



LAXMI PRASAD MEMORIAL PUBLIC SCHOOL

Affiliated to CBSE, New Delhi Senior Secondary 10 + 2 English Medium (Co-Education)

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SUMMER VACATION HOME WORK (S.V.H.W.) 2026-2027

Class – XI (Mathematics)

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

Note: The S.V.H.W. response shall be counted in Periodic Assessment – 1st i.e. PA-1.

NameSec.....Roll No..... Date..... Sign. of Teacher.....

[Subject – English]

English - I

Learning:

1. Learn all the short Question / Answer from the lesson. The Portrait Of a Lady and The Summer of the Beautiful White Horse.

Written:

1. Write all the difficult words from The Summer Of The Beautiful White Horse and the portrait of a lady.

Activity:

Prepare a file of Khushwant Singh, with his full Biography, and learn about the information of his creations.

Project:

1. Prepare the picture of Shirley Toulson on the Chart Paper.
2. Learn on the topic Pretensions – Nationalism, Digital India, The Age of Science, Terrorism.(File)

S. S. H.W:

1. You are secretary, Human Resource development Design a poster advocating a ban on ragging and also ask to report the menace of ragging.
2. Draft a poster to invite people to come forward for Eye Donation.

[Subject – Hindi]

मौखिक कार्य:

1. नमक का दारोगा पाठ के सभी प्रश्नों को याद करे।
2. कबीरदास के पद पाठ के सभी प्रश्नोत्तर याद करे।
3. मियाँ नसीरुद्दीन पाठ के सभी प्रश्नोत्तर याद करे।
4. मीराबाई के पद पाठ के सभी प्रश्नोत्तर याद करे।

लिखित कार्य:

1. नमक का दारोगा पाठ के सभी प्रश्नोत्तर लिखें।
2. कबीरदास पाठ के सभी प्रश्नोत्तर लिखें।
3. मीराबाई के पद पाठ के सभी प्रश्नोत्तर लिखें।
4. मियाँ नसीरुद्दीन पाठ के प्रश्नोत्तर लिखें।

परियोजना कार्य:

1. कबीरदास के जीवन तथा शिक्षा से सम्बन्धित एक परियोजना लिखिए। (फाइल पर)
2. चार्ट पर मीराबाई का चित्र बनाकर उनके जीवन वृत्त को लिखें।

स्वयं शोध गृह कार्य (S.S.H.W.):

समाज में गिरता नैतिकता का स्तर विषय (S.S.H.W.) लेख लिखें।

[Subject – Mathematics]

Learning:

1. Learn definitions of various types of sets.
2. Learn all theorems based on laws of algebra of sets.
3. Learn Trigonometric table.

Written:

1. Solve all the questions of exercise 1.2, 1.3 and 1.4 form NCERT Book.
2. Prove all theorems taught in Ch – 1 (Sets)
3. Solve Miscellaneous exercise on Ch – 2 (from NCERT)

Activity:

1. Make a model on types of relations using thermocol or hard board.

OR

Make a model on algebra of sets using thermocol or hard board.

Project:

1. Make a project of properties of cardinal numbers on chart paper.

OR

Make trigonometric table for angles in radians on chart paper.

S. S. H.W:

1. Collect information about mathematicians George Cantor and Sridharacharya and make a project file with picture.

OR

Make a project file on mathematicians Pierre de fermat and Srinivasa Ramanujan Iyengar.

[Subject – Physics]

Learning:

1. Learn All dimensional formula of taught Chapter – 1.
2. Learn all differential and integration formula of mathematical tools.

Written:

1. Solve all questions of Ch – 1 (Units & measurement) from side book as well as NCERT book.

Activity:

1. Draw a flow chart of model for motion in straight line Ch – 2 in your practice copy (P.C).

Project:

1. Make a chart paper for projectile motion either horizontal or vertical.

OR

Make a file uniform circular motion with appropriate concept.

S. S. H.W:

1. Collect information about motion in plane (Vector ch – 3) and write in in practice copy.

[Subject – Chemistry]

Learning:

Ch - 1

- Learn – Definition of laws of chemical combinations.
- Atom, Molecule, Compound, Classification of matter.
- Importance and scope of chemistry
- Significant figure
- Mole concept, Empirical and Molecular formula
- Stoichiometric coefficient.
- Mole Fraction, molality & molarity

Ch - 2

- Discovery of Cathode rays (Discovery of electron)
- Discovery of Anode rays (Discovery of Proton)
- Discovery of Neutron

Written:

Write definition of following term -

1. Atom. Metal, Element, compound.
2. Mole Fraction, molarity and molality.
3. Mole & one amu.
4. Significant figure & its rule.
5. Measurement unit
6. Law of mass conservation, law of definite proportions
7. Gay Lussac's law of combining gaseous volume.
8. Dalton's Atomic theory.

Solve exercise – questions NCERT Ch - 1

Solve exercise – questions Side book Ch - 1

Activity:

1. Write role of chemistry in cure of diseases, and Betterment of life.

Project:

1. Rutherford's atomic model on Chart Paper.
2. α – Particle scattering experiment Chart Paper.
3. Cathode ray tube – Thermocol.
4. Periodic Table - Thermocol

S. S. H.W:

1. Write the chemical composition of different medicines such as paracetamol etc. what we use in our day to day life and their impact.
2. Write the role of chemistry in today's technology.

[Subject – Information Technology]

Learning:

1. Learn all the solved Questions and Answers from Unit – 1 (Communication Skills) Part – A.
2. Learn all the solved Questions and Answers from Unit – 2 (Self-Management Skills) Part – A.

Written:

1. Answer the Unsolved Questions and Answers from Unit – 1 (Communication Skills) Part – A.
2. Answer the Unsolved Questions and Answers from Unit – 2 (Self-Management Skills) Part – A.

Activity:

1. Write all the DDL commands on chart paper.

Project:

1. Make a project file on the importance of learning self – management skills.

S. S. H.W:

1. Search and write about the recent developments in Information Technology (At least 10 topics).

NOTICE
23-05-2026

1. The classes will remain ceased for summer vacation from 25th May to 27th June 2026.
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 17th of June onwards.
4. Classes will resume from 29th of June 2026.
5. The students who come by school bus will wait for their bus at their respective stoppage in its usual time until the further order of Hon'ble DM.

Guardian's Signature

By Order
Principal