



MHS DAV SR. SEC. SCHOOL AKHNOOR

HOLIDAY HOMEWORK FOR SUMMER VACATION

SESSION: 2025-26

CLASS: VIII

Note: Holiday Homework will be assessed and included in your Internal Assessment marks.

SUBJECT: ENGLISH

1. Write and learn Speech on the topics given below:-

- Tolerance Need of the Hour
- The Generation Gap
- The Need and Importance of Sports.

2. Read the book 'Wings of Fire' by Dr. APJ Abdul Kalam. Critically analyse his work and book review.

3. Make a model of Tenses.

4. Write down the Poetic device used in the Poems 'Granny's Tree Climbing' and 'My Mother'.

Note: Revise all the syllabus completed in April and May.

- Complete the above work on A4 size sheets and make a proper file.

SUBJECT: HINDI

1. पैरालंपिक खेल कब, कहाँ और किस वर्ष शुरू किए गए तथा इनका आयोजन किन-किन देशों में और कितने सालों में किया गया? इसके बारे में जानकारी एकत्रित करके तालिका (Table) बनाकर लिखिए।

2. अंतरिक्ष यात्री कल्पना चावला के जीवन के विषय में जानकारी एकत्रित कीजिए और यह भी बताइए कि वह अपने लक्ष्य को प्राप्त करने के लिए किस प्रकार समर्पित रही। (चित्र सहित)

3. पाठ -4 अलंकार (अभ्यास सागर) में आए अलंकार की परिभाषा व भेद उदाहरण सहित लिखिए।

4. निम्नलिखित शब्दों के दो-दो पर्यायवाची शब्द लिखिए।

गगन, जल, तरु, अरमान, किरण, विघ्न, दिन, उपहार, रात, ज़मीन, समुद्र, नदी, चाँद, सूरज, कपड़ा, संसार, आग, हवा, घर, जंगल

5. निम्नलिखित शब्दों के विलोम शब्द लिखिए।

शाश्वत, दुखद, दुर्भाग्य, दंड, स्तुति, सदुपयोग, हर्ष, अनुज, ईमानदार, आदि, यश, साकार, जड़, मैत्री, विष

6. पढ़े हुए पाठों को याद करें।

नोट :- समस्त कार्य अलग कॉपी में करें।

SUBJECT: MATHS

1. **Activity:** To verify the algebraic identity $(a+b)^2 = a^2 + 2ab + b^2$ (Refer pg.no.108 of textbook)
2. What is the Hardy-Ramanujan number, and why is it significant in Mathematics?
3. Prepare the project on the topic assign to the roll number group:

Roll no. 1 to 15

Make 3D shaped figures like cube and cylinder using cardboard, colour sheets etc. Also write down their properties and related formulas on A4 size sheet (Refer chapter 14 from textbook).

Roll no. 16 to 30

Design and build a park model that demonstrates the properties and concept related to parallel lines and the transversals.

Roll no. 31 to 44

Design an innovative calendar model which depicts the concept of square and square roots or cube and cube root

4. Solve the given worksheet:

- i. Find the value of $\sqrt{44 + \sqrt{14 + \sqrt{121}}}$
- ii. Find the square root of 10 correct to 3 decimal places.
- iii. Find the least number of 6 digits which is a perfect square. Find the square root of this number.
- iv. If $\frac{\sqrt[3]{0.027}}{x} = \sqrt[3]{1000}$, then find the value of x.
- v. Evaluate $\sqrt[3]{288\sqrt[3]{54\sqrt[3]{64}}}$
- vi. If $5^{x-1} + 5^{x+1} = 130$, then find the value of x.
- vii. Evaluate : $[7(64^{1/3} + 27^{1/3})^3]^{1/4}$
- viii. Find x so that $(\frac{1}{3})^{-5} \times (\frac{1}{3})^7 = (\frac{1}{3})^{2x-1}$
- ix. Evaluate : $\frac{1}{\sqrt[3]{0.027} - \sqrt[3]{0.008}}$
- x. Evaluate : $\{[(256)^{-1/2}]^{-1/4}\}^2$

Note: Do all the work on interleaf sheets and compile it into a file.

SUBJECT: SCIENCE

1. Make a continuity tester with the help of a simple electric circuit.
2. Make a model of plant cell and animal cell using waste materials.
3. Write the different methods of preservation. Also write two examples of food that can be preserved by each of the method.
4. Select any of your favourite planet, collect as much information about this planet as you can. (use Internet resources/ book/ Newspaper / encyclopaedia,etc.). Prepare a report. Try to give details about the following in your report:
 - a) Discovery of the planet.
 - b) It's special features (if any).
 - c) Would human beings be able to survive on this planet?
5. Frame 15 extra questions from the chapters- 1, 2, 6 and 7.

Note: Revise all the chapters done in the class.

SUBJECT: SOCIAL SCIENCE

1. Research and create a detailed project on a specific leader from the Revolt of 1857, including their background, role, and impact.
2. Create a newsletter covering significant events from British India, focusing on news, politics, and social life during that period.
3. Develop a poster showcasing the importance of conserving natural resources, highlighting different types of resources and their conservation methods.
4. Conduct a survey within your neighborhood, collecting data on household demographics, environmental awareness, or resource consumption habits
5. Locate and label at least five member countries of the United Nations in Asia on a map.

Note : Do all the work on A4 size sheets and compile it into a file.

SUBJECT: SANSKRIT

1. गतिविधि: भारतस्य मानचित्रे प्रमुखाः नदीः दर्शयित्वा नामानि अपि लिखन्तु
2. संख्या 1 से 100 शतम् लिखन्तु
3. धातु रूपाणि गम (लट्लकारे)
पठ(लोट्लकारे) लिखन्तु
4. पाठ्य पुस्तक पेज 143 संस्कृतस्य
5. महत्त्व वर्णयन् स्वामित्व पत्र लिखन्तु