

D.A.V PUBLIC SCHOOL, SECTOR -7, ROHINI

Summer Holidays Homework -2024-25 Class VIII

Summer is Here: Time to Shine!

The summer is here! Sunshine, freedom, and endless possibilities await. As the quote says, "Leisure is a prerequisite to fulfill one's dreams and aspirations."

Think of summer vacation as a chance to recharge your batteries. Take a break from going to school regularly and explore the world around you. Spend quality time with your loved ones, rediscover your hobbies, or even pick up something new!

We've got a whole bunch of exciting activities planned to keep you energized and creative. These activities will not only be fun, but they'll also help you review what you learned in school and make those lessons come alive!

So relax, unwind, and embrace the summer spirit. It's time to learn, explore, and create - all while having a blast!

ENGLISH -

1. Write an article on the following topics in about 120- 150 words. The work is to be done on A4size sheet. Compile it in the portfolio. This homework is compulsory for all students

- a) Media-impact on teenagers
- b) Good deeds reflect good character
- c) Changing trends in family and social values
- d) Bridging the generation gap

2. The following work has to be done roll number wise

(1-15) Read a book of your choice and write its summary, mentioning what you have learnt from that book on A4size sheet . Write a review including Title Main characters Plot Theme You can download the PDF copy of any book you want to read from www.pdfdrive.com Roll no.

(16-30) Craft atleast 5 thought-provoking bookmarks adorned with inspirational quotes, vibrant colors and imaginative designs to illuminate literary journeys during this revitalizing break.This has to be compiled in portfolio after assessment

(31-48) Word Cloud Collage: Create a word cloud collage representing a specific theme or topic for example politics, nature, emotions, friendship, adventure, sports, technology, dreams, aspirations, etc .Cut out words, phrases, and images from magazines, newspapers, or printed materials, and arrange them artistically on A4size sheet to convey your chosen theme visually.

HINDI-

1. हिंदी शब्दकोश का निर्माण करें। प्रत्येक वर्ण से 5 शब्द लिखकर उनके आगे संज्ञा , सर्वनाम, विशेषण अथवा क्रिया पद अंकित करें। शब्दकोश को अपना नाम दें व स्वेच्छा अनुसार सुसज्जित कर स्पाइरल बाइंडिंग करें।
2. 'दहेज प्रथा एक अभिशाप' विषय पर स्लोगन लिखते हुए एक सुंदर पोस्टर ए3 शीट पर तैयार कीजिए।
3. सत्य व अहिंसा के पुजारी, राष्ट्रपिता महात्मा गाँधी के जीवन से आप क्या सीख सकते हैं ? अपनी पाठ्य पुस्तक ज्ञान सागरपाठ 6 'आश्रम के अतिथि और संस्मरण 'के आधार पर लिखिए।

आपका कार्य आंतरिक मूल्यांकन के अंतर्गत जाँचा जाएगा।

MATHEMATICS -

GENERAL INSTRUCTIONS:

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. Make a colorful Rangoli using GeoGebra. Take out its print and paste it in PORTFOLIO FILE.

<https://www.youtube.com/watch?v=5nNptcESMy8>

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

file.

3. The Sustainable Development goals(SDGs) is an aim to end poverty and inequality, protect the planet and ensure that all people enjoy health justice and prosperity. Therefore take a printout of image of 17 SDG goals and circle the perfect square numbers with blue and perfect cube numbers with green.

SCIENCE -

1. Prepare a concept cartoon on a A 3 size/half cartridge sheet on the -
 - A. Earthquake - Roll no. 1-15
 - B. Conservation of plants and animals - Roll no. 16 - 30
 - C. Pollution of air - Roll no. 31 onwards(that must explain each subtopic as per information given in your textbook)
2. Complete the assignment of Ch- Combustion and paste that neatly in the notes register.

SOCIAL SCIENCE -

- 1) Learn all the work done till now thoroughly.
- 2) Preserve Portfolio Work in Social Science Portfolio.
- 3) Make best use of the material available in the house
- 4) Bold catchy captions or title relevant to the topic is preferred.

Portfolio Activities & Project Work (Compulsory for all the students):

Project 1: Select any one of the industries given below on the basis of ownership and prepare a case study on it. (Consult L-6)

- | | |
|----------------|-------------------|
| (i) TISCO | (iv) Lijjat Papad |
| (ii) Reliance. | (v) Infosys |
| (iii) Amul. | (vi) Wipro |

Note: Do this work on A-4 size coloured thick sheets.

Project 2: Prepare a scrap file or Photo album on any one of social reformers mentioned in chapter - 12

It must include:

1. Map of India-Identify the state to which the reformer belonged.
2. Picture of the reformer

3. Bio sketch
4. Contribution
5. Any other relevant information

Project 3: Prepare a wheel using cardboard on the different programmes launched by the government of India for the upliftment of the weaker section of the society. (Consult L-22)

SANSKRIT -

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(वसुधैव कुटुंबकम्) पृथ्वी दिवस पर 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(मम प्रिय मित्रम्) 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(जलम् एव जीवनम्)इस विषय पर संस्कृत भाषा में निबंध लिखें ।

नोट :- निबंध a4 शीट पर सुंदर चित्र सहित पीडीएफ रूप में होना चाहिए।

सभी कार्य सुव्यवस्थित और सुंदर बनाओ।

ARTIFICIAL INTELLIGENCE (A.I)/COMPUTER -

1. AI TASK- "Know Your Surroundings"

We are surrounded by many devices and machines that make use of Artificial Intelligence. Every machine is operated in a different manner. Find out three such devices 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 pictures of these devices. Do

this work on an A4 size cartridge sheet. You may use more than one sheet, if required. Write your name, class and section at the bottom of the sheet.

2. **WRITE A LETTER TO YOUR FUTURE SELF- “Imagining a world in 2030”**

Write a letter to your future self mentioning the things that you think you would probably be doing and experience in daily life in your future, justifying the role of AI in your life. You may download, print and fill the sample from the following link. Alternatively, you may also create your own sheet by taking help from the sample. You may draw or paste relevant pictures also in it to make it more attractive.

<https://drive.google.com/file/d/16HUf625L1NFwBa8CjBOzJ3jfG2Ylq5ym/view?usp=sharing>

3. **ITS GAMING TIME- AI enabled games**

Play the following AI enabled games on any digital device available. Note down the date, time, device name and your score vs the machine score in your AI notebook as per the format given below. Play a minimum of 10 rounds for each game.

GAME1- Rock, Paper and Scissors (based on data)

URL - <https://next.rockpaperscissors.ai/>

AI DOMAIN USED- based on data

OBSERVATION – date / time/ device used and score

GAME 2- Semantris

URL - <https://research.google.com/semantris/>

AI DOMAIN USED- (based on Natural Language Processing - NLP)

OBSERVATION - date / time/ device used and score

GAME 3: Quick Draw

URL- <https://quickdraw.withgoogle.com/>

AI DOMAIN USED- (based on Computer Vision - CV)

OBSERVATION- date / time/ device used and score

ART- Complete page no. 1 to 20 in Art book

Make any useful thing from waste material.

MODELS-

English (R.No1-4)	Create a Travel Brochure: Design an attractive travel brochure for a destination of your choice. Research and include information about the place's history, culture, cuisine, places of interest, and travel tips. Use descriptive language and persuasive writing techniques to make the brochure appealing. You can use A4 size sheets for it . Minimum 3 sheets to be used covering both the sides.
Hindi (R.No 5-8)	हिंदी वर्णमाला पर आधारित सुंदर मॉडल बनाएँ। https://youtu.be/-UilaolfZW4?si=ePwV0U-MvIBRrjLU
Mathematics (R.No 9-12)	Make 3D shaped figures like cube,cuboid and cylinder using A4 size, cardboard, coloured sheets and mount board.Decorate figures with shells and other decorative items.
Mathematics (R.No 13-16)	Design and build a park model that demonstrates the properties and concepts related to parallel lines and their transversals.
Mathematics (R.No 17-20)	Design an innovative calendar model which depicts the concept of cube and cube root or square and square root or any other mathematical operations.
Science (R.No 21-24)	Prepare a neat and steady model set up or arrangement for the following activities. <ul style="list-style-type: none">● Ch- Force, Activity 8 and 9 (page no. 70 and 71)

Science (R.No 25-28)	<p>Prepare a neat and steady model set up or arrangement for the following activities.</p> <ul style="list-style-type: none"> ● Ch- Friction, Activity 1 and 4
Science (R.No 29-32)	<p>Prepare a neat and steady model set up or arrangement for the following activities.</p> <ul style="list-style-type: none"> ● Ch- Electric Current and its chemical effects , Activity 1 and 3 2
Social Science (R.No 33-37)	<p>Hydrological Cycle (Refer L-2)</p> <p>Note: Model should be of small size, beautiful and handy. Use eco-friendly material.</p>
Social Science (R.No 38-42)	<p>National Park or Wildlife Sanctuary (Refer L-3)</p> <p>Note: Model should be of small size, beautiful and handy. Use eco-friendly material.</p>
Social Science (R.No 43 onwards)	<p>Different types of Rocks with the help of Plaster of Paris/Cement and colour them accordingly. (Refer L-4)</p> <p>Note: Model should be of small size, beautiful and handy. Use eco-friendly material.</p>