



RADHIKA SENIOR SECONDARY SCHOOL

KARAWAL- MAJHGAWAN (GAGAHA), GORAKHPUR

(AFFILIATED TO C.B.S.E.(10+2) NEW DELHI)

HOMEWORK FOR SUMMER VACATION (2023-24)

Class - X

Subject	Contents
English	Study the following TEXTS very carefully 1. A Letter to God 2. Dust of Snow 3. Fire and Ice 4. Nelson Mandela:- Long Walk to Freedom Now Write about.... 1. The Author 2. Introduction of the Texts 3. Summary of the Text 4. Message/ Theme 5. Literary Devices used in the Text
Hindi	1. मेरा विद्यालय विषय पर एक अनुच्छेद लिखिए 2. अवकाश प्राप्त हेतु एक ईमेल लिखें
Mathematics	1. Write the fundamental theorem of arithmetic, definition of LCM and HCF, Relation between zeros and coefficients of quadratic polynomial, Algebraic conditions for different types of pair of linear equations of two variables on chart paper. 2. Prove that $\sqrt{5}$, $2+\sqrt{3}$ and $3-2\sqrt{5}$ are irrational number 3. Solve $2x+3y=13$ $3x-y=3$ by graphical method. 4. If sum of zeros of quadratic polynomial $2x^2-3kx+6$ is 2, find k.
Science	Chemistry: 1. Select questions of chapter 1 from 10 year question paper series and give the answer on HW notebook 2. Make a project on golden rain experiment. Physics : 1. Draw image formation by plane mirror and spherical mirror 2. Prepare a project on ' Reflection of Light ' 3. Solve the NCERT Exemplar exercise (Chapter- Light) Biology: 1. Draw the diagram of Stomata, Human digestive system. 2. Labelled diagram of Human heart, Human Excretory system, Human Respiratory system. 3. Answer the correct 50 MCQ on life processes chapter from NCERT 4. Learn and write definition of Nutrition and it's types.
Social Science	1. Draw the Soil map of India on chart paper 2. Complete the Notebook: Chapter 1 of Geography and Chapter 1 of Civics. 3. Prepare the above two chapters for Test.
Computer	1. What is HTML? 2. Distinguish between Empty element and the Container element. 3. Write the attributes of < Body> tag with example. 4. Write a HTML program to make a web page about your school.

NOTE: (Make a homework copy and then mention all above homework in it.)