



DAV PUBLIC SCHOOL , HEHAL RANCHI-5

SESSION (2026-27)

HOLIDAY HOMEWORK

CLASS- VIII

ENGLISH

- 1) Make a biosketch of Ruskin Bond and attach a colour photo of him. (You can submit it in printed form also.)
- 2) Write an essay on "The Fun Activities of Summer Holidays". Also, attach the photos relevant to that.

***Do all these Homework in A4 size paper.**

HINDI

1. हम पंछी उन्मुक्त गगन के' कविता लिखें, याद करें एवं कविता से जुड़ी रंगीन चित्र बनाएँ।
(चार्ट पेपर पर)
2. ज्ञान सागर- पाठ- 1 एवं 2 में आए सभी प्रश्नोत्तर को याद करें।
3. अपने आदर्श/प्रेरक व्यक्ति पर एक अनुच्छेद लिखिए एवं उनका चित्र चिपकाएँ या बनाएँ।
(चार्ट पेपर पर)
4. अभ्यास सागर-पाठ- 1 एवं 2 में आए सभी अभ्यास कार्यों को पूरा करें।

SANSKRIT

'सुवचनानि ' इति विषये पञ्चश्लोकान् लिखित्वा तेषाम् अन्वयम् अनुवादं च लिखत। (A-4 साइज पेपर)

MATHEMATICS

1. How many non square numbers lie between 111^2 and 112^2 .
2. Find the greatest number of four digits which is a perfect square . Find the square root of this number .
3. The area of a square field is 60025 m^2 . A man cycles along its boundary at 18 km/hr . In how much time will he return to the starting point ?
4. Find the square root of 5 correct up to two places of decimal .
5. Find the least number which must be subtracted from 2509 to make it a perfect square .
6. Find the Pythagorean triplet whose smallest number is 12 .
7. Find the square root of 6.4009 by long division method .
8. Find the cube of : (i) 1.2 (ii) 0.8 (iii) - 7
9. Find the cube root of 13824 by prime factorisation method .
10. Find the smallest number by which 1323 must be multiplied so that the product is a perfect cube .

11. Find the smallest number by which 1600 must be divided so that the quotient is a perfect cube .

12. Find the cube root of 17576 through estimation .

13. Write all perfect squares in between 1 to 10000 .

14. Do the following Activity .

Write the square of first ten natural numbers and show it by drawing squares just like chess board on a drawing sheet/A4 size paper .

SCIENCE

A. Pressure is not just due to solids. Liquids and gases also exert pressure. This property helps in dams, blood pressure, straws, and weather. Answer the following:

1. State Pascal's Law. Write 2 applications of it.
2. List 3 properties of liquid pressure.
3. Why do deep sea divers feel pain in ears if they rise quickly?
4. If you make 3 holes at different heights in a bottle filled with water, from which hole will water come out farthest? Why?
5. Why does nose bleeding occur at high mountains?

B. Complete the Table:

Cell Organelles	Functions
Mitochondria	
Cilia	
Rough ER	
Smooth ER	
Vacuoles	
Chloroplast	
Leucoplast	
Ribosomes	
Golgi Complex	

C. Write any one use of the following petroleum products –

- (a) Diesel –
- (b) Paraffin wax –
- (c) Asphalt –
- (d) Petrol –
- (e) Fuel oil –

D. A factory uses coal as its main source of energy. Recently, people nearby have complained about pollution.

- (a) Identify the type of energy source used.
- (b) Mention two environmental problems caused it.
- (c) Suggest a cleaner alternative energy source.

NOTE:- H.H.W to be done in Science H.W copy.

SOCIAL SCIENCE

GEOGRAPHY

1. Show Classification of Resources with Examples (include Drawing/Pictures)
 2. Project work- (Anyone)
 - *Make a Comic Strip showing ‘Careless uses of Resources and its consequences.’
- OR
- * Make a useful item using waste materials.
3. Prepare a One Minute Speech on “How can I save resources”.

HISTORY

- 1.Prepare a Colourful Timeline Chart of the major events of Twentieth Century India.
2. Write 5 Slogans used during India’s Freedom Struggle.
- 3.Project Work: Make a poster creating awareness among the people to protect old buildings and monuments.

CIVICS

- 1.Learn the Preamble of the Constitution of India and be ready to recite it in the morning assembly after vacation. Write the Preamble in an A4 sheet with a decorative border.
- 2.Write 5 slogans on Equality and Unity.
3. Prepare a 1 minute speech on ‘Unity in Diversity’

General Instructions:

- *Complete all the work neatly and on time.
- *All work must be done in a Stick File.
- *Make a Decorative Cover page and Mention your Name, Class and Subject.
- *Revise all the chapters taught and learn the Q. Ans.
- *Bring the assignment on the first day after Summer Vacation.
