

**D.A.V Public School
Gole Market**

**SUMMER
HOLIDAY
HOMEWORK**

**CLASS - VIII
SESSION - 2024-25**



HOLIDAY HOMEWORK CLASS - VIII

Dear Parents and students,

Warm Greetings!

The holidays are finally here and we hope that you will thoroughly enjoy the vacations and make the most of this summer. While it is indeed important that you relax and refresh yourselves, it is also important that you exercise your minds.

Keeping this in mind, we have designed various exciting activities to keep the students engaged and active during summer vacation. These fun projects would enhance learning skills, help understand concepts better, and also enrich your knowledge.

We kindly request your support in guiding your child through these activities and assisting them in discovering and expressing their creative potential. Together, let's make this summer a time of growth, exploration, and memorable experiences for our young ones.

Wishing you a fun filled, safe summer vacation.

Regards

ENGLISH

1. **Upcycling Project:** Use old or discarded items to create something new and useful. This could include turning plastic bottles into planters, creating artwork from recycled materials, or making jewellery from old newspapers or magazines. Students can document their creative process through photos or videos and write a reflection on the importance of upcycling for reducing waste and promoting sustainability.



2. Write a review of any one of the following animated English movies:
- Spider-Man
 - Moana
 - Kung Fu Panda
 - The Good Dinosaur
 - The Lion King
 - The Little Mermaid
3. **VOCABULARY BUILDING-** Proverbs are wise sayings that give advice about life. They are gems of wisdom. Let's learn about them! Below given are some examples of proverbs.
- A bad workman quarrels with his tools.
Meaning: Blaming tools for bad workmanship is an excuse for lack of skill.
 - A bird in hand is worth two in the bush.
Meaning: It is better to keep what you have rather than to risk losing it by searching for something better.

After going through the given proverbs, you must have got an idea about the same. Find any ten proverbs related to your English Reader Book, write their meanings, use them in sentences of your own

and create pictographic representation of the proverbs. Make it colourful and attractive.

SOCIAL SCIENCE

1. Make a poster showing the energy resources previously used and now replaced by which energy resource.

Example – solar geysers instead of electric geyser



2. Make a project on social reformers of modern India in a scrap file.

3. Make a poster on any one programme launched by the government for the upliftment of the weaker sections of society.

हिंदी-

1- टेराकोटा के गमलों ,सूखी लौकी जूतों के डिब्बों ,बांस के टुकड़ों ,नारियल के खोल , आइस्क्रीम स्टिक्स ,इत्यादि पुरानी वस्तुओं का प्रयोग कर आकर्षक पक्षी घर बनाए

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२- अन्तरिक्ष में जाने वाली पहली भारतीय महिला -'कल्पना चावला' इस विषय के अंतर्गत परियोजना कार्य करने के लिए चित्र



सहित निम्नलिखित जानकारी एकत्रित करते हुए ए-4 साइज़ शीट पर कार्य करें -

क. जन्म तथा परिवार

च. यात्राएँ

ख. शिक्षा- दीक्षा

छ. पुरस्कार

ग. संघर्ष

ज. मृत्यु

घ . नासा का अनुभव

३. अकबर -बीरबल या कृष्णदेव-तेनालीरामा के किसी एक मजेदार किस्से को संवाद रूप में लिखिए।



Mathematics

PROJECT WORK * Conduct a survey of 10 families of your locality and collect data that

- ✓ How many families have four wheeler?
- ✓ How many families have two wheeler?
- ✓ How many families have both four wheeler and two wheeler?
- ✓ How many families have No vehicles?

Present the information in a tabular form as given below:

FOR DATA COLLECTION :

Family	4 Wheeler	2 Wheeler	Zero Vehicle	Total Number Of Vehicles
1				
2				

Data of Bar Graph

Number Of Vehicles In A Family	Number Of Families
4	
3	
2	
1	
0	

A. On the basis of above data prepare a bar graph or pie chart. Write how the increasing number of vehicles on road are contributing to the Environmental pollution and suggest some measures through which environmental pollution due to vehicular emission can be minimised.

B. **A mathematician is someone who uses an extensive knowledge of mathematics in their work, typically to solve mathematical problems. Research and make a project on the life history of any one Indian Mathematician and his/her contribution in the field of mathematics. It should include following points:**

1. Name
2. Time and Place
3. Work and achievements

Note: Use A4 size sheets to write your answer with pictures.

Worksheet : Chapter- Direct and Inverse Variation

Q1. Which of the following quantities vary directly or inversely with each other?

- A. Distance travelled and cab fare
- B. Number of workers and amount of work done.
- C. Area of a land and its cost.
- D. Number of workers and time taken to finish a job.

Q2. Write direct or inverse variation for two quantities x and y, if

- A. xy remains constant.
- B. $\frac{x}{y}$ remains constant.

Q3. Determine whether x and y vary directly or inversely in each of the following.

A.

x	12	3	27	6
y	9	36	4	18

x	2	9	7	4
y	10	45	35	20

Q4. If x and y vary inversely and $x = 25$ and $y = 3$. Find y, when $x = 15$.

Q5. If x and y vary directly with each other and $x = 24$, what is y when constant of variation is 3?

Q6. The cost of 3 kg sugar is ₹ 105. What will be the cost of 15 kg of sugar?

Q7. If the weight of five sheets of paper is 20g, how many sheets of the same paper would weigh 2.5 kg?

Q8. A dealer finds that 48 refined oil cans can be packed in eight cartons of same size. How many such cartons will he require to pack 216 cans?

Q9. If 15 men can repair a road in 24 days, then how long will it take nine men to repair the same road?

Q10. A contractor with a workforce of 420 men can complete a work of construction of a building in nine months. Due to request by the owners he was asked to complete the job in seven months. How many extra men he must employ to complete the job?

Q11. A garrison of 120 men has provision for 30 days. At the end of 5 days, five more men joined them. How many days can they sustain on the remaining provision?

Q12. A train 350 metres long crosses an electric pole in 28 seconds. Find the speed of the train in km/hr.

Q13. A train 280 metres long is running at a speed of 42 km/hr. How much time will it take to pass a man standing on a platform?

Q14. A train 150 metres long is running at 72 km/hr. It crosses a bridge in 13 seconds. Find the length of the bridge.

Science

1. Prepare a fact file on different ways of food wastage in India.

Write the names of the different schemes taken up by the government to provide food to the poor like mid-day meals in government schools. How are they helpful to society?



Mention the NGOs which are working to provide the food to the needy ones. NGOs collect the waste food from marriages and parties.

a) How do they get it collected?

b) Explain the distribution method.

c) How will you become a part of this noble deed?

2. Research about following endangered species of animals and mention the area in India where they are conserved along with Relevant pictures

- Number of sheets to be used :5-7

- Endangered species :

a. Black Buck b. Kashmiri Red Stag c. Snow leopard

d. One Horned Rhinoceros

Write the measures taken by the government to prevent the decline of these animal species



नैतिक शिक्षा

- १- अपने प्रेरणा स्रोत किसी महापुरुष की जीवनी पर आधारित किसी एक घटना का वर्णन चित्र सहित अपने शब्दों में लिखिए ।

{ चित्र सहित , ए-4 साइज़ शीट पर }

२ हवन में प्रयुक्त आवश्यक वस्तुओं की सूची चित्र सहित बनाए तथा प्रार्थना मन्त्र ए-4 साइज़ शीट पर लिखिए ।

संस्कृत

प्रश्न 1. सफल विद्यार्थी बनने में सहायक कोई दो श्लोक अर्थ सहित लिखिए ।

प्रश्न 2. संस्कृत दिवस विषय पर 10 पंक्तियां अपनी उत्तर पुस्तिका में लिखें और याद करें ।

प्रश्न 3. गतिविधि 'नमामि गंगे परियोजना कार्य 'नदियों की स्वच्छता के लिए सरकार के द्वारा उठाए गए कदम व आप नदियों को स्वच्छ रखने में किस प्रकार योगदान देंगे अपने शब्दों में लिखिए।