K.V.M. PUBLIC SCHOOL, HALDWANI
HOLIDAY HOMEWORK (2025-26)
CLASS: - X

ENGLISH LANGUAGE AND LITERATURE

Do the following work in your English Grammar notebook.

1. Write a letter to the Editor of the Times Newspaper, highlighting increasing technological addiction among the youth.
2. You are Kritika. Your school's Yoga Club hosted a workshop called "Art of Living for Students." Write a letter to the editor of the local daily newspaper in roughly 100-120 words giving your thoughts on the matter.
3. Read the following poems and makes the note of all the poetic devices/figures of speech along with the examples: -
   a) Dust of Snow
   b) Fire and Ice
   c) A Tiger in the Zoo.
   d) How to tell Wild Animals.
4. Write a story on any one of the following, based on the facts given in the chapter: -
   a) Nelson Mandela: A Long Walk to Freedom.
   b) Diary of Anne Frank
5. Analyse your Unit Test – I report card and write an analytical paragraph on it. Mention different regions why you must have scored least marks and the highest marks in specific subjects and what steps can be taken to improve the performance.

SOCIAL SCIENCE

*INTERDISCIPLINARY PROJECT WORK

Prepare an Interdisciplinary Project on the Topic: The role of Roadways and Waterways in Post-World War II- (World and India)

Chapters covered under this project are:
      1. History: Making of Global World
      2. Geography: Lifelines of National Economy
      3. Economics: Globalisation and the Indian Economy

Instructions

Project file must be beautifully maintained and kindly stick to the CBSE pattern of project making.
Project should be developed and presented in this order:
1-   Cover Page
2- Acknowledgement
3- Certificate
4- Index   5- Content Pages
6- Conclusion
7- Bibliography
8- Teacher's remark
•   It must be hand written.

HINDI

ग्रीष्मकालीन अवकाश गृहकार्य

1) सामाजिक सेवा कार्यक्रम के अंतर्गत किसी गांव में सफाई अभियान के अनुभवों का उल्लेख करते हुए अपने मित्र को पत्र लिखिए।

2) आधुनिक सुविधाओं से सुसज्जित घर किराए पर देने के लिए विज्ञापन लगभग 20 से 25 शब्दों में तैयार कीजिए।

3) स्वच्छ भारत अभियान से संबंधित विज्ञापन को 25 से 50 शब्दों में तैयार कीजिए।

4) ध्वनि प्रदूषण की समस्या से अवगत कराते हुए नगर योजना अधिकारी को ईमेल पत्र लिखिए।

5) आपके विचार में देश और देश प्रेम क्या है? अनुच्छेद लिखिए

MATHEMATICS
Make a project on any one of the following topics:
1. Real numbers
2. Polynomials
3. Pair of linear equations in two variables

INFORMATION TECHNOLOGY

General Instruction:
The given questions are to be done in the I.T Notebook.

Answer the following questions
1. Who is an Entrepreneur? Write any 5 qualities of a successful entrepreneur.
2. Mention the difference between a job seeker and a job creator
3. Write a short paragraph about an Indian entrepreneur who inspires you.
4. What is 7'Cs in effective communication?
5. Name any two popular Anti –virus software.

Practical Activity:
Create a spreadsheet with the following fields
Roll no, Name, English, Maths, Science, Total Average, Result
Use formula to calculate Total and Average
Use if ( ) function to display 'Pass' if average>=33 else 'Fail'
Note: Complete the above given task using Libre Office Calc or MS Excel.
Take screenshots of your work and paste in your notebook.

SCIENCE
PHYSICS

1. Prepare the tabular display of all the cases of image formation by concave and convex mirror along with proper neat ray diagrams of the same.
2. Make a list of at least ten uses of concave and convex mirrors in our daily life around us.
3. A convex lens made of a material of refractive index n2 is kept in a medium of refractive index n1 a parallel beam of light is incident on the lens complete the path of days of light emerging from the convex lens if a) $n1<n2$ b) $n1=n2$ c) $n1>n2$
4. i) Rohit claims to have obtained an image twice the size of the object with a concave lens. Is he correct? Give reason for your answer.
ii) where should an object be placed in case of a convex lens to form an image of same size as of the object Show with the help of a ray diagram the position and nature of image formed.
iii) With the help of ray diagram illustrate the change in position size and nature of image formed if convex lens in case of ii) is replaced by a concave lens of same focal length.
5. A spherical mirror produces an image of magnification -1 on a screen placed at a distance of 50 cm from the mirror.
  (a) Write the type of mirror.
  (b) Find the distance of the image from the object.
  (c) What is the focal length of the mirror?
  (d) Draw the ray diagram to show the image formation in this case.

BIOLOGY
Q1. Prepare a project file on (any 1 topic) of minimum 8-10 pages from the topics given below -

(a) Nutrition, Nutrients and Modes of Nutrition.	(b) Plant Nutrition
(c) Nutrition in human beings	(d) Respiration and its types
(e) Exchange of gases in plants and animals	(f) Transportation of Human beings
(g)Human Respiratory system and Mechanism of breathing.	(h) Transportation in plants.

CHEMISTRY
Prepare a project on anyone of the given topics:

(a) Chemical Reaction in Cooking.	(b) Creating a homemade pH indicator.
(c) Rust formation and prevention.	(d) Action of Soap with dust particles.
(e) Chemical Properties and Applications of Baking Soda.	