
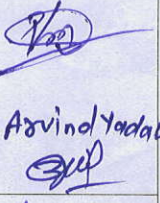
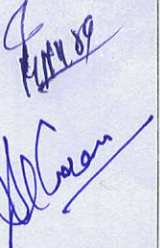



DAV PUBLIC SCHOOL, JAMALPUR
HOLIDAY HOMEWORK FOR SUMMER VACATION (2026-27)

Class: IX

| Sl. No. | SUBJECT | Homework/Assignment | Subject teacher name & signature |
|---------|----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1 | English | <p>1-Literature-Read any poem and explain the poet's message in your own words.(in notebook)</p> <p>*Writing -Write a letter to your friend describing how you spent your holidays.(In notebook)</p> <p>2-Write a short story beginning with: "It was a dark night when suddenly..."(in notebook)</p> <p>3-Students should write the names of some natural and holiday destinations, collect their photographs, and paste them on a chart paper.</p> | <p>Arati</p> <p></p> |
| 2 | Hindi | <p>(1)विभिन्न उपसर्ग, प्रत्यय का प्रयोग करते हुए 25-25 नए शब्द बनाइए।</p> <p>(2)संज्ञा, सर्वनाम, विशेषण और क्रिया के 10-10 उदाहरण लिखिए।</p> <p>(3)“पर्यावरण संरक्षण” विषय पर स्लोगन और विज्ञापन तैयार कीजिए।</p> <p>(4)परिवहन व्यवस्था सुचारू रूप से चलाने के लिए यातायात अधिकारी को पत्र लिखिए।</p> <p>(5)‘दो बैलों की कथा’ पाठ के आधार पर हीरा और मोती का ध्यान रखते हुए पशुओं के अधिकार पर लगभग 200 शब्दों में अनुच्छेद लिखिए।</p> | <p>OK</p> <p></p> <p>Arvind Yadav</p> |
| 3 | Sanskrit | <p>1. पाठ्यपुस्कात् प्रथमतः द्वितीयः पाठपर्यन्तं पाठमध्ये प्रयुक्तं सन्धिं वा सन्धिविच्छेदं पदानि चित्वा अभ्यासपुस्तिकायां लिखत।</p> <p>2. पाठ्यपुस्कात् प्रथमतः द्वितीयः पाठपर्यन्तं पाठमध्ये प्रयुक्तं समासं वा समासविग्रहपदानि चित्वा अभ्यासपुस्तिकायां लिखत।</p> <p>3. स्वर सन्धिं चार्टपेपरमध्ये प्रदर्शयत।</p> <p>4. बालक, लता, फल, मुनि, साधु, मति, अस्मद्, युष्मद्, तत्, एतत्, किम्, इत्यादयः शब्दरूपाणि अभ्यास - पुस्तिकायां लिखित्वा स्मरत।</p> <p>5. पठ्, गम्, भू, दृश्, कृ, धातुरूपाणि (पञ्च लकारेषु) अभ्यासपुस्तिकायां लिखित्वा स्मरत।</p> | <p></p> <p></p> |

4

Maths

Chapters: Coordinate Geometry & Number System

Part-A : Coordinate Geometry Activities

Activity 1: Locate Places Around You

Draw X-axis and Y-axis on a graph paper.

Q. Mark the following places using imaginary coordinates:

School → (2, 3)

Market → (-3, 2)

Hospital → (-2, -4)

Park → (4, -2)

Home → (0, 0)

Questions:

2. In which quadrant is the market?

3. Which place lies on the origin?

4. Find the distance of the park from the X-axis.

5. Which places are in opposite quadrants?

Activity 2: Design a Shape

Using graph paper, plot at least 10 points and join them to form:

A house / kite / robot / any creative figure.

1. Write the coordinates of all points used.

Learning Outcome:

Students will understand plotting of points and quadrants.

Activity 3: Treasure Hunt

Take any 8 objects from your room and assign coordinates to them.

Example:

Object Coordinate

Chair (2,1)

Table (-1,3)

Draw their positions on graph paper.

Part-B : Number System Activities

Activity 4: Rational and Irrational Number Search

From newspapers, books, mobile bills, etc., collect:

10 Rational Numbers

5 Irrational Numbers

Paste/write them in notebook and classify them.

Rational Numbers Irrational Numbers

2/3 √2

-5 π

Activity 5: Number Line Representation

Represent the following numbers on number line:

A. √2 B. √3 C. √5. D. 1.5. E. -2.5

Use ruler and colored pencils

Activity 6: Decimal Expansion Investigation

Find decimal expansions of:

A. 1/2. B. 1/3. C. 5/8

D. 7/11. E. 13/25

Write whether they are:

Shubh

Ashish k.r.

Brajesh

M.V

(S.V. Ankey)

| | | | | | | | | | | | | |
|---|---------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------|---|---|---|---|---|---|---|---|--|
| | | <p>Terminating Non-terminating recurring Activity 7: Magic Square with Numbers Create a 3×3 magic square using integers or rational numbers. Example: <table style="display: inline-table; border: none;"> <tr><td style="padding: 0 10px;">8</td><td style="padding: 0 10px;">1</td><td style="padding: 0 10px;">6</td></tr> <tr><td style="padding: 0 10px;">3</td><td style="padding: 0 10px;">5</td><td style="padding: 0 10px;">7</td></tr> <tr><td style="padding: 0 10px;">4</td><td style="padding: 0 10px;">9</td><td style="padding: 0 10px;">2</td></tr> </table> Find the sum of each row, column, and diagonal. # Project Work Mini Project: "Mathematics in Daily Life" Prepare 3–4 pages on: # Use of coordinates in maps, GPS, games # Use of number system in banking, mobile numbers, measurements, coding, etc. # Paste pictures or draw diagrams. Instructions Complete work neatly in Maths notebook/file. Use graph paper wherever required. Use colors</p> | 8 | 1 | 6 | 3 | 5 | 7 | 4 | 9 | 2 | |
| 8 | 1 | 6 | | | | | | | | | | |
| 3 | 5 | 7 | | | | | | | | | | |
| 4 | 9 | 2 | | | | | | | | | | |
| 5 | Science | <p>PHYSICS Students are instructed to prepare the holiday homework on project paper/file paper neatly and systematically. 1. Draw and explain the following graphs with proper labelling and examples: A. Distance–Time Graph B. Speed–Time Graph C. Velocity–Time Graph D. Acceleration–Time Graph Also explain the related concepts: A. What the slope of a Distance–Time Graph represents B. What the slope of a Velocity–Time Graph represents C. Meaning of area under a Velocity–Time Graph D. Meaning of area under an Acceleration–Time Graph 2. Prove the three equations of motion using the graphical method with neat diagrams and proper explanation. The work should include: * Proper headings and subheadings * Neat and labelled diagrams * Coloured presentation wherever required * A cover page with student's name, class, section, and roll number.</p> <p>CHEMISTRY *Prepare a colorful chart showing: *Homogeneous mixtures *Heterogeneous mixtures *Include: Definition, Examples, Pictures/drawings, Difference between them</p> <p>BIOLOGY *Prepare a neat and labelled 3D model of Plant Cell or Animal Cell using clay, thermocol, cardboard, jelly, or waste materials. *Include: All Cell organelles</p> <p>Write:</p> | <p>Praveen Prabhakar Praveen Mishra Sumishra Shabnam Mishra S. Kumar D. K.</p> | | | | | | | | | |

| | | | |
|---|----------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------|
| | | <p>*Functions of each cell organelle</p> <p>*Difference between plant and animal cell</p> | |
| 6 | Social science | <p>History On an outline map of India, locate and label the following Neolithic sites.:- A) Chirand B) Managarh C) Hallur D) Chirand E) Koldihwa</p> <p>Geography Create a chart on Agents of Erosion with suitable pictures and examples. → Include: • River Erosion • Wind Erosion • Glacier Erosion • Sea Wave Erosion Use colorful diagrams and label the examples neatly.</p> <p>Economics Create a chart on the Types of Economic Systems and write the names of countries following each system.</p> <p>Types of Economic Systems: • Capitalist Economy – USA, UK • Socialist Economy – China, Cuba • Mixed Economy – India, France</p> <p>Decorate the chart neatly with colors, flags, and pictures. Instructions • Use chart paper only. • Write in neat and clean handwriting. • Make the work creative and attractive. • Submit after summer vacation.</p> | <p>Pranav</p> <p>Adh</p> <p>→ Adh</p> <p>Pr</p> <p>Adh</p> |


Academic I/C


Co-ordinator


Principal