

Gopi Birla Memorial School 2023 - 24

GRADE X MATHEMATICS

SHIMNA K

ANNUAL PLAN

MONTH	MAIN CONTENT/CHAPTERS	ACTIVITIES
TERM 1		
APRIL	REAL NUMBERS POLYNOMIALS PAIR OF LINEAR EQUATIONS IN TWO VARIABLES	<ul style="list-style-type: none"> • To verify the conditions for consistency for a pair of linear equation in two variables by plotting graph
JUNE	TRIANGLES PROBABILITY INTRODUCTION TO TRIGONOMETRY	<ul style="list-style-type: none"> • To draw the graph of quadratic polynomial and find its zeroes.
JULY	INTRODUCTION TO TRIGONOMETRY (Contd....) AREAS RELATED TO CIRCLES COORDINATE GEOMETRY	<ul style="list-style-type: none"> • To verify basic proportionality theorem
AUGUST	COORDINATE GEOMETRY (Contd..) QUADRATIC EQUATIONS	
SEPTEMBER	REVISION	
SEPTEMBER	PERIODIC ASSESSMENT 2	
OCTOBER	HEIGHTS AND DISTANCE CIRCLES ARITHMETIC PROGRESSIONS	<ul style="list-style-type: none"> ▪ To show that radius is perpendicular to the tangent at the point of contact.
NOVEMBER	ARITHMETIC PROGRESSIONS (Contd...) STATISTICS SURFACE AREAS & VOLUMES	<ul style="list-style-type: none"> ▪ To find an expression for the nth term of an A.P. and sum of 1st n terms.
DECEMBER	REVISION PREBOARDS – 1	<ul style="list-style-type: none"> ▪ To find an expression for the surface area of cone.
JANUARY	PREBOARDS - 2	
FEBRUARY	STUDY LEAVE	