



# G.D Goenka Public School

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## Weekly Planner

Week 4

Grade : XI

Date :24-04-25

Subject	Weekly Topics	Home Assignment
Mathamatics	<b>Chapter:- Trigonometric Functions</b> <b>Topic:-</b> Definition of trigonometric functions with the help of unit circle Truth of the $\sin^2x + \cos^2x = 1$ , for all x Signs of trigonometric functions Domain and range of trigonometric functions Graphs of Trigonometric Functions Expressing $\sin(x \pm y)$ and $\cos(x \pm y)$ in terms of $\sin x$ , $\sin y$ , $\cos x$ & $\cos y$ and their simple application Identities related to $\sin 2x$ , $\cos 2x$ , $\tan 2x$ , $\sin 3x$ , $\cos 3x$ and $\tan 3x$ General solution of trigonometric equations of the type $\sin y = \sin a$ , $\cos y = \cos a$ and $\tan y = \tan a$	
Physics 1	<b>Unit 1 : units and measurement</b> <b>Topics :</b> - dimensional analysis and its applications.(cont'd.....) .significant figures	
Physics 2	<b>Chapter :- properties of bulk matter</b> <b>Topic :-</b> Mechanical properties of solids, types of stress, compressive, tensile and shear stress. Elasticity and plasticity. Stress-strain relationship	
Chemistry	<b>Chapter:- Structure Of Atom</b> <b>Topic:- Bohr's Model Of Atom,</b> Achievements Of Bohr's Model Of Atom, Dual nature of Matter( Debroglie Hypothesis, Heisenberg Uncertainty Principle. Home assignment:- Numericals on Above Topic	
Biology	<b>Chapter: body fluid and circulation</b> <b>Topic :</b> human heart, circulation, double circulation, cardiac cycle, ECG and circulatory disorder	<b>Assignment:</b> note preparing

<b>Hindi</b>	पाठ्य पुस्तक अंतरा -1 गद्य खंड पाठ - 3 टॉर्च बेचने वाला " लेखिक : हरिशंकर परसाई * कक्षा कार्य: मौखिक वाचन/उच्चारण, पाठ प्रवेश,	
<b>IP</b>	Chapter 8 : introduction to SQL 8.1 introduction 8.2 SQL 8.3 Data types and constraints in SQL	Revise the content taught in class