



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

Class –IX

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 the taught chapter's word meanings.
2. Learn all answers and other exercises of taught chapters.

Written:

1. Write all word meanings of taught portion (In PC)
2. Write all answers of taught portion. (In PC)

Activity:

1. Make a diary and put your daily experiences in the diary. (Use hard paper for cover)
2. Draw or paste five musical instruments and its information. (On chart)

Project :

1. Make a model of robotic teacher using your imagination (Thermocol and other important components)

S.S.H.W:

1. Make a project based on your research about 'ISAAC ASIMOV' or 'ROBERT FROST' (On chart)

[Subject – Hindi]

Learning:

1. दो बैलों की कथा नामक पाठ का प्रश्नोत्तर याद करें ।
2. कबीरदास पाठ के सभी प्रश्नों के उत्तर याद करें ।
3. उपसर्ग, प्रत्यय एवं समास व समास के सभी भेदों एवं परिभाषाओं को याद करें ।

Written:

1. कबीरदास पाठ के सभी प्रश्नों के उत्तर लिखिए ।
2. कबीरदास पाठ का भावार्थ लिखिए ।

Activity:

1. कबीरदास जी का जीवन – परिचय लिखिए । (File)

Project :

1. मुंशी प्रेमचंद का जीवन चरित्र प्रस्तुत कीजिए ।

S.S.H.W:

किसी एक पर 350 शब्दों में निबंध लिखिए ।

1- सदाचार 2- धन की सार्थकता 3- स्वच्छता का महत्व ।

[Subject – Mathematics]

Learning:

1. Learn all the laws of exponents.
2. Learn all properties of real numbers.
3. Learn all algebraic identities.

Written:-

1. Solve Ex 1 F and 1 G from side book.
2. Solve all questions of Ch. – 1 and Ch. – 2 from NCERT.

Activity:-

1. To prepare a model on properties rational number.
2. To prepare a modal on area & volume of 3-D figures.
3. To prepare a model on square & cube of numbers.

Project:-

- 1 Make a chart on algebraic identities.
- 2 Make a chart on surface area and volume of 3-D figures.
3. Make a chart of different types of angle.

S.S.H.W:-

1. Write biography of any two mathematicians and paste their photograph. Also explain their contribution in the field of mathematics.

[Subject – Physics]**Learning:-**

1. What is physical quantities?
2. Types of physical quantity.
3. Difference between speed and velocity.
4. What is uniform acceleration and non-uniform acceleration?

Written:-

1. Plot velocity time graph for a body whose initial-velocity is 5m/s and it's moving with a retardation of 1 m/s^2 . Also calculate the distance covered by it till it stops.
2. What is the uniform circular motion?
3. A racing can has a uniform a/n of 4m/s^2 . What distance will cover in 10 sec after start?

Activity:-

In your everyday life you come across a range of motion in which.

1. Acceleration is in the direction of motion.
2. Acceleration is against the direction of motion.
3. Acceleration is uniform. An acceleration is non-uniform.

Project:-

- 1 Define circular motion with labelled diagram. On chart paper.

S.S.H.W:-

1. Take a meter scale and long rope. Walk from one corner of basketball court to its opposite corner along its sides.
2. Measure the distance covered by you and magnitude of displacement.

[Subject – Chemistry]**Learning****Work:-**

1. Learn about matter and different states of matter.
2. Learn melting point boiling point, Latent heat latent heat of fusion, latent heat of vaporisation.

Written**Work:-**

1. Do all NCERT questions of chapter – 1 in P.C. Copy.
2. Do all class assessment of chapter – 1 in P.C. Copy?
3. Write short answer of Ch. – 1 in P.C. Copy.
4. Write MCQ'S of Ch. – 1 in P.C. Copy.

Activity:-

1. To show that particles of matter have space between them.
2. To show that particles of matter are in state of motion.

Project Work:

- 1: Make different states of matter on a chart paper.
- 2: Make water cycle on chart paper.

S.S.H.W:-

Search and write about fourth and fifth state of matter i.e. plasma and Bose Einstein condensate (BEC).

[Subject – Biology]

Learning:

1. Learn Cell Theory?
2. Learn cell and organelle discoverers?
3. Learn the structure and function of mitochondria?
4. Learn the structure and functions of chloroplast?

Written:

1. Write the summary of cell?
2. Write the structure and function of nectar.
3. Write knowledge based question and answers 1, 2, 3, 4 (Page)
4. Write skill based questions and answers Ch. – 1 (Page No- 45)

Activity:

1. Perform an activity on resin and grapes to understand osmosis.
2. Take an egg of hen and observe the structure inside it to understand cell?

Project :

1. Draw a plant cell on chart.
or
2. Draw an animal's cell on thermocol.
or
3. Draw a diagram of mitochondria on thermocol.

S.S.V.H.W:-

1. Observe colour of leaf and flower to understand. Chloroplast and chromoplast around your home.
or
2. Study and survey on fruit producing plants in your garden.

[Subject – Social Studies]

Learning:

1. Learn questions & answer from the exercise of Ch. – 1 (History)
2. Learn questions & answer from the exercise of Ch.- 1 & 2 (Geography)
3. Learn questions & answers from the exercise of Ch.-1 (Civics)
4. Learn important factors of production (Economics)

Written:

1. Write all the questions & answers in C.W copy of history Ch. - 1
2. Write all the questions & answers in C.W copy of civics Ch.- 1
3. Write all the questions & answers in C.W copy of economics Ch. - 1

Activity:

1. Write some important arguments in favour of democracy.
2. Highlight fundamental rights.

Project :

1. Prepare a chart paper of India's physical geography.
2. Use different colours.
3. Beautify the picture.

S.S.H.W:

1. Collect information about causes of environmental pollution.

[Subject – Information Technology]

Learning:

1. Learn MCQ of Ch.– 1 (Part – A) and Ch. – 1 (Part – B)
2. Learn question/answer of Ch.– 1 (Part – A) and Ch. – 1 (Part – B)

Written:

1. Write advantages and disadvantages of the following methods of communication.
1– Verbal communication 2 – Non-Verbal Communication
2. Name the key that is used in combination with other keys.

Activity:

1. Write a paragraph on the following topics-
1– Global Warming 2 – Corruption

Project:

1. Make diagram of keyboard on the chart paper.

S.S.H.W:

1. Write steps to add a new course and delete a course on rapid typing software.

NOTE: - S. S. H. W. = Self Search Home Work.

NOTICE
22-05-2024

1. The classes will remain ceased for summer vacation from 24th May to 22th 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