

# Gopi Birla Memorial School 2025 - 26

GRADE X MATHEMATICS

SHIMNA K

## ANNUAL PLAN

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