

SUMMER VACATION



JYANTI PRASAD DAV PUBLIC SCHOOL
GARHI JHANJHARA ROAD, GANOUR
(UNDER THE DIRECT CONTROL OF DAV CMC, NEW DELHI)



HOLIDAYS' HOMEWORK

SESSION 2024-25

CLASS VIII

FOR ANY QUERY CONTACT: **0130-2450641**

A fully English medium and the best school in area for
all round development of students.

TOGETHER WE CAN

FROM JUNE 01, 2024 TO JUNE 30, 2024

Dear parents

We wish you a very happy and fruitful time with your children. Summer vacation is the most awaited time for the students as they want to play, enjoy and relish with their friends, neighbours and relatives. This is a time for them to stay away from the mundane schedule of daily life. They want to enjoy it in leaps and bounds. But we request you to keep their energy channelised. You should be a part of their enjoyment but time and again a check is required. Now it's your responsibility to make them stay connected with their studies along with fun and frolic & encourage them to do their homework in a neat and tidy manner.

Here are some of the suggested activities that you can do as a family:

- 1. Prepare a well-being plan for self.*
- 2. Stick to routines or starting new ones.*
- 3. Get up and go to sleep at regular times.*
- 4. Help them explore new hobbies and interest.*
- 5. Do karaoke, read, solve puzzles, play board games, etc.*
- 6. Keep a gratitude journal. Writing down three things you are grateful for every day. Congratulate yourself and others on having a "MEGA DAY".*
- 7. Take out time for Reading, Music, Dance, Singing, and Laughing.*
- 8. Set Challenges- Encourage each other to take up new activities and complete them.*
- 9. Be Creative with Space- Find a corner in the house and allow yourself and your children to decorate it.*
- 10. Involve your children in household activities also.*
- 11 Learn foreign languages through online courses available.*
- 12. Take them for outing to place of their interest & let them explore the world.*
- 13. Communicate with your children and let them know you fully.*

As parents you are requested to keep a watchful eye on your children and stop them from engaging in :

- 1. Excessive use of mobile phones.*
- 2. Playing online games*
- 3. Spending a lot of time alone away from family members.*

Be Safe



We're doing our homework to make sure we're prepared. - Gary Gait

Thomas A. Edison says "Genius is one percent inspiration and ninety-nine percent perspiration. As a result, a genius is often a talented person who has simply done all of his homework."

General Instructions:

- 1. Do your Homework in a separate 3 in 1 notebook (classes 1 and 2) & cover it properly.*
- 2. Do your Homework in separate 10 rs/- notebooks subject wise (classes 3 to 12) & cover it properly.*
- 3. Mention your details on your holiday's homework.*
- 4. Start your homework from very beginning of holidays to avoid stress and ensure high quality work as it has been assigned.*
- 5. Dedicate a specific time each day on your homework.*
- 6. Choose a dedicated area that is free from distraction to focus on your work.*
- 7. Present your homework in a neat and logical manner.*
- 8. Use clear handwriting, proper formatting and consistent spacing.*

Note:

- The best holiday homework of each class will be awarded.*
- It is a part of internal assessment for the final examination.*

WARM REGARDS

PRINCIPAL

1. Prepare a report on LIFE AND WORKS OF SAROJINI NAIDU Include the following sub points- (in A3 sheet)
 - a) Introduction
 - b) Birth
 - c) Parents
 - d) Education
 - e) Notable works
3. Make a decorative Tense Chart with Example.
4. Make something creative as a gift for your mother.
5. Read and Complete Unit-1 to 3 of MY ENGLISH READER BOOK and write word meaning in it.
6. Complete and Revise the syllabus done in the class.

7. Assignment

A. Answer the following Questions in 80 words.

1. Explain the answers got by the king. How are the answers related to the social life?
2. How did the king give an identification of him as a true king?
3. 'Knowledge gained through experience is far superior to and many times more useful than theoretical knowledge.' Discuss the above statement in the light of the fact that the hermit did not answer the king's questions as soon as they were put to him.
4. Give a brief description of the skill of Granny in climbing trees.
5. What was the mishap occurred to Granny? What did it lead to?

B. Notice Writing.

1. On the account of the Foundation Day of your school, an art competition to be organised for all the classes. You are Sakshi or Sahil, the head girl or head boy of your school. Write a notice for all the students and inform them about the details of the event.

C. Paragraph Writing [In about 150 words]

1. Media-Impact on Teenagers
2. Good deeds reflect good character

हिंदी

*हम पंछी उन्मुक्त गगन के कविता के आधार पर 4 से 5 पक्षियों का चित्र चिपका कर उनकी स्वाभाविक विशेषताएं बताते हुए परियोजना कार्य तैयार कीजिए।

) रोल नं: 1-16)

*अपनी मनपसंद ऋतु पर एक परियोजना कार्य तैयार कीजिए।) रोल नं: 17-36)

* अनुच्छेद लेखन:-

- (क (विद्यार्थी जीवन एवं अनुशासन
(ख (अच्छे पड़ोसी के गुण एवं अवगुण
(ग (यदि मैं प्रधानमंत्री होता/ होती

*पत्र लेखन

-) क (अपने क्षेत्र की यातायात से संबंधित असुविधाओं से अवगत कराने हेतु परिवहन अधिकारी को पत्र लिखिए।
) ख (अपने विद्यालय के पुस्तकालय में पुस्तकों की संख्या बढ़ाने हेतु प्रधानाचार्य जी को पत्र लिखिए।

कार्य प्रपत्र

- प्रश्न1- अनुस्वार, अनुनासिक एवं नुक्ता चिह्न का प्रयोग करते हुए 5-5 शब्द लिखिए।
प्रश्न2- शरीर के अंगों से संबंधित 5 मुहावरे चित्र एवं अर्थ सहित लिखिए।
प्रश्न 3- किन्ही पांच तत्सम एवं तद्भव शब्दों की तालिका तैयार कीजिए।
प्रश्न 4- अभि, प्रति, परा, अनु, दूर उपसर्गों से दो- दो शब्द बनाइए।
प्रश्न 5- इला, ई, त्व, आई, ता प्रत्ययों से दो दो शब्द बनाइए।
प्रश्न 6- असल धन पाठ के आधार पर दारा के पांच चारित्रिक गुण लिखिए।
प्रश्न7- गाँधी जी ने अपने जीवन में किन पाँच मूल मंत्रों को अपनाया?
प्रश्न 8- सूर्य, पृथ्वी, ईश्वर, आकाश, सांप शब्दों के दो- दो समानार्थी शब्द लिखिए।
प्रश्न9- ग्राहक और फल विक्रेता के बीच हुई बातचीत को संवाद शैली में लिखिए।
प्रश्न-10 हिंदी भाषा में प्रयुक्त होने वाले विराम चिह्नों का प्रयोग करते हुए पांच वाक्य का निर्माण कीजिए।
* ज्ञान सागर एवं अभ्यास सागर के) पाठ1 -5 (की पुनरावृत्ति कीजिए।

नोट :- अनुच्छेद लेखन एवं कार्य प्रपत्र उत्तरपुस्तिका में कीजिए।

MATHEMATICS

Note: Do these questions in separate maths notebook.

Q1 Evaluate:

- (i) $\sqrt{243}/\sqrt{363}$ (ii) $\sqrt{98} \times \sqrt{162}$

Q2. Evaluate: $\sqrt{20/3}$

Q 3. By what least number should 735 be multiplied so that the product is a perfect square. Find the square root of the product so obtained.

Q 4 What least number must be added to 6321 to make the sum a perfect square? Find this perfect square and its square root.

Q5 . Find the length of each side of a square whose area is equal to the area of a rectangle of length 13.6 m and breadth 3.4 m.

Q6. Find the least number to be multiplied by each of 4,9 and 10 to make product a perfect square

Q7. Find the cubes of the following:

1. 0.06
2. 3.5

Q8. Find the smallest number by which 2560 be multiplied so that the product becomes a perfect cube.

Q9. The sum of the cubes of three numbers which are in the ratio 1:2:3 is 7776. Find the numbers.

Q10. Find the cube root of 17576 through estimation.

Q11. Rohit bought 12 registers for Rs 156, find the cost of 7 such registers.

Q12. If 36 men can do a piece of work in 25 days, in how many days will 15 men do it?

Q13 If Naresh walks 250 steps to cover a distance of 200 metres, find the distance travelled in 350 steps.

Q14 The cost of 27 kg of iron is Rs 1,080, what will be the cost of 120 kg of iron of the same quality?

Q 15 The variable x vary inversely as y and $x = 20$ when $y = 600$, find y when $x = 400$.

PROJECT

WORK

Note: Do these project work in assignment file .

Google the information of any one famous mathematician and write a biography paragraph with a picture.

Your biography includes the following points-

Introduction

Childhood

Achievement

His/ her contribution to the society.

ART INTEGRATION ACTIVITY

Note: Do this work in maths activity file (Practice file)

Unit 1-Prepare a maths working Model (square and square root) and paste it in Practical File

video link is given for help :

<https://youtu.be/HLu89ytrni4?si=h8fW-Q4IUDQH9T4k>

(OR)

https://youtu.be/L_y8g0Jo9Cc?si=OaBf6qDbJcz_Ongn

Unit 2- Draw a pattern on Cube Root (from your text book)

Science

Learn all the syllabus done in class.

WORKSHEET-MICRO-ORGANISM

1. What is microbiology?
2. Study of Algae is called (Phycology/ Mycology)
3. Antibiotic penicillin is made from _____ (a fungus)
4. Tuberculosis is caused by _____.
5. Tetanus disease is caused by _____.
6. _____ fixes atmospheric nitrogen useful to plants.
7. _____ is used in production of vinegar from alcohol
8. _____ is used for production of citric acid in soft drink industries
9. Name the protozoan which Causes Malaria _____.
10. Name the carrier of Dengue fever _____.
11. Anthrax is caused by (Virus/ Bacteria/ Fungi)

WORKSHEET- FORCE AND PRESSURE

1. When three liquids : Kerosene oil, water and mercury are filled to equal heights , in which case would the pressure have it's a) least value b) maximum value.
2. Give reason that : a) Tanks and bulldozers are fitted with caterpillar tracks rather than wheels.
b) it is easier to cut vegetables and fruits with a sharp knife than with ablunt knife.
c) School bags are provided with a wide straps.
3. What is the relation between thrust and pressure?

WORKSHEET- SOURCE OF ENERGY

1. Define carbonization.
2. Differentiate between renewable and non-renewable sources of energy. Give one example of each.
3. Name any two alternative sources of energy that are environment friendly.
4. With the help of a well labeled diagram. Show the occurrence of petroleum in nature.

5. Match Column A with Column B.

Column A

Aviation fuel

Vaseline

Explosive

Dry cleaning

Coating underside of

Electric poles

Extraction of metal

Column B

Coal tar

Petrol

Asphalt

Coke

highly refined petrol

paraffin wax

6. Classify the various sources of energy on the basis of physical state along with an example of each.

7. PROJECT WORK

Note: Do these project work in assignment file .

1. Google the information of any one famous SCIENTIST and write a biography paragraph with a picture.

Your biography includes the following points-

Introduction

Childhood

Achievement

His/ her contribution to the society.(R.NO. 1TO 11)

2. Make a project report on crop production and its management. (r.no 12-22)

3. Make a project report on conservation of plants an animals.(R.No.-23-33)

Note : the report must include the photographs wherever necessary.

1. Make a working model of science related to any topic included in your book.

Social Science

*Art integrated activity

Make an item/article by RECYCLING or REUSING Plastic or other material waste in your home and bring it to the class so that we can exhibit them for SDGs and help the poor.

1) LEARN THE SYLLABUS OF PERIODIC TEST-1

CHAPTERS :- 1,,8,16

2) MAKE A CHART OF PREAMBLE OF INDIAN CONSTITUTION.

3. MAKE AN ALBUM ON THE TOPIC: LIFE OF TRIBAL LIFE BY MENTIONING DIFFERENT FEATURES LIKE FOOD,DRESS,JEWELLERY,DANCES TOOLS AND WEAPONS ETC

4)PREPARE A BROCHURE ON METALLIC AND NON METALLIC MINERALS ON THE BASIS OF MINERALS IDENTIFIED BY YOU(MINIMUM 5 METALLIC AND 5 NON METALLIC) WITH PROJECT FILE.

5) PREPARE A CHART SHOWING THE COMPOSITION OF THREE DIFFERENT ORGANS OF THE UNION GOVERNMENT.

6).PREPARE A REPORT TO HIGHLIGHT THE ACHIEVEMENTS OF DIFFERENT SOCIAL REFORMERS

- SWAMI DAYANAND
- RAJA RAM MOHAN ROY
- MAHATMA GANDHI
- VEERESALINGAM KANDUKURI
- JYOTIBA PHULE
- B. R. AMBEDKAR
- DO ASSIGNMENT IN COPY:-

Section A (1 mark)

1. Find out which one of the following statements is true about "Kesari"?

- a) It was published in English
- b) It was founded by Bal Gangadhar Tilak
- c) It was founded by Govind Ranade
- d) It was a Pro British newspaper.

2. The British introduced the system of _____ to learn about India before it could be administered properly. (1)

- a) Revenue collection
- b) Judiciary
- c) Surveys
- d) Mapping

3. The author of the book " My experiments with Truth" was: (1)

- a) Lala Lajpat Rai
- b) Bankim Chandra Chattopadhyay
- c) Mahatma Gandhi
- d) Jawaharlal Nehru

4. Two statements Assertion (A) and Reason (R) are given below. Read them carefully and choose the correct option

(A) The death of Mughal Ruler Aurangzeb marks the beginning of Modern Period in Indian History

(R) Aurangzeb's intolerant policies turned the Rajputs and Marathas against the Mughals.

- a. Both A and R are true and R is the correct explanation of A
- b. Both A and R are true and R is not the correct explanation for A
- c. A is true and R is false
- d. A is false and R is true. (1)

5. Identify which one of the following architectures was not build in the Modern Period



a)



b)

● 6. Match the events given in Column A with the years mentioned in Column B. (1)

Column A	Column B
A. Transfer of power from East India Company to the British Crown	(i) 1909
B. Morley Minto reforms	(ii) 1935
C. Reports of Simon Commission	(iii) 1857
D. Government of India Act	(iv) 1929

Options

- A-iii,B-i,C- iv, D-ii
- A-iv,B- ii, C-i, D-iii
- A-ii,B-iii,C-i,D-iv
- A-i, B-ii,C-iii,D-iv

7. Mention the call given by Bal Gangadhar Tilak to arouse the feeling of patriotism among Indians.(1)

8. Bankim Chandra Chattopadhyay: _____ :: _____ : Unhappy Indian

9. Gateway of India: _____ :: _____ : Kolkata

10 .Rearrange the following events in the correct sequence of their occurrence :

- Partition of India into India and Pakistan,
- Formation of Indian National Congress,
- Death of Mughal Emperor Aurangzeb
- JallianwalaBagh Massacre

- i, iii, iv and ii
- iii, ii, iv and i
- ii, i, iv and iii
- iii, i, iv and ii

संस्कृत

मौखिक कार्य -

अप्रैल एवं मई में करवाया गया संपूर्ण पाठ्यक्रम याद कीजिए ।

लिखित कार्य -

1. अपठित गद्यांश पेज नम्बर-136, 137, 138, 139, 140,141,142

2. पत्र लेखन-पेज नम्बर-143, 144, 145, 146, 147, 148,149,150

नोट:- (प्रश्न-1,2 अपनी संस्कृत की पाठ्य पुस्तक में ही करना है)

3. शब्दरूपाणि- राम, लता, फल, नदी, अस्मद्, युष्मद्, तत्, किम्, (त्रिषु लिङ्गेषु)

4. धातुरूपाणि - परस्मैपदिनः भू, गम्, दृश्, स्था, स्मृ, पठ्, अस् (पञ्च लकारेषु) आत्मनेपदिनः सेव्, लभ्, रुच् (लट्-लृट् लकारयोः)

नोट:- (प्रश्न- 3,4 अपनी संस्कृत की अलग कापी में करना है)

कार्यपत्रक : कार्य -

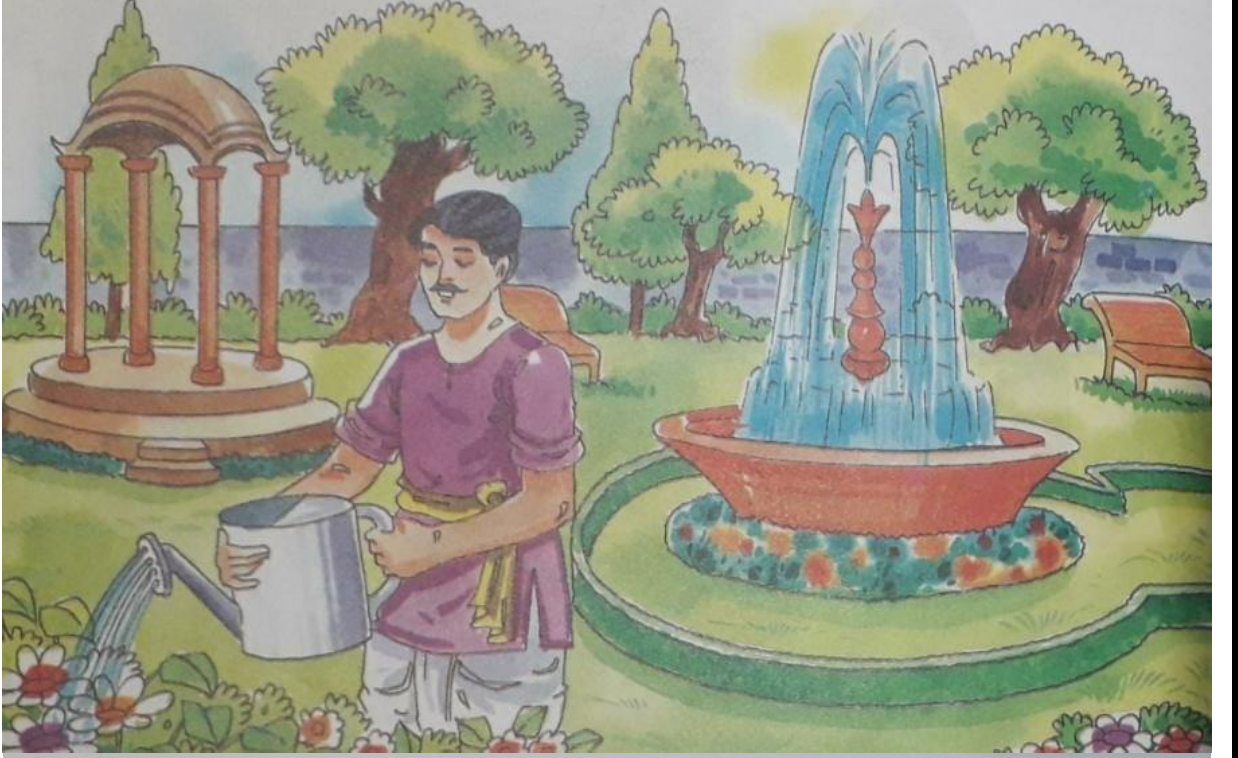
1. अधोलिखितां कथां मञ्जूषायाः सहायतया पूरयित्वा पुनः लिखत -

एकदा एकः _____ पिपासितः आसीत्। सः _____ पातुम् इतस्ततः भ्रमति स्म, परं कुत्रापि जलं न। सः किञ्चित् _____ गत्वा एकं घटम् अपश्यत्। घटे स्वल्पं जलम् _____। अतः सः जलं पातुं समर्थः न अभवत्। सः एकम् उपायम् अचिन्तयत्। सः _____ एकम् एकं खण्डं घटे अक्षिपत्। एवं क्रमेण _____ जलम् उपरि आगच्छत् । काकः जलं पीत्वा _____ अभवत् । अनया _____ स्पष्टं भवति यत् परिश्रमेण एव _____ सिध्यन्ति न मनोरथैः।

मञ्जूषा

कथया, पाषाणस्य, सन्तुष्टः, जलम्, प्राप्तवान्, कार्याणि, दूरम्, काकः, आसीत्, घटस्य

2. अथः प्रदत्तं चित्रं दृष्ट्वा प्रदत्तपदानां सहायतया संस्कृतेन पञ्चवाक्यानि लिखत-



हरीतिमा, अस्ति, मालाकारः, वृक्षाः, उपवनम्, सुन्दरं, सिञ्चति,
जलम्, फलानि, जलप्रपातः, पुष्पाणि, सन्ति, विकसन्ति

**Hands On- ICT (Computer)
Computer Class 8**

1. Write about "need of communication".
2. Write about different types of network cables like:
Coaxial cable, Optical fiber cable, Twisted pair cable.
3. **Write about Wireless network Technology, Bluetooth, 3G and 4G.**
4. Learn / Read chapter 1 and chapter 2

Note-Students can use A4 size plain sheets or Notebook to do this work .