Mathematics Annual & Weekly Syllabus Split-Up - 2025-26
Grade 11 (Math)

S.No	Month	No. of Working		No. of Days	Topic	Sub Topic	Resources	Activity	Mid April	Periodic Test 1	Pre Mid Term	Mid Term	Periodic Test 2	Post Midterm	Annual
1	March		Week 1												
			Week 2	6											
			Week 3	5											
			Week 4	6											
			Week 5	6											
2	APRIL	23	Week 1	5	Bridge Course	Number system	NCERT (Textbook), NCERT (Exempler), Smart	Practice Questions							
			Week 2	5	Bridge Course	Algebra	NCERT (Textbook), NCERT (Exempler), Smart	Practice Questions							
			Week 3	4	Bridge Course	Inroduction to Trigonometry	NCERT (Textbook), NCERT (Exempler), Smart	Practice Questions							
			Week 4	6	Bridge Course	Some Basic concepts of calss 8 to 10	NCERT (Textbook), NCERT (Exempler), Smart	Practice Questions							
			Week 5	3	Bridge Course	Revision and Class Test	NCERT (Textbook), NCERT (Exempler), Smart	Class Test							
3	JUNE	19	Week 1	0											
			Week 2	6	Sets	Sets and their representation, Types of	NCERT (Textbook), NCERT (Exempler), Smart	Math Lab: Activity		√		√			√
			Week 3	6	Sets	Power set, Venn Diagram,	NCERT (Textbook), NCERT (Exempler), Smart	Practice Questions							√
			Week 4	6	Sets	Operation on sets, Complement of sets	NCERT (Textbook), NCERT (Exempler), Smart	Practice Questions							√
			Week 5	1	Relation and function	Cartesian products of sets, Relations	NCERT (Textbook), NCERT (Exempler), Smart	Practice Questions		√		√			√
4	JULY	27	Week 1	5	Relation and function	functions	NCERT (Textbook), NCERT (Exempler), Smart	Math Lab: Activity							√
			Week 2	6	Trigononmetric Function	Angles, Trigonometric functions	NCERT (Textbook), NCERT (Exempler), Smart	Practice Questions			√	√			√
			Week 3	6	Trigononmetric Function	Trigonometric functions of sum and difference of two	NCERT (Textbook), NCERT (Exempler), Smart	Practice Questions							√
			Week 4	6	Trigononmetric Function	Trigonometric equations	NCERT (Textbook), NCERT (Exempler), Smart	Practice Questions							√
			Week 5	4	Complex Number	Complex numbers, Algebra of Complex numbers	NCERT (Textbook), NCERT (Exempler), Smart	Practice Questions					√		√
5	AUGUST	23	Week 1	2	Complex Number	The modulus and the conjugate of a complex	NCERT (Textbook), NCERT (Exempler), Smart	Practice Questions							√
			Week 2	5	Linear Inequalities	Inequalities, Algebraic soutions and their	NCERT (Textbook), NCERT (Exempler), Smart	Practice Questions				√			√
			Week 3	5	Permutation and combination	Fundamental principal of counting, Permutution	NCERT (Textbook), NCERT (Exempler), Smart	Math Lab: Activity				√			√
			Week 4	6	Permutation and combination	Combinations	NCERT (Textbook), NCERT (Exempler), Smart	Practice Questions							√
			Week 5	5	Revision		NCERT (Textbook), NCERT (Exempler), Smart								√

#	Month	No.	Week		Topic	Sub-topic	Resources	Activity								
			Week 1	5	Term 1											
			Week 2	6	Term 1											
6	SEPTE MBER	25	Week 3	6	Binomial Theorem	Binomial theorem for positive integrals	*NCERT (Textbook), NCERT (Exempler), Smart*	Practice Questions				√			√	
			Week 4	6	Binomial Theorem	General and middle terms	*NCERT (Textbook), NCERT (Exempler), Smart*	Practice Questions				√			√	
			Week 5	2	Sequences and Series	Sequences, series	*NCERT (Textbook), NCERT (Exempler), Smart*	Math Lab: Activity					√		√	
7	OCTOB ER	13	Week 1	3	Sequences and Series	A.P., G.P.	*NCERT (Textbook), NCERT (Exempler), Smart*	Practice Questions					√		√	
			Week 2	6	Sequences and Series	Relationship between A.M and G.M	*NCERT (Textbook), NCERT (Exempler), Smart*	Practice Questions					√		√	
			Week 3	4	Straight line	Slope of a line, Various forms of the equation of	*NCERT (Textbook), NCERT (Exempler), Smart*	Math Lab: Activity					√	√	√	
			Week 4	0												
			Week 5	0												
8	NOVEM BER	23	Week 1	0												
			Week 2	5	Straight Line	General Equation of line, distance of a point form a	*NCERT (Textbook), NCERT (Exempler), Smart*	Practice Questions							√	√
			Week 3	6	*Conic Section*	Circle, Parabola	*NCERT (Textbook), NCERT (Exempler), Smart*	Practice Questions							√	√
			Week 4	6	*Conic Section*	Ellipse, Hyperbola	*NCERT (Textbook), NCERT (Exempler), Smart*	Practice Questions							√	√
			Week 5	6	Introduction to 3D Geometry	Octan, Coordinate of a point in space, Distance	*NCERT (Textbook), NCERT (Exempler), Smart*	Math Lab: Activity								√
9	DECEM BER	20	Week 1	6	Limits and Derivatives	Intituitive Idea of derivatives	*NCERT (Textbook), NCERT (Exempler), Smart*	Practice Questions								√
			Week 2	6	Limits and Derivatives	Limits	*NCERT (Textbook), NCERT (Exempler), Smart*	Practice Questions								√
			Week 3	6	Limits and Derivatives	Derivatives	*NCERT (Textbook), NCERT (Exempler), Smart*	Practice Questions								√
			Week 4	2	Limits and Derivatives	Derivatives	*NCERT (Textbook), NCERT (Exempler), Smart*	Practice Questions								√
			Week 5	0												
10	JANUA RY	22	Week 1	0												
			Week 2	6	Probability	Event	*NCERT (Textbook), NCERT (Exempler), Smart*	Math Lab: Activity								√
			Week 3	5	Probability	Axiomatic approach to probability	*NCERT (Textbook), NCERT (Exempler), Smart*	Practice Questions								√
			Week 4	6	Statistics	Measures of Dispersion	*NCERT (Textbook), NCERT (Exempler), Smart*	Practice Questions								√
			Week 5	5	Revision		*NCERT (Textbook), NCERT (Exempler), Smart*									
	FEBRU		Week 1	6	Revision		*NCERT (Textbook), NCERT (Exempler), Smart*									
			Week 2	6	Revision		*NCERT (Textbook), NCERT (Exempler), Smart*									

11	FEBRU ARY	23	Week 3	5										
			Week 4	6										
			Week 5	0										
12	MARCH	22	Week 1	5										
			Week 2	6										
			Week 3	5										
			Week 4	5										
			Week 5	1										