

SUBJECT: MATHEMATICS			SYLLABUS FOR THE ACADEMIC YEAR 2024-2025			
GRADE: 9						
Month	Date	No. of days	Chapter Name	Sub Topics	Class tests	
April	15-19	5	Number system	Diagnostic test, Rational numbers, Irrational numbers, Representing irrationals on number line	CT-1 (May 13-May 21)	
	22-26	5	Number system	Real numbers and its decimal expansion, Operations on real numbers		
	29-30	2	Number system	Laws of exponents for real numbers		
May	1-3	3	Polynomials	Zeros of a polynomial, Factorisation of polynomials	CT-1 (May 13-May 21)	
	6-10	5	Polynomials	Factorisation, Algebraic Identities		
	13-17	5	Polynomials	Factorisation, Algebraic Identities		
	20-24	5	Introduction to Euclid's Geometry	Definitions, Axioms, Postulates,		
	27-31	5	Quadrilaterals	Properties of a parallelogram		
June	3-7	5	Quadrilaterals	Properties of a parallelogram	Continuous Evaluation	
	10-14	5	Triangles	Congruence of triangles, Criteria for congruence of triangles		
	19-21	3	Triangles	Congruence of triangles, Criteria for congruence of triangles		
	24-28	5	Triangles	Properties of triangles, SSS and RHS criteria		
August	26-30	5	Statistics	Graphical representation of data, Histogram		
September	2-6	5	Statistics	Graphical representation of data, Frequency polygon		
	9-13	5	<b>Revision</b>			
	16-19	4				
	20-30	7	<b>First Semester Examination</b>			
1-9	5					
October	10-11	2	Lines and angles	Basic Terms and Definitions, Pair of angles	CT-2 (Oct 30-Nov 7)	
	14-18	5	Lines and angles	Intersecting Lines and Non-intersecting Lines, Pair of angles		
	21-22	2	Lines and angles	Pairs of angles		
	28-31	4	Lines and angles	Lines Parallel to the Same Line		
November	1	1	Heron's Formula	Area of equilateral triangle, Heron's formula	CT-3 (Jan 6-Jan 14)	
	4-8	5	Heron's Formula	Area of triangles by Heron's formula		
	11-15	3	Surface area and volume	Surface area of a cone, Volume of cone		
	18-22	5	Surface area and volume	Surface area of sphere and hemisphere		
	25-29	4	Surface area and volume	Volume of sphere and hemisphere		
December	4-6	3	Coordinate Geometry	Cartesian System		
	9-13	3	Linear equations in two variables	Linear equations and solutions		
	6-10	5	Linear equations in two variables	Linear equations and solutions		

January	13-17	5	Circles	Angles subtended by a chord, Perpendicular from the center to a chord, Equal chords	
	20-24	5	Circles	The angle subtended by an arc, Cyclic quadrilaterals	
	27-31	5			
February	3-7	5	<i>Revision</i>		
	10-14	5			
	17-21	5	<i>Annual Examination</i>		
	24-28	5			
March	3-7	5			

		Term Exams	
03 (Jan 23-Jan31)	PT-02( Nov 18-Nov 27)	PT-01 ( June 13 - June 26)	
Final Examination( February 17- March 3 )		First Semester Examination (September 20 - October 9)	

	<i>PT-</i>
	<i>Annu</i>