HOME WORK FOR SUMMER VACATION (2023-24)

Class - IX

Subject	Contents
Mathematics	1. Represent mind map of number system on chart paper. 2. Represent $\sqrt{5}$ and $\sqrt{7.4}$ on real line. 3. If $(\sqrt{3}+2)/(\sqrt{2} - \sqrt{3}) = a\sqrt{2} + b\sqrt{3} + c\sqrt{6}$, then find a,b and c. 4. If $p(x) = 2x - 3$ find , i. Zeroes of $p(x)$ ii. Coefficient of x iii. Degree of $p(x)$
Science	Chemistry: 1. Do NCERT questions of chapter 1. 2. Make a project on sugar rainbow experiment. Biology: 1.Draw a well - labelled diagram of prokaryotic cell, animal cell, plant cell & endoplasmic reticullum. 2. Differentiate between prokaryotic and eukaryotic cell. 3. Differentiate between Animal cell and plant cell. 4.Differentiate between RER and SER. Physics: 1. Distance, Displacement velocity uniform and non-uniform motion. (Numerical from NCERT examples and side book). 2. Make a file from 'motion' at any topic.
हिन्दी	1.' दो बैलों की कथा पाठ का सार लिखिए। 2'.इस जल प्रलय में 'पाठ से संबंधित प्रश्नों के उत्तर लिखिए।
Computer	1. Draw types of Computer as well as label it. 2. Write the strength and weaknesses of the Computer. 3. Tell how many types of digital Computers are there define.
English	Study the following chapters and write - (a) About author (b) Summary (c) Message. Chapters - 1. The Fun They Had. 2. The Lost Child 3. The Road Not Taken 4. Wind.
Social Science	1. Draw the map of India on a chart paper and show the states. 2. Geography- Chapter -1 Economics- Chapter- 1 Complete the note book of these two chapters. 3. Prepare these two chapters for Class Test.

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