

#### ADARSH VIDYALAYA, MOWA HOLIDAY HOMEWORK (2025-2026) CLASS-VIII

Let the warmth of summer awaken the fire within you—create, explore, dream, and grow. This holiday, let your talents bloom like never before.

Summer is not just a break from the classroom; it's a beautiful season of self-discovery. Whether it's painting a canvas, penning down thoughts, solving puzzles, or learning a new skill—every little effort adds to the masterpiece that is you.

So take this time to nurture your passions, challenge yourself, and come back stronger, brighter, and more confident. Remember, the journey of growth doesn't pause—it transforms.



#### General Note:

- 1. All the assigned work will be assessed and graded.
- 2. All vacation Practice work need to be done in class work copy.
- 3. Assessment of reading will be done in every exam.
- 4. Students should learn Hindi and Sanskrit pledge.
- 5. Parents are requested to:
- · Spend time & have meals together with your ward.
- Motivate your ward to inculcate the habit of "READING HINDI & ENGLISH Literature (Newspaper, Comics etc.)
- · Allow them to be independent (age wise) in their daily tasks like:
- > Arrange shelves
- > Washing their own plates
- > Watering plants & weeding Garden
- > Hang/fold clean clothes
- > Dust furniture
- > Do simple mending (hems, buttons, etc.)
- > Shop for groceries with list
- > Iron clothes etc.
- Include your ward while preparing monthly budget.
- · Share your family history & your childhood memories with them



## **ENGLISH**

- 1. Write a summary of the story 'Children at work' from your supplementary reader book including the following points:
  - What is the story about?
  - Describe the main characters with their background, and theme. (Add pictures)
  - Could you relate or feel empathy for any of the character of the story? Express your opinion.
- 2. Here are some of the English Idioms related to colours. Find out the meanings of these idioms and use in sentences.
- a) Black mood
- b) Black and white
- c) Golden handshake
- d) Gray matter
- e) Catch someone red handed
- f) Out of the blue
- 3.Read newspaper daily and pick out two words and make sentences of your own.
- 4. Design a poster on the given topics: (ANY 2)
- a) Donate blood
- b) Keep the earth green
- c) Save water
- d) Save girl child
- 5. Write 20 verbs with their three forms (V1,V2,V3)

## **HINDI**

## वाचन कार्य -

- 1.'लाख की चूड़ियाँ पाठ पढ़ना व समझना, कठिन शब्दों के अर्थ समझते हुए प्रश्नों के उत्तर याद करना।
- 2.पाठ्य पुस्तक की अन्य कहानियों को पढ़ना।
- 3.प्रतिदिन समाचार पत्र पढना।
- 4.बाल-पत्रिकाएँ व बाल चित्र-कथा पढ़ना।

## लेखन कार्य -

- 1. तत्सम- तद्भव की परिभाषा लिखकर 1-35 क्रमांक तक उदाहरण लिखिए।
- 2. समास की परिभाषा एवं भेद उदाहरण सहित लिखिए।
- 3. पर्यायवाची शब्द लिखिए। (1-31)
- 4. समश्रुति भिन्नार्थक शब्द लिखिए। (1-22)



5. अनेक शब्दों के लिए एक शब्द लिखिए। (1-25)

6.दो पेज सुलेख लिखिए।

## रचनात्मक कार्य -

- 1.खान-पान और शरीर के अंगों से संबंधित 5-5 मुहावरों का चित्र बनाकर अर्थसहित वाक्य में प्रयोग कीजिए।
- 2. विभिन्न प्रकार के चूड़ियों के संग्रह से कलात्मक वस्तु का निर्माण कीजिए। जैसे- पेन स्टैंड, वॉल हैंगिंग इत्यादि।

## **SANSKRIT**

# वाचनकार्यम्-

- 1. श्लोकद्वयम् अर्थै: साकम् स्मर्यतु ।
- 2. प्रथम: पाठ: (सुभाषितानि) अभ्याससहितं स्मर्यतु ।

# लेखनकार्यम्-

- 3. शब्दरूपाणि लिखत- (वारि, राजन्, मातृ)
- 4. धातुरूपाणि लिखत- ( लिख्, स्था, रक्ष्) (पञ्चलकार:)
- **5. पर्याया:** (1-25) लिखत।
- **6. विपर्याया:** (1-30) लिखत।
- 7. संख्या (1-100) संस्कृतेन लिखत।
- **8.** संस्कृतेन समयलेखनम्- 12:00, 6:15, 10:30, 2:45
- 9. संस्कृत भाषया अनुवादं कुरुत-
- 1) आज हम घूमने के लिए जाएँगे।
- 2) यहाँ सुन्दर उद्यान है।

## क्रियाकलापम्-

गौ	नि	क	टे	न	को
र	क्ष	क:	का	क्त	<b>H</b>
व	आ	ज्ञा	न	म्	ल:
म्	सं	वा	द:	दी	र्घः
सु	कृ	त्य:	उ	ग्र:	म्

अधोलिखितपदानां विपर्यायाः वर्गप्रहेलिकायाः चित्वा लिखत।

सौम्यः	अज्ञानम्
भक्षकः	हस्वः
लाघवम्	परूषः
दिनम्	विवादः
दूरे	कुकृत्यः

## **MATHEMATICS**

- 1. Learn and write the tables from 2 to 20
- 2. Write the properties of rational numbers with examples.
- 3. Design a bar graph to compare the heights of your 5 friends .Use different colours to represent different heights and write the highest height and lowest height of given groups.
- 4. A bakery sells 250 loaves of bread per day. If each loaf costs Rs 20, how much money does the bakery make per day?
- 5. Measure the circumference of your bicycle wheel using a measuring tape or string. Calculate the radius of the wheel using the formula  $C=2\pi r$ .
- 6. You are dining at a restaurant with friends. The total bill is Rs 500.Calculate the tip amount for 10% ,15% and 20% of the total bill.
- 7. Simplify(  $2^3 \times 3^2$ ) ÷  $(2^2 \times 3)$
- 8. Draw and Explain the types of angles formed by a pair of parallel lines intersecting by a transversal line.
- 9. A temperature drops from 5° C to 2°C. What is the change in temperature?
- 10. A water tank can hold  $\frac{3}{4}$  of a liter of water. If  $\frac{1}{4}$  liter of water is already in the tank, how much more water can be added?

#### **SCIENCE**

- 1.Differentiates between force and pressure. Explain how pressure changes with area, giving real life examples.
- 2. John and Radha were classmates since childhood. When Radha became eleven years old, she developed a little swelling on her neck. She visited the doctor who started medication for her. After a few years, John also developed a slight protrusion on his throat. He got worried and went to the doctor. But, the doctor assured him that it was a normal feature in boys while they are growing up. Can you think of any reasons for the difference in diagnoses?
- 3.It is observed at petrol pumps and airports, that hydrocarbon fire extinguishers are used, instead of soda-acid fire extinguisher.

  Give reasons why?



Draw the diagrams of following

- Microorganisms (all types)
- Endocrine gland
- Electroplating
- Electroscope

Prepare a 3-D or static model on following topic.

- Periscope
- Irrigation System
- Wildlife Sanctuary model
- Hydraulic lift
- Braille system

#### **SOCIAL SCIENCE**

- 1. On the political map of India locate the following -
- a. States and its capital
- b. Union Territories and its capital
- c. Neighbouring countries of India
- 2. On the world map locate the following -
- a. Oceans and Continents
- 3. Read the newspaper daily, cut out at least 10 pictures related to the development work carried out by the government to raise economy in Raipur, and paste them in your notebook

Note – Homework should be done in Geography notebook.

## **INFORMATION TECHNOLOGY (IT)**

- 1. Write the names of four types of number system.
- 2. What is expansion method?
- 3. Convert the  $(26)_{10}$  and  $(64)_{10}$  to binary number.
- 4. Write the Full Form of:
  - a. LSD
  - b. MSD
- 5. Convert  $(1111)_2$  to decimal number.

# **GENERAL KNOWLEDGE (GK)**

## I. ANSWER THE FOLLOWING QUESTIONS:-

- 1. Who is known as the "Father of ISRO"?
- 2. Which is India's first mission to the moon?
- 3. What is the name of India's first human space flight mission planned by ISRO?
- 4. Which are the four cities where the Kumbh mela is held?
- 5. What is Ardh Kumbh mela?
- 6. Which Ancient text mentions the origin of the Kumbh Mela?
- 7. What is the full form of IMO?
- 8. Who published the Human Development Index (HDI)?



- 9. When did the Indo China war take place?
- 10. Leprosy is often associated with stigma and discrimination. How can healthcare professionals and policymakers address this issue while ensuring effective disease control?
- 11. What is the connection between Kumbh Mela and UNESCO?
- 12. Which digital platform is used to manage Ayushman Bharat?
- 13. Which ministry recently released the National Curriculum for Early childhood care and education 2024 titled Aadharshila?
- 14. Which country hosted the 2024 G20 Summit?
- 15. Which country become the largest exporter of renewable energy in 2024?
- 16. Which company led the development of AI in 2024?
- 17. Who is appointed as the head coach of Indian National Badminton team in February 2025?
- 18. Which female tennis player secured her first Grand Slam title at the 2025 Australian open?
- 19. Who won the 2025 Asian Snooker Championship?
- 20. What is the name of the chat GPT style AI service recently launched by Reliance Industries?
- 21. Atal Innovation Mission (AIM) recently collaborated with which company to establish Frontier Technology Labs (FTLS) in schools?
- 22. What is the Bio Trig recently mentioned in the news?
- 23. Lyme disease, recently reported in Kerala, is caused by which type of organism?
- 24. What is India's flagship solar energy scheme?
- 25. What is the name of the recently discovered species of ancient human in the Philippines?

#### **ART AND CRAFT (DRAWING)**

Draw and colour a seascape with a lighthouse in drawing copy or file.