केन्द्रीय विद्यालय राजौरी

विद्यालय गृहकार्य

अवकाश गृहकार्य

कक्षा - अष्टमी (Class 8)

विषय: हिन्दी (NCERT – वसंत भाग-3 / पूरक पुस्तक)

दिवस कार्य विवरण

दिवस 1 Term-2 के गद्य पाठ का सार (Summary) 100 शब्दों में लिखिए और उससे मिलने वाली सीख स्पष्ट कीजिए।

दिवस 2 समास की परिभाषा, उसके प्रमुख भेदों (अव्ययीभाव, तत्पुरुष, द्वंद्व, द्विगु) के 2-2 उदाहरण सहित तालिका बनाइए।

दिवस 3 'पर्यावरण प्रदूषण और समाधान' अथवा 'डिजिटल भारत' विषय पर 150-200 शब्दों का सुव्यवस्थित निबंध लिखिए।

दिवस 4 उपसर्ग एवं प्रत्यय को अलग करने वाले 15-15 शब्दों की सूची बनाइए।

दिवस 5 पुस्तक विक्रेता को नई पुस्तकें मँगवाने हेतु अथवा मोहल्ले की सफाई हेतु नगर निगम अधिकारी को शिकायती पत्र लिखिए।

दिवस 6 'सड़क सुरक्षा नियम' के प्रति जागरूकता फैलाने हेतु एक आकर्षक पोस्टर और जनहित विज्ञापन तैयार कीजिए।

दिवस 7 अपने किसी मनपसंद लेखक/कवि का जीवन परिचय, प्रमुख रचनाएँ और उनकी भाषा-शैली पर एक संक्षिप्त परियोजना (Project Report) तैयार कीजिए।

दिवस 8 वाक्य-रूपांतरण (सरल वाक्य, संयुक्त वाक्य, मिश्र वाक्य) के नियम एवं 5-5 उदाहरण लिखिए।

दिवस 9 Term-2 की किसी एक कविता में प्रयुक्त प्रमुख अलंकारों (अनुप्रास, उपमा, रूपक) को छाँटकर उदाहरण सहित लिखिए।

दिवस 10 दो मित्रों के बीच 'वार्षिक परीक्षा की तैयारी' विषय पर लगभग 10-12 पंक्तियों का रोचक संवाद लिखिए।

विषयः संस्कृतम् (NCERT – रुचिरा भाग-3 / तत्समकक्ष)

दिवसःकार्यविवरणम्

दिवसः 1 Term-2 पाठ्यक्रमस्य एकं पाठं पठित्वा तस्य सारांशं स्वशब्देषु (संस्कृतेन अथवा हिन्द्या) लिखत।

दिवसः 2 'पितृ', 'राजन्' अथवा 'तद्' (पुं/स्त्री/नपुं) शब्दरूपाणि सम्यक् स्मृत्वा उत्तरपुस्तिकायां लिखत।

दिवसः 3 'स्था' (तिष्ठ्) अथवा 'पा' (पिब्) धातोः पञ्चसु लकारेषु (लट्, लृट्, लङ्, लोट्, विधिलिङ्) रूपाणि लिखत।

दिवसः 4 एकपञ्चाशत्-तः शतपर्यन्तम् (51 तः 100) संख्याशब्दान् संस्कृतेन लिखत।

दिवसः 5 कारकप्रकरणम्: कारकाणां नामानि, विभक्तीः, चिह्नानि च तालिकारूपेण प्रदर्श्य त्रीणि (3) उदाहरणानि लिखत।

दिवसः 6 'पर्यावरणसंरक्षणम्' अथवा 'संस्कृतभाषायाः महत्त्वम्' इति विषये अष्ट (8) संस्कृतवाक्यानि रचयत।

दिवसः 7 सन्धिकार्यम्: स्वरसन्धेः (यण्, अयादि, वृद्धि) पञ्च-पञ्च (5-5) उदाहरणानि विच्छेदसहितं लिखत।

दिवसः 8 'अहम् आदर्शछात्रः/आदर्शछात्रा' इति विषये अथवा 'भारतदेशः' इति विषये दश (10) वाक्यानां संस्कृतेन रचनां कुरुत।

दिवसः 9 पाठ्यपुस्तकात् चतुरः (4) श्लोकान् अन्वय-शब्दार्थ-भावार्थसहितं सुन्दरहस्ताक्षरेण लिखत।

दिवसः 10 रुग्णतावशात् (ज्वरपीडितः सन्) दिनद्वयस्य अवकाशार्थं प्रधानाचार्यं प्रति संस्कृतेन आवेदनपत्रं लिखत।

सामान्य निर्देश (General Instructions for Students)

1. सम्पूर्ण कार्य एक अलग पतली अभ्यास पुस्तिका (A4 नोटबुक) अथवा स्पष्ट A4 शीटों पर क्रमबद्ध रूप से करें।
2. कार्य स्वच्छ, सुंदर और पठनीय लिखावट में होना चाहिए। व्याकरण एवं वर्तनी की शुद्धता का विशेष ध्यान रखें।
3. संस्कृत कार्य के लिए विसर्ग (:) एवं हलन्त (्) का समुचित और सावधानीपूर्वक प्रयोग करें।
4. अवकाश समाप्ति के उपरांत प्रथम सप्ताह में यह कार्य आंतरिक मूल्यांकन (Internal Assessment) हेतु जमा करना अनिवार्य है।

English

1.Prepare a PowerPoint presentation on the chapters assigned to each group in the classroom.

2 Prepare a travel brochure on any one city of india...

Your brochure must highlight the following key features:

Cultural Heritage & Vibe: What makes the city unique? Mention local traditions, festivals, and language.

Famous Cuisines & *Street Food:* Signature dishes, famous sweets, and iconic places to eat.

Traditional & Local *Attire: Unique dress* styles, traditional clothes, or famous local textiles/shopping items.

Top Sightseeing *Spots:* 3–4 must-visit landmarks, historical monuments, or nature spots.

Traveler Essentials: Best time to visit, how to travel locally, and a catchy slogan/tagline on the front cover.

ARTS EDUCATION – HOMEWORK

1: Primary and Secondary Colours

Draw 2 big circles. In the first, fill Primary Colours – Red, Yellow, Blue. In the second, fill Secondary Colours – Orange, Green, Purple. Write how secondary colours are made.

2: My School

Draw your school building. Include the national flag, playground, and 2 trees.

3: Warli Art*

Draw Warli tribal art showing 5 people working in a farm. Use only black pen on white paper.

4: Leaf Printing*

Take 3 different leaves, apply colour on them and print on paper. Make a tree using those prints.

5: Festival Scene*

Draw a festival scene – Diwali or Eid. Show lamps / moon, houses and people celebrating.

Science : Holiday Homework

1) Task: Observe daily life examples of the particulate nature of matter.

• Activity: Write short notes on three observations around your house:

A. How wet clothes dry up (evaporation).

B. How the smell of cooking food travels across rooms.

C. How a balloon shrinks slightly over a few days.

2) The Mystery of Floating Ice: Research and write report on the molecular structure of water versus ice. Investigate why ice has a cage-like open structure with larger gaps between its particles, making it less dense than liquid water and causing it to float.

3) Acharya Kanad and the Idea of Parmanu: Research the ancient Indian philosopher Acharya Kanad and his pioneering concept of Parmanu as indivisible, eternal particles of matter. Write a short note comparing his early theories with modern scientific understandings of atoms and molecules.

Computer:

Deep Dive into AI, ML & Ethics

• Activity 1 (AI vs. ML vs. DL): Write a clear comparative explanation and diagram showing the relationship and differences between Artificial Intelligence (AI), Machine Learning (ML), and Deep Learning (DL).c

• Activity 2 (Smart Home Design): Draw a blueprint or design a layout of a “Smart Home” on an A4/project sheet, listing 5 AI-powered gadgets inside it (e.g., smart thermostat, automated security locks, voice-controlled lights) and their features.

Music

Music and Emotions

Write five lines on the importance of music in our lives.

Name two ragas and the emotions they may express.

MATHEMATICS HOLIDAY ASSIGNMENT

Class VIII

Creative & Solvable Mathematics Activity Sheet

Student Name: _____ Roll No.: _____

General Instructions: Answer all questions with neat step-by-step mathematical working. Show formulas and calculations clearly.

Question 1: [Exponents & Powers]

A smartphone app runs in the background and consumes power according to a simple pattern: every hour, its background data usage doubles.

- In the 1st hour, it uses 2^2 MB of data.
- In the 2nd hour, it uses 2^3 MB of data.
- In the 3rd hour, it uses 2^4 MB of data, and so on.

(a) Using exponent rules, write down the data used in the 6th hour as a single power of 2.

(b) How many megabytes (MB) does that equal in standard number form?

Question 2: [Squares & Square Roots]

A farmer has two square vegetable plots on his land:

- Plot A has an area of 49 m^2.
- Plot B has an area of 81 m^2.

(a) Find the side length of each plot by taking square roots.

(b) If the farmer wants to put a protective wire fence around both plots completely, calculate the total length of wire (perimeter) needed.

Question 3: [Linear Equations in One Variable]

Aarav visits a local bookshop with a ₹200 note. He purchases the following items:

- 4 identical notebooks priced at ₹x each.
- 1 geometry box priced at ₹60.

(a) If he receives ₹20 as balance from the shopkeeper, write a linear equation in terms of x to represent the transaction.

(b) Solve the equation to find the cost of one notebook.

Question 4: [Patterns in Numbers]

Observe the pattern of square numbers formed by adding consecutive odd numbers starting from 1:

- $1 = 1^2$
- $1 + 3 = 4 = 2^2$
- $1 + 3 + 5 = 9 = 3^2$
- $1 + 3 + 5 + 7 = 16 = 4^2$

(a) Without adding term-by-term, find the sum of the first 8 consecutive odd numbers: 1 + 3 + 5 + 7 + 9 + 11 + 13 + 15.

(b) Express the number 100 as the sum of consecutive odd numbers starting from 1. How many odd numbers are needed?

Question 5: [Understanding Quadrilaterals]

In a four-sided neighborhood park shaped like quadrilateral ABCD, three interior angles are measured as 75°, 105°, and 80°.

(a) Find the exact measure of the fourth interior angle.

(b) Is it possible for any quadrilateral to have all four interior angles acute (each less than 90°)? Give a clear one-line mathematical reason.

CLASS VIII – SOCIAL SCIENCE

10. Prepare a chart showing the structure of the Indian Parliament.
11. Draw a diagram/chart explaining the relationship between the Legislature and the Executive.
12. Collect, paste or draw pictures of the Parliament building and important government leaders. Add captions and names.
13. Prepare a chart explaining the roles and functions of the Prime Minister, President and Council of Ministers.

Atumn break!