

Annual & Weekly Syllabus Split-Up - 2026-27
Grade 9

Subject: MATHEMATICS

S.No	Month	No. of Working	No. of Days	Topic	Sub Topic	Teaching aids/Resources	Classroom teaching Video Link	Activity	Art Integration project	Pedagogy Process/Teachi	Chapterwise Notes link	Assessment		
1	APRIL	25	Week 1	4	Number System	Real numbers including rational and irrational numbers, representation on the number line, laws of exponents, decimal expansion of rational numbers.	MATHS PARK ,NCERT BOOK	https://www.youtube.com/watch?v=-oDICzmWqXw	REPRESENTATI ON OF IRRATIONAL NUMBERS ON	REPRESENTATION OF IRRATIONAL NUMBERS ON NUMBER LINE	ACTIVITY METHOD	https://drive.google.com/drive/folders/1V MeyEi2NQF8qx5M1ay6e3ubw_shaYRIP?usp=drive_link	Activity Test	
			Week 2											6
			Week 3	5										
			Week 4	6	Heron's Formula	Area of a triangle using Heron's formula, application in finding areas of quadrilaterals.	MATHS LAB,NCERT BOOK	https://www.youtube.com/watch?v=PY0MSebNoks				lecture cum demo	https://drive.google.com/drive/folders/1V MeyEi2NQF8qx5M1ay6e3ubw_shaYRIP?usp=drive_link	Project
			Week 5	4										
2	JUNE		Week 2	6	Heron's Formula									
			Week 3	6	Polynomials	Definition of polynomials, degree and coefficients, algebraic expressions, identities, zeros of polynomials.	PPT,NCERT BOOK	https://www.youtube.com/watch?v=luDE2gmYUWs	Questionnaire preparation		lecture cum demo	https://drive.google.com/drive/folders/1V MeyEi2NQF8qx5M1ay6e3ubw_shaYRIP?usp=drive_link		
			Week 4	6										
			Week 5	2	Polynomials									
3	JULY	27	Week 1	4	Lines and Angles	Types of angles, intersecting lines, transversal, angle sum property, vertically opposite angles, linear pair.	PPT,NCERT BOOK	https://www.youtube.com/watch?v=2cFGmekdSOs	MCQ preparation	linear pair angles	Activity Method	https://drive.google.com/drive/folders/1V MeyEi2NQF8qx5M1ay6e3ubw_shaYRIP?usp=drive_link	Activity Test	
			Week 2											6
			Week 3	6										
			Week 4	6	Co ordinate Geometry	Cartesian plane, coordinate axes, plotting of points, representation of points in different quadrants.	MATHS PARK, NCERT BOOK	https://www.youtube.com/watch?v=sOou0FbPXCA	ROLE PLAY		Activity Method	https://drive.google.com/drive/folders/1V MeyEi2NQF8qx5M1ay6e3ubw_shaYRIP?usp=drive_link		
			Week 5	5										
4	AUGUST	24	Week 1	1	Linear Equation in two variables.	Form of linear equations, solutions as ordered pairs, graphical representation of equations.	PPT,NCERT BOOK	https://www.youtube.com/watch?v=eyLuvK8p-iE		lecture cum demo	https://drive.google.com/drive/folders/1V MeyEi2NQF8qx5M1ay6e3ubw_shaYRIP?usp=drive_link	Question framing		
			Week 2	6										
			Week 3	5	REVISION									
			Week 4	6	TERM1									
			Week 5	5+1	TERM1									
5	SEPTEMBER	23	Week 1	5	Triangles	Practical applications of triangles, proofs of triangle congruence conditions, theorems related to triangles,	MATHS LAB,NCERT BOOK	https://www.youtube.com/watch?v=jkHFdcvRcX0				https://drive.google.com/drive/folders/1V MeyEi2NQF8qx5M1ay6e3ubw_shaYRIP?usp=drive_link	Activity Test	
			Week 2											6
			Week 3	5	Triangles									
			Week 4	5	Circles	Basic terms related to circles, arcs, chords, angles subtended by chords, properties of circles.	MATHS LAB,NCERT BOOK	https://www.youtube.com/watch?v=DAmasTFLwXk					https://drive.google.com/drive/folders/1V MeyEi2NQF8qx5M1ay6e3ubw_shaYRIP?usp=drive_link	
			Week 5	3										
6	OCTOBER	25	Week 1	2	Circles									
			Week 2	6										
			Week 3	6										
			Week 4		DIWALI VACATIONS									
			Week 5		DIWALI VACATIONS									
			Week 1	5	Surface Areas and Volumes	Surface area and volume of cube, cuboid, cylinder, cone and sphere.	PPT,NCERT BOOK	https://www.youtube.com/watch?v=e84NSRzL9SI				https://drive.google.com/drive/folders/1V MeyEi2NQF8qx5M1ay6e3ubw_shaYRIP?usp=drive_link	Project	
			Week 2											7

7	NOVEMBER	12	Week 3	7	Statistics	Collection and organisation of data, graphical representation, mean, median and mode.	PPT,NCERT BOOK	https://www.youtube.com/watch?v=APS3sJY0Gb0			https://drive.google.com/drive/folders/1VMeyEi2NQF8qx5M1ay6c3ubw_shaYRIP?usp=drive_link	Survey
			Week 4	6								
			Week 5	5+1	Quadrilaterals	Parallelogram and related theorems	MATHS LAB,NCERT BOOK	https://www.youtube.com/watch?v=v25vx7PUXvc				Activity Test
8	DECEMBER	21	Week 1	5		Parallelogram and related theorems					https://drive.google.com/drive/folders/1VMeyEi2NQF8qx5M1ay6c3ubw_shaYRIP?usp=drive_link	
			Week 2	6		Mid point theorem						
			Week 3	6		Mid point theorem						
			Week 4	4		Mid point theorem						
			Week 5	0								
9	JANUARY	22	Week 1	0								
			Week 2	6	Introdruction to Euclids Geometry	Euclid's definitions, axioms, postulates, basic geometrical ideas.	PPT,NCERT BOOK	https://www.youtube.com/watch?v=3T0bpuYEDj8			https://drive.google.com/drive/folders/1VMeyEi2NQF8qx5M1ay6c3ubw_shaYRIP?usp=drive_link	
			Week 3	5	REVISION							
			Week 4	6	REVISION							
			Week 5	5	REVISION							
10	FEBRUARY	23	Week 1	6	REVISION							
			Week 2	6								
			Week 3	5								
			Week 4	6								
			Week 5	NA	ANNUAL EXAMINATION							