



SUMMER VACATION HOME WORK (S.V.H.W.) 2024-2025

Class –X

Guardians are requested to help their wards to complete their following given S.V.H.W. sheet in the separate prescribed copy (Practice Copy) of each subject during the holidays. Put initial/signature on the last page of S.V.H.W. sheet and copy as well as submit it at the Re-opening of the school.

Note: The S.V.H.W. response shall be counted in Unit-1.

NameSec.....Roll No..... Date..... Sign. Of Teacher.....

[Subject – English]

Learning:

1. Learn all taught chapters word meanings and summary.
2. Learn all taught chapters answers and other exercise.

Written:

1. Write all word meanings of taught chapters. (In PC)
2. Write all answers of taught portion. (In PC)
3. Practice and write minimum 40 sentences of each tense.

Activity:

1. Make a diary and write down all experiences of summer vacation. (Use hard paper for dairy cover)
2. Make an envelope and put a letter in it, A letter to god. (Use hard paper)

Project :

1. Four types of dog breed inducing its information. (In file)

S.S.H.W.

Do research on Nelson Mandela with his pictures. (On chart)

[Subject – Hindi]

मौखिक-

1. 'नेता जी का चश्मा' पाठ के अभ्यास प्रश्नों को याद करो ।
2. 'सूर के पद' के अभ्यास प्रश्नों को याद करो ।

लिखित-

1. हालदार साहब को कौन-सी आदत पड़ गई थी ?
2. हालदार साहब जेहन में चश्में वाले की कौन सी आकृति उभरी थी ?
3. प्रेम की मर्यादा क्या होती है ? गोपियों ने यह कथन किस संदर्भ में कहा ?
4. गोपियों ने अपने प्रेम की तुलना हारिल पक्षी से क्यों की है ?
इन प्रश्नों का उत्तर लिखकर याद करो ।

रचनात्मक

कार्य-

1. 'सूरदास' के जीवन परिचय एवम् रचनाओं के आधार पर एक अनुच्छेद लेखन कीजिए ।

परियोजना

कार्य-

1. 'नेता जी सुभाष चन्द्र बोस' का एक सुंदर चित्र व उनके दो प्रमुख नारे – चार्ट पेपर पर बनाइए ।

- S.S.H.W. 1. सूरदास वात्सल्य व शृंगार रस के सम्राट थे – कथन को सिद्ध करें ।

[Subject – Mathematics]

Learning:

1. Learn all algebraic identities.
2. Learn all the conditions of consistency and inconsistency of pair of linear equations in two variables.
3. Learn quadratic formula and formula of discriminant.

Written:

1. Solve Ex 2A, 2B of side book.
2. Solve all word problems of quadratic equations.
3. Solve 20-20 questions from pair of linear equations in two variables by elimination and substitution method.

Activity:

1. Prepare a model of surface area and volumes of different 3-D figures.
2. Prepare a model of Bar Graph and Histogram.

Project:

1. Write trigonometric table on chart paper.
2. Prepare consistency / inconsistency table for pair of linear equations in two variables.
3. Prepare a chart for formula of surface area and volume.

S.S.H.W:

1. Write a biography of one Indian and one foreign mathematician and paste their photograph and explain their contribution in the field of mathematics.

[Subject – Physics]**Learning:**

1. Rule for Concave & Convex Mirror.
2. Image formation for concave & convex lens.
3. Learn all formula of mirror & lens.

Written:

1. Image formation for convex lens.
2. Define power of lens.
3. Solve NCERT exercise Pg. No. 1 to 12.
4. Solve Page no. 185 (Pg. no – 1 to 12)

Activity:

1. Take a large shining spoon. Try to view your face in its curved surface.
2. Do you get the image? Is it smaller or larger?
3. Move the spoon slowly away from your face. Observe the image how does it change?
4. Reverse the spoon and repeat the activity. How does the image look like now?

Project:

1. Image formation by a concave mirror (**on chart paper**)

OrRules for constructing images formed by spherical mirrors (**on chart paper**)**S.S.H.W:**

1. Write the 10 uses of concave and convex mirror in daily life.

[Subject – Chemistry]**Learning:**

1. Learn all types of chemical reactions of chapter – 1.
2. Learn all the characteristics of chemical reactions.
3. Learn charges of all the cation and anion from atoms and molecules chapter (**Class – 9**)

Writing:

1. Solve all the NCERT questions of chemical reactions and equations chapter.
2. Write the damaging effect of oxidation in our everyday life.

Project:

1. Prepare a chart on type of chemical reaction and their classification.

Activity:

1. Collect and write 5 examples of physical and chemical change for our surroundings.

S.S.H.W:

1. Write about the biography of Antoine Lavoisier {**father of modern chemistry**}

[Subject – Biology]**Learning:**

1. Learn the names of enzyme for digestion of different components of food.
2. Learn respiration in roots, stems and leaves in plants.
3. Learn the composition of blood.
4. Learn hemodialysis.

Writes:

1. Write and practice Q. no 1, 2, 3, 4 Page No. (70)
2. Write the summary of respiration.
3. Write notes on ultra filtration.
4. Write the process of digestion of carbohydrates, fats & proteins.

Activity:

1. Learn by doing measurement of blood pressure by sphygmomanometer.
2. Check the presence of starch in rice, bread & potato.

Project:

1. Draw well labelled diagram of human heart. On chart.
Or
2. Draw double circulation of blood on chart or thermocol.
Or
3. Draw the diagram of nephron. On chart thermocol.

S.S.H.W.

1. Survey the no of children in your area suffering from malnutrition.
2. Observe your pulse rate per minute by searching artery in wrist.

[Subject – Social studies]**Learning:**

1. Revise and learn all the key concepts and materials of the following chapters?
1- Rise of Nationalism in Europe 2 – Development 3 – Resources & Development 4 – Power sharing

Written:

1. Complete your notes of the following chapters.
1- Rise of Nationalism in Europe 2 – Development 3 – Resources & Development 4 – Power sharing

Activity:

1. Make flow chart of the types of natural resources on the different basis.

S.S.H.W:

1. Collect information about ‘How Italy and Germany was unified?’

[Subject – Information Technology]

Learning:

1. Learn all the exercises and questions / answers of Ch – 1 Part A and Part B. (Communication skill II) and (Digital documentation).

Written:

1. Write all the exercises questions / answers of Ch – 1 Part A and Ch – 1 Part B. (Communication skill II) and (Digital Documentation).

Activity:

1. Draw a diagram of communication cycle on the chart paper.

Project :

1. Write about “stress”, and how to manage it as well as importance of stress managements in a file about 300 words.

S.S.H.W.

Search and write about

- (i) Computer network and its architecture
- (ii) Define types of network
- (iii) Internet and its application.
- (iv) Virus and Antivirus.

NOTICE
22-05-2024

1. The classes will remain ceased for summer vacation from 24th May to 22nd June 2024.
2. Office will remain opened during the holidays to facilitate the Guardian for Admission, Fee deposition and other Official Inquiries.
3. Administrative / Academic activities will begin from 18th of June onwards.
4. Classes will resume from 24th of June 2024.
5. The students who come by school bus will wait for their bus at their respective stoppage Fifteen minutes delay in its usual time.

Guardian's Signature

By Order
Principal