



SACRED HEART SCHOOL

(Affiliated to CBSE, New Delhi, up to +2Level)

HOLIDAY HOMEWORK (WINTER VACATION)

Class: XI

Subject	Home Work
English	Being innovative with values – 1. Create your own diary in which you will write daily about any one positive change which you will bring in yourself like being organized or being punctual etc. (100 -120) words. 2. Script writing How to do: write a script on any SOCIAL ISSUE. It should be divided into iv scenes. Name of the characters should be written on a different page. Where to do: A4 size sheet. Parameters: contents, presentation setting of a plot.
Maths	Prepare a file on Fibonacci sequence:-(History, Equation, Connection with Golden ratio and presence in nature)
BIOLOGY	1. Prepare glycolysis, Kреб's cycle and ETS cycle with the help of flowchart diagram on a chart paper. 2. Complete the practical work from experiment number 6 to 10.
CHEMISTRY	. Prepare a short notes on electronic displacement in covalent bond * Inductive effect * Electromeric effect * Hyperconjugation effect * Resonance effect Note: Revise all chapters for chemistry test
PHYSICS	1.An ice-cream vendor applies a 20 kg wt of force at an angle 60° with the horizontal. If the displacement is 20 m, estimate the work done. 2.A mass 1 kg is thrown up with a K.E. of 50 joules. If 10% of the energy is lost in overcoming air resistance, find the height to which it will rise?
PHE	MAKE PRACTICAL FILE (RECORD FILE)
COMPUTER SCIENCE	Q1. Write the algorithm and flow chart of the following a) To find the simple interest of a principal b) To find the whether given number is whole number Q2. Write the symbol and truth table of all GATE. NOTE:- All questions should be done in A4 size paper and staple it.

**** HAPPY NEW YEAR 2023 ****

