PM SHRI KENDRIYA VIDYALAYA NO.1 JHANSI CANTT

SUMMER HOLIDAY HOMEWORK (2025-26)

CLASS – VI

MATHEMATICS

1. Mathematics in Art: Rangoli Patterns

Draw 2–3 Rangoli patterns using geometrical shapes like triangles, squares, circles.

Highlight symmetry lines.

2. Multiplication Tables Art

Design a colourful multiplication table chart (2 to 20).

Use different colours for different number series.

3. Measurement Activity

Measure the dimensions of 5 objects at home (length, width, height).

Convert measurements into different units (cm, m, km). Also find out what units were used in older times to measure length.

4. Fraction Art

Create a pizza/flower drawing and shade different fractions (like ½, ⅓, ¼ parts). Write the fractions neatly.

5. Art Integrated Project (Any State Art + Maths)

Choose any Indian folk art (Warli, Madhubani, etc.) and show how lines, shapes, angles are used.

Please Note: Use A4 size ruled or blank sheets as per need. Punch them and tie them using a string. Also prepare a creative cover for your project (Do not use plastic covers)

PRACTICE SHEET

Q.1. Learn and write the tables from 2 to 20:

Q.2. Solve:

$a)$ 3946+ 6579 + 389 $b)$ 4179 − 2103+ 837

$c)$ 1289 × 137 $d)$ 682592÷16

Q.3. Write the following numbers in words:

$a)$ 145307 $b)$ 91307 $c)$ 2123270 $d)$ 1001373

Q.4. Which number will be next in this pattern:

(a) 18, 36, 54, 72, ……. (b) 20, 18, 15, 11, …….

(c) 6, 7, 9, 12, 16, ……. (d) 4, 9, 16, 25, ……..

Q.5. Find the difference between the smallest number of 5 digits and the largest number of 3 digits.

Q.6. Find the difference between the place value of two 6's in 6523689.

Q.7. Write each of the following numbers in numerical form:

a) Three lakh fifty-three thousand five hundred sixteen

b) Forty –one lakh one thousand seventy

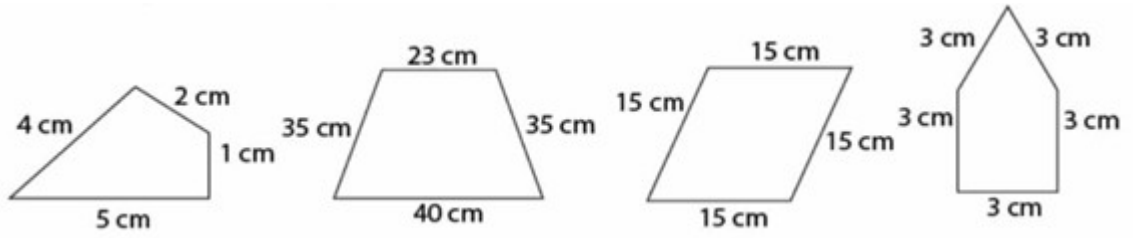
c) seventy-three thousand five hundred forty

d) one Lakh ninety-three thousand five hundred sixty

Q.8. Identify and draw 5 pictures who have line symmetry and 3 pictures who have rotational symmetry.

Q.9. Make two magic squares with the help of numbers.

Q.10. Find the perimeter of each of the following shapes:



Q.11. Draw a rectangle of 9cm length and 7cm width, then find its area.

Q.12. Draw a square of 9cm length, then find its area.

Q.13. Make a Rangoli (Geometry art project) with the help of shapes, lines and angles.

Q.14. Draw a map of your Dream House.

Q.15. Download and watch the movie "The man who knew Infinity". Write the 10 things that you liked the most. Write two ideas which inspired you to study Mathematics.

HINDI

ग्रीष्मकालीन गृहकार्य

कक्षा 6

1) मातृभूमि, एकबूँद और हार की जीत पाठों का सार अपने शब्दों में लिखो।

2) संधि की परिभाषा एवं स्वर संधि के भेद लिखो।

3) संज्ञा की परिभाषा एवं भेद उदाहरण सहित लिखो।

4) सर्वनाम की परिभाषा एवं उसके भेद लिखो।

5) कारक एवं उनके चिन्ह लिखो एवं याद करो।

6) मेरा मनपसंद कार्य विषय पर सौ शब्दों में अनुच्छेद लिखो।

7) कोई पाँच श्रुतिसमभिन्नार्थ शब्द लिखो।

8) किन्ही पाँच शब्दों के अर्थ लिखो।

9) आप परिवार सहित देशाटन जा रहे हैं।विद्यालय के प्राचार्य को पाँच दिन की छुट्टी के लिए प्रार्थना पत्र लिखो

Sanskrit

कक्षा षष्ठी

संस्कृत

ग्रीष्मकालीन अवकाश कार्य

1 स्वर, स्वर के भेद और व्यंजन याद करें **।**

2 वर्ण विच्छेद करके **10** शब्द लिखे **।**

3 संस्कृत छात्र प्रतिज्ञा याद करें**।**

4 विद्या पर पांच श्लोक संकलित करके अर्थ सहित लिखें **।**

5 वयम् वर्णमाला**:** पठाम**:** पाठ पाठ अच्छी तरह याद करें और इस पाठ के शब्दार्थ याद करें**।**

6 संस्कृत का कोई एक चार्ट बनाएं

DRAWING

Two A3 size painting (traditional, folk, modern, contemporary)

Artificial Intelligence

Instructions :- Complete the tasks neatly in your computer notebook and paste picture where needed.

1. Write a short note on:

- What is a computer and Uses of computer in daily life.
- Role of AI (Artificial intelligence) in this era.
- What are cyber attacks and its various types.
- What is digital arrest and how can we refrain from it?
- How the internet helps students in studies?

2. Create a PPT of (5-6) slides

Topic- My favorite Festival or Importance of computer in daily life. Add images, colorful backgrounds, and different font styles.

3. What is software? Explain all types of software.

4. what is primary and secondary memory. Draw/paste diagram of some primary and secondary memory devices.

5.prepare all the covered topics in the class.

vocational education

complete the chapter 1

- School Kitchen Garden
- Learn about all Gardening tools.

English

All these questions will be written in English notebook

- **passage**

Once a father asked his daughters, "What is the sweetest thing in the world?" 'Sugar!' said the elder daughter. 'Salt', said his younger daughter. The father thought that his younger daughter was making fun of him, but she stuck to her opinion. The father was obstinate, and so was his daughter. Aquarrel broke out between them over this petty matter, and he drove her out of the house saying, "If you think that salt is sweeter than sugar, you had better find another home where the sugar is more to your taste.'

It was a beautiful summer night. The pretty maiden sat singing sadly in the forest around her father's cottage. A young prince, who had lost his way while hunting the deer, heard her voice. He came to her to ask the way. He was struck by her beauty and took her to his beautiful palace and married her.

The bride invited her father to the wedding feast, without telling him that she was his daughter. Al the dishes were prepared without salt. The guests began to complain as they ate the tasteless food. 'There is no salt in the meat!' they said angrily.

'Ah,' said the bride's father. "Salt is truly the sweetest thing in the world! But when my daughter said so, I turned her out of my house. fI only I could see her again and tell her how sorry I am!"

Drawing the bridal veil aside from her face, the happy girl came to her father and kissed him. Now properly salted dishes were brought in and all the guests were satisfied.

Answer the following in one or two sentence each:

1 What question did the father ask his daughters?

2. What answers did the daughters give?
3. What did the father do in anger?
4. How the dishes

of the wedding feast
were prepared? Find
words from the
passage which mean
the same as:
(i) Beautiful: -

(i) Glad: -

Writing

Q.2.With the help of the given outlines, develop readable stories:

The mice in a house___ afraid of a cat_____held a meeting____
_____one proposes to toe a bell round the cat's neck all agree
_____who is to bell the cat? No mouse offers_____the cat appears
_____all run away.

Q.3.You have lost your water bottle somewhere in school. Write a notice on LOST giving all the necessary details.

Q.4.You have found a pencil box in computer lab. Write a notice on FOUND giving all the necessary details.

Q.5.Write a story on the title “God help those who help themselves”.

Q.6.Write paragraphs on-

1) My hobby

Q.7.Write an application to the principal of your school requesting fir three days sick leave.

Q.8. Complete the following sentences using has or have (5M)

a) I a pet dog.
b) She a sports car.
c)They a big house in the city.
d) My brother and I a toy train.
e) My brother a blue shirt.

SCIENCE

Q1. Give names of two plant which have tap root and fibrous root.

Q2. Write the differences between between tap and fibrous root.

Q3. Write names of any two herb, shrub, creeper, climber, trees and medicinal plants.

Q4- Write two examples of each-

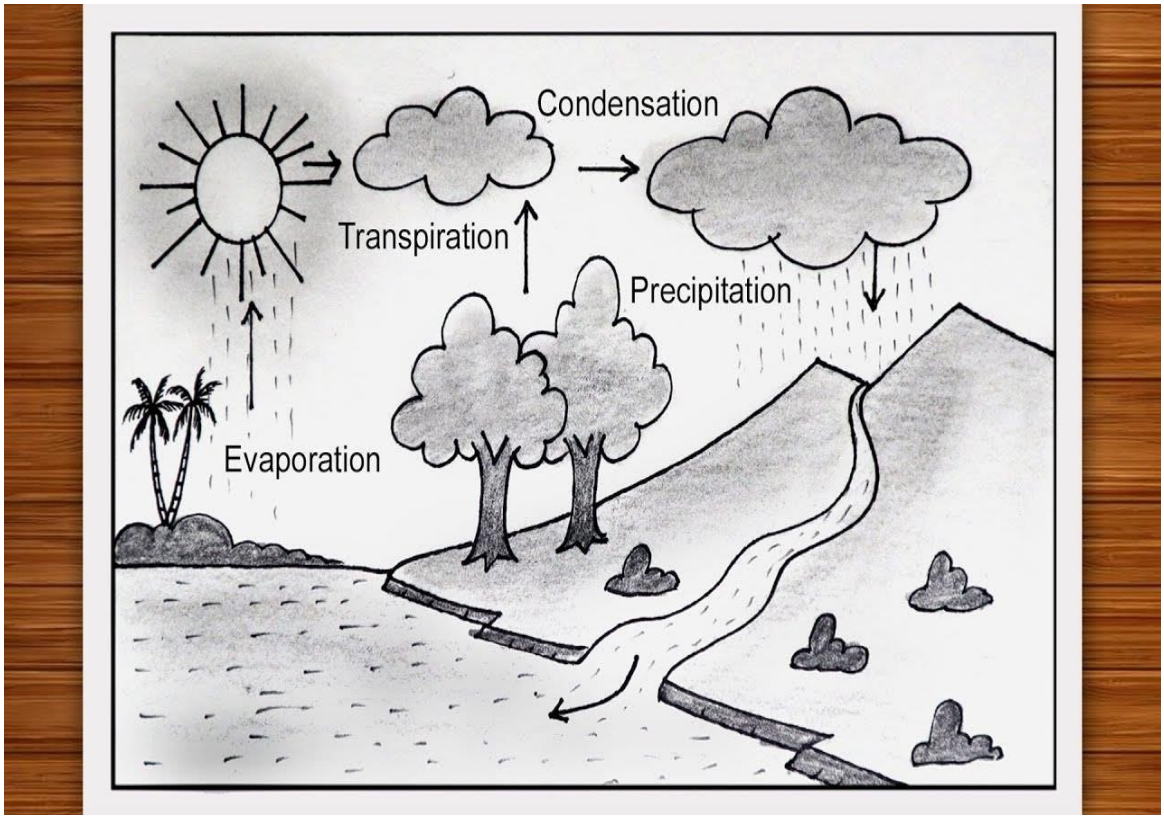
(i) Seeds used as pulses- (ii) Seeds used as cereals - (iii) Seeds used as spices- (iv) Seeds used to get oil -

Q5. Write any 5 slogans to save energy.

(Instruction- 2 slogan in Hindi and 3 in English)

Q6. Observe and draw given diagram of water cycle. Find out and write the meaning of following terms-

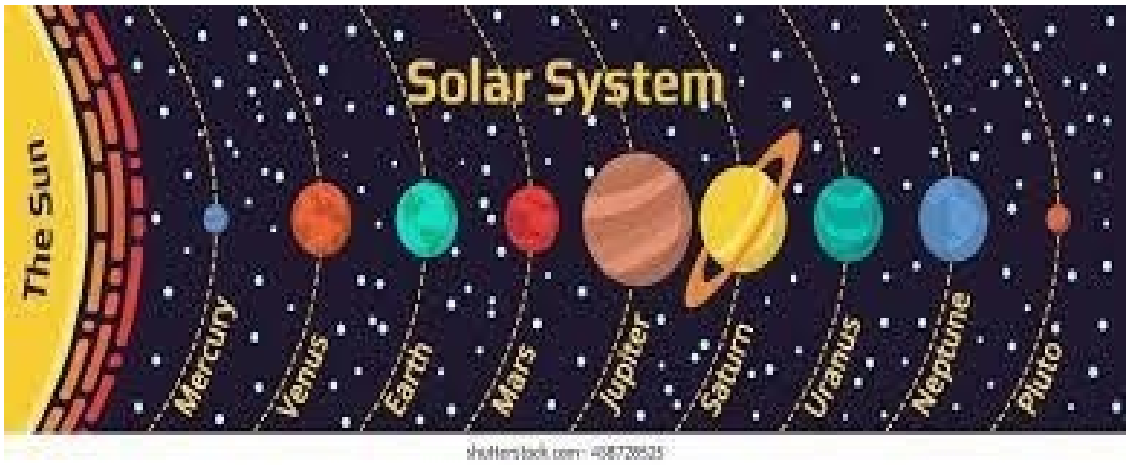
(i) Evaporation (ii) Condensation (iv) transpiration (iii) Precipitation



Q6. Find out who invented (Inventor Scientist name) these everyday item-

(Bicycle, clock, telephone, calculator, ball point pen, refrigerator, washing machine, television)

Q7- This is the picture of our Solar system.



Now answer the following questions-

i. Arrange the names of planets in ascending order of their distance from the Sun.

ii. Which is the planet nearest to the Sun?

iii. Which is the planet farthest from the Sun?

iv. Name the hottest planet in our solar system.

v. Can you name the largest planet in our solar system? vi. Can you name the smallest planet in our solar system? vii. Which is the coldest planet in our solar system? viii. Which planet is also called the Red Planet?

SOCIAL SCIENCE

- Show all the states of India and their capitals on a political map of India.
- Visit a museum, national park, or wildlife sanctuary and share your experience in a paragraph. Include details about what you saw, learned, and felt during the visit.
- Write down the names of all the countries in the world along with their capitals in your notebook.
- Read any one novel of your choice. Write a short summary of the story, its main characters, and what you liked about it.
- Develop the habit of reading a daily newspaper. Write any five important news headlines you read each week.