



DAV PUBLIC SCHOOL

DAYANAND NAGAR, MAHESHKHUNT

SUMMER VACATION HOLIDAY HOME WORK (2025-26)

Class: X

ENGLISH

1. Write the different structures of Present, Past and Future Tenses separately on chart-paper.
2. Explain "Determiners" with all the types giving some examples separately on chart-paper.
3. Learn & Write all the question-answers of the taught chapters from both the literature books.
(Make a separate copy naming VACATION HW COPY)
4. Write summary of all the taught chapters from both the literature books including poems.
5. Write the biography in brief of any five English Literary Personalities of your own choice in A4 size pages.

HINDI

1. आपने ऐसे चरित्र के बारे में सुना होगा जिन्होंने अपनी वाक्चातुर्य के आधार पर अपनी पहचान बनाई। जैसे बीरबल, तेनालीराम, गोपालभांड आदि।
आप ऐसे किसी भी चरित्र के किस्से को एकत्रित कर चित्र सहित एलबम तैयार करें।
2. कक्षा में कराए गए सभी कार्यों को याद करें एवं अभ्यास करें।
3. पढ़ाए गए पाठ से कवियों एवं लेखकों के जीवन परिचय लिखें।
4. पद परिचय के सभी खण्डों (सर्वनाम, विशेषण, क्रिया, क्रिया विशेषण काल आदि) को सोदाहरण रचनात्मक तरीके से दिखाएं।

SANSKRIT

पाठ: - प्रथमः, द्वितीयः तृतीयः च पाठात् शब्दान् चित्वा लिखन्तु सन्धिम्, उपसर्गं, अव्ययं, धातुं प्रत्ययम् च

1. अपने वर्ग शिक्षक के बारे में 20 वाक्य संस्कृत में लिखें।
2. वर्णों के उच्चारण स्थान संस्कृत में लिखें।
3. साधु, लता, कवि और बालक का शब्द रूप लिखें।

सा विद्या या विमुक्तये

“प्राचीन शिक्षा पद्धति अति समृद्ध और बच्चों के सर्वांगीण विकास को देखते हुए बनायी गयी थी। गुरुकुल शिक्षा प्रणाली की शुरुआत वैदिक काल में हुई, जब किसी भी तरह की शिक्षा प्रणाली नहीं हुआ करती थी। लेकिन स्कूल बेस्ड शिक्षा के साथ वेद, पुराण आदि से सिखने का चलन जरूर था आज संपूर्ण विश्व भारतवर्ष की गुरुकुल शिक्षा प्रणाली को देखकर विस्मित है और यह मानने को विवश है कि छात्रों के कौशल विकास हेतु शिक्षा का वही प्रारूप पुनः प्रचलन लाना अनिवार्य है।”

1. उपरोक्त जानकारी के आधार पर ‘गुरुकुल पद्धति’ में ज्ञान एवं कौशल-विकास हेतु किये गए मुख्या प्रयासों पर केन्द्रित एक विस्तृत परियोजना का निर्माण कीजिये।
2. वर्तमान समय में कौशल-शिक्षा के लिए क्या कदम उठाये जा सकते हैं? इस विषय पर दो मित्रों के मध्य संस्कृत में संवाद लिखिए।

नोट: प्रदत्त कार्य A-4 आकार के पन्नों पर कीजिये और पोर्टफोलियो में संकलित कीजिये।

MATHS

LAB MANUAL

Do following activities in Math Lab Manual

1. Pair of Linear Equations in two variables: To verify the conditions for consistency of a system of linear equations in two variables by graphical representations.
2. To draw the graph of a quadratic polynomial and observe
 - (a) The shape of the curve, when the coefficient of x^2 is positive.
 - (b) The shape of curve, when the coefficient of x^2 is negative.
 - (c) Its number of zeroes.
3. Revise chapter 1 and 2 (NCERT BOOK & NCERT EXAMPLER)
4. Complete chapter – 3
5. Solve all the questions related to chapter – 1 & 2 given in CBSE board papers of last 2 years.

COMPUTER

Answer the following questions:-

- 1) Write any three advantages of verbal communication.
- 2) What do you mean by body language?
- 3) How can we give the feedback?
- 4) What are the advantages and disadvantages of verbal communications?
- 5) What is Good and Bad Stress?
- 6) What are the factors that cause common stress to students?

SCIENCE

PHYSICS

ASSIGNMENT:-

1.) Write down the New Cartesian Sign Convention (NCSC) of the spherical mirrors. Solve 10 numerical related to the spherical mirror.

Note: - This given work is to be done in H.W. note book.

PROJECT WORK:-

Draw ray diagrams in spherical mirrors (Concave mirror & convex mirror).

Note: - This Work is to be done in chart paper with full decoration & creativity.

CHEMISTRY

1. Do and write electrolysis of water on A4 size paper.
2. Write answer of given questions.
 - I. Explain the term Rancidity. What damage is caused by rancidity?
 - II. What is meant by a chemical reaction? Explain with the help of an example. Also write characteristics of chemical reaction with examples.
 - III. Write oxidising and reducing agent Of the following equations:
 - a. $\text{Fe}_2\text{O}_3 + \text{CO} \rightarrow \text{Fe} + \text{CO}_2$
 - b. $\text{H}_2\text{S} + \text{Cl}_2 \rightarrow \text{HCl} + \text{S}$
 - c. $\text{HgCl}_2 + \text{SnCl}_2 \rightarrow \text{Hg}_2\text{Cl}_2 + \text{SnCl}_4$
 - d. $\text{FeCl}_3 + \text{H}_2 \rightarrow \text{FeCl}_2 + \text{HCl}$

BIOLOGY

6. Answer the following questions

- (a) Explain with the help of neat and well labelled diagrams the different steps involved in nutrition in Amoeba.
- (b) Why is nutrition necessary for the human body?
- (c) What causes movement of food inside the alimentary canal?
- (d) Why is small intestine in herbivores longer than in carnivores?
- (e) What will happen if mucus is not secreted by the gastric glands?
- (f) State the role of HCl in the stomach.
- (g) With the help of well labelled diagram, explain human digestive system.

SOCIAL SCIENCE

HISTORY / CIVICS

Project –

Prepare a timeline chart for French revolution in class work copy.

Draw the political map of Europe and locate France, its capital, port towns and neighbouring countries in 1/4th size chart paper.

Assignment –

Learn the question answer of French revolution and What is democracy?

Why democracy?

GEOGRAPHY

1. PROJECT/ACTIVITY

(1) Find out the longitudinal and latitudinal extent of your state.

(iii) Collect information about the 'Silk Route'. Also find out the new developments, which are improving communication routes in the regions of high altitude.

2. MAP SKILLS On an outline map of India show the following.

(i) Mountain and hill ranges: the Karakoram the Zaskar, the Patkai Bum, the Vindhya Range, the Aravalli Range, Cardamom hills,

(ii) Peaks – K2, Kanchenjunga, Nanga Parbat and AnaiMudi.

(iii) Plateaus, Chotanagpur and Malwa

(iv) The Indian Desert, Western Ghats, Lakshadweep Islands

3. WEATHER DIARY

Maintain a diary recording daily temperature, rainfall, humidity, and wind direction for a week. Compare with data from another city or country.

4. POSTER MAKING

Topics: —RELIEF MAP OF INDIA|| (Page No. 9) AND —India: Extent and Standard Meridian|| (Page No. 3) by using appropriate colour or symbols. Note:- write answers in a separate copy and Activity work in project file.

ECONOMICS

Assignment

Investigate the farming methods which were used in palampur as well as the irrigation facility or, role of technology and the type of cropping .And compare these practices with traditional farming methods and also find out the challenges faced by the farmers in both the method .

Project

Develop a presentation or poster showcasing the different non farming activities and the importance of village economy