



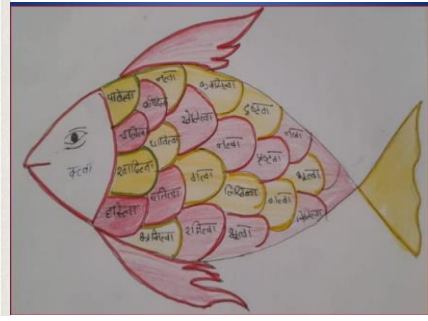
DAV PUBLIC SCHOOL, HEHAL, RANCHI (MCM BLOCK)  
SUMMER HOLIDAYS HOMEWORK (2023-24)  
CLASS-VIII

**ENGLISH**

1. Write 50 verbs and their three forms in A4 size papers. Students can also show it in a chart paper in an artistic way.
2. Prepare bio - sketch of Ruskin Bond and paste his photographs also in A4 size papers.

**SANSKRIT**

1. वृत्ताकाररूपे वृक्षाकाररूपे मत्स्याकाररूपे वा उदाहरणानुसारं ग्रीष्मावकाश-गृहकार्यं कुर्वन्तु



शब्दरूपाणि--देव ,लता ,अस्मद्

धातुरूपाणि--पठ् ,भू,अस्(पंचलकारेषु)

संख्या -एकतः पंचविंशतिः यावत्(01 से 25 तक)

सन्धिः--दीर्घगुणयोः दश-दश-उदाहरणानि ।

लिखन्तु स्मरन्तु च।

2. प्रथम-अध्यायस्य सर्वाणि कार्याणि पुनः पुनः पठित्वा स्मरणं कुर्वन्तु।

**SCIENCE**

1. How is pressure related to force and area? Design and experiment/activity to explain how these inverse relationship, between pressure and area, is used in daily life.
2. Force and pressure are two different concepts though at times we tend to use these two words interchangeably. Collect some pictures, draw cartoons to bring out the difference between the two.
3. Prepare a report on the precautions that should be taken while using CNG in vehicles.
4. Find out the information on the places for which solar energy or wind energy is being put to use in place of fossil fuel based energy sources.
5. Draw a well labelled diagram of a plant cell and an animal cell and highlight the differences between them on it.
6. Write the structure and function of each-
  - (a) Powerhouse of the cell .
  - (b) Kitchen of the cell
  - (c) Brain of the cell
  - (d) Packaging centre
  - (e) Protein factory

Note- Do the above holiday homework in a4 size paper and stick in a stick file.

**Important- think an innovative idea for the science project and submit in a stick file with proper sketch of model. (model is not required)**

## SOCIAL SCIENCE

1. As a young Indian, suggest any five ways to reduce the wastage of resources
2. Collect 10 popular slogans and names of the freedom fighters who gave them during the freedom struggle of India.
3. Make a report of temperature (hightest and lowest ) humidity time of sunrise and sunset etc.(15days) by Studying newspaper daily.

**Note-** Do the above holiday homework in a a4 size paper and stick in a stick file.

## HINDI

1. 'हम पंछी उन्मुक्त गगन के' पाठ के आधार पर पक्षियों की भावनाओं और प्राकृतिक दृश्यों को चित्र द्वारा स्पष्ट कीजिए।
2. आपने गरमी की छुट्टी कैसे बिताई? एक अनुच्छेद के रूप में लिखिए और उसमें जो संज्ञा, सर्वनाम और विशेषण शब्द आए हैं उन्हें छाँटकर उनका भेद लिखिए।
3. 'नई शिक्षा नीति-2020' को आपने किस प्रकार समझा है? इस विषय पर अपना विचार प्रकट कीजिए और बताइए कि पूर्व शिक्षा नीति और नई शिक्षा नीति में आपको कौन-सी नीति अधिक पसंद है।
4. निम्नलिखित शब्दों का तत्सम रूप लिखिए-  
नींद, आँसू, खेत, जीभ, आँख
5. किन्हीं दस शब्दों को लिखकर उनका दो-दो पर्यायवाची शब्द लिखिए।

**Note-** do the above holiday homework in a a4 size sheet paper and stick in a file.

## MATHS

1. FIND THE SQUARES OF THE FOLLOWING AND REPRESENT THE PATTERNS.  
(a) 1 ; 11 ; 111 ; 1111 ; 11111 ; 111111  
(b) 7 ; 67 ; 667 ; 6667 ; 66667 ; 666667  
(c) 11 ; 101 ; 10101 ; 1010101 ; 101010101
2. Verify the algebraic identity  
 $(a+b)^2 = a^2 + b^2 + 2ab$   
By activity method (using coloured papers)
3. SOLVE THE FOLLOWING PROBLEMS  
(a) The area of a square field is  $60025m^2$ . A man cycles along it's boundary at  $18km/hr$ . In how much time will he return to the starting point.  
(b) Find the least square number which is exactly divisible by each of the following numbers 8 , 12 , 15 and 20.

**Note:** h.w must be done a seperate copy and has to be kept for further holiday homeworks.

## **FINE ARTS**

Poster Making with any medium on A3 Size Paper Sheet .

Topic- Save Environment

(Global Warming)

## **MUSIC**

1. Practice 5 Alankars with their mathematical sequences as taught during classes.
2. Practice any one devotional , one Patriotic song and one Bollywood song with good lyrics which can be presented before teachers and parents and write it in your Music copy.
3. Practice any one form of Indian Dance (Classical or folk) of your choice daily.
4. Paste pictures of renound Classical instrumental players, dancers , Singers of India in your music copy.
5. Paste pictures of Indian instruments and folk dances of India in your music copy.
6. Meditation 10 to 15 minutes daily.

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