लिए परम पिता से मंगलमय कामना ईश्वर आपको परिवार सहित सुखी और स्वास्थ्य रखें।

1-: अनुक्रमांक एक से दस तक सभी छात्र(भारते जल सञ्चय विषये ,जल संरक्षण विषये) एक सुंदर निबंध संस्कृत भाषा में लिखें।

2-: अनुक्रमांक 11 से 20 तक सभी छात्र (सर्वे भवन्तु सुखिनः) विषय पर संस्कृत भाषा में निबंध लिखें।

3-: अनुक्रमांक 21 से 30 तक सभी छात्र (भारतीय जीवन में पर्वों का महत्त्व) इस विषय पर संस्कृत भाषा में निबंध लिखें।

4-: अनुक्रमांक 31 से 40 तक सभी छात्र (ग्रीष्मकालीन यात्रा) पर एक निबंध संस्कृत भाषा में लिखें।

5-: अनुक्रमांक 41 से अंत तक सभी छात्र(विद्या, सत्संगति :, परोपकार ,)इन विषयों पर संस्कृत भाषा में श्लोक लिखें ।

नोट -: निबंध, श्लोक लेखन ,a4 शीट पर सुंदर चित्र सहित व्यवस्थित रूप में होना चाहिए।

सभी कार्य सुव्यवस्थित और सुंदर बनाओ।

AI / ICT -HOLIDAY HW- 2026-27

1) AI TASK- “Know Your Surroundings” (To be done in a group of 3 to 4 students)

We are surrounded by many devices and machines that make use of Artificial Intelligence. Every machine is operated in a different manner. Find out five such devices or applications in your day to day surroundings.

Mention their name, their features and how do you think, they make use of AI. Also try to paste/ insert pictures of these devices. Do this work in Google docs/canva/google slides or any other app, where you can share your file with each other and work in collaboration. Do write the names of all the group members along with your class and section at the bottom of the sheet. Submit the coloured printout after summer vacations.

2) ICT Activities- (To be done individually by each student as per Roll no mentioned) In your computer notebook , draw a table and do the activities from your ICT Text book. Also paste relevant pictures, to make your work more presentable.

a) Roll No. 1-12 - Activity from P-12,13 based on Bluetooth & infrared technology.

b) Roll No 13-24 - Activity from P- 15 based on internet technology.

c) Roll No-25-36 Activity from P- 19 based Internet service provider.

d) Roll no 37 till last roll no- Advantages and disadvantages of three types of network cables from P- 10 & 11.

3) Hands-On Learning with No-Code AI Tools (as per CBSE Curriculum)

You don't need to be a computer programmer to build AI models. No-code AI tools allow anyone to create AI applications by simply providing examples. These tools use simple graphical interfaces where you upload data and train models with a few clicks.

Try to understand and learn One of the Popular No-Code AI Platforms-

Teachable Machine- (teachablemachine.withgoogle.com). Projects will be given after the vacations on the same.

[* IMP- Since the above platform requires internet and camera enabled device , hence must be done under parental supervision and guidance]

Working with Teachable machine-

<https://youtube.com/shorts/osesR7StRx4?si=JYjNdTmkxpep3Kph>

Teachable machine step1- gather samples-

<https://www.youtube.com/watch?v=DFBbSTvtpy4&list=PPSV>

Teachable machine step 2 Train your model -

<https://www.youtube.com/watch?v=CO67EQ0ZWgA&list=PPSV>

Teachable machine step 3 Export your model –

<https://www.youtube.com/watch?v=n-zeeRLBgd0&list=PPSV>

[* *Holiday HW is a part of Term1 Assessment for AI & ICT, hence must be submitted by each student*]