



N. C. JINDAL PUBLIC SCHOOL, PUNJABI BAGH, NEW DELHI
ANNUAL CURRICULUM (2026-2027)

Class : IX		Subject : Mathematics			Subject Teacher : Vidyotma Dhand		Designation : TGT Maths
Academic Book	Chapter Name	Chapter Topic / Sub Topic	Term I/II	Start Date	End Date	No. of Periods	
NCERT	Coordinate Geometry	Brief history of coordinate geometry; 2-D Cartesian coordinate system; distance between two points; midpoint of a line segment	I	01-04-2026	10-04-2026	11	
NCERT	Number System	Introduction to rational numbers; representation of rational numbers on the number line; density of rational numbers and its proof; finding rational numbers between any two rational numbers	I	13-04-2026	18-04-2026	7	
NCERT	Number System	Decimal representation of rational numbers; introduction to irrational numbers; proof of irrationality of $\sqrt{2}$ and $\sqrt{3}$; square root spiral	I	20-04-2026	24-04-2026	7	
NCERT	Introduction to Probability	Concept of probability and randomness; the probability scale; empirical probability through data and experiments	I	27-04-2026	02-05-2026	7	
NCERT	Introduction to Probability	Theoretical probability; sample space and events; representing probability through tree diagrams and tables	I	04-05-2026	08-05-2026	7	
NCERT	Introduction to Probability	representing probability through tree diagrams and tables	I	11-05-2026	18-05-2026	9	
NCERT	Lines and Angles	Rays and angles; measures of angles; intersecting lines and angles; pairs of angles	I	01-07-2026	04-07-2026	6	
NCERT	Lines and Angles	Theorems and examples on intersecting lines; theorems and examples on parallel lines	I	06-07-2026	10-07-2026	7	
NCERT	Statistics	Graphical representation of data; collecting, organising, visualising and interpreting data	I	13-07-2026	18-07-2026	9	
NCERT	Statistics	Measures of central tendency: mean, median and mode; weighted average in different settings	I	20-07-2026	24-07-2026	7	
NCERT	Statistics	Reading and interpreting graphs; application of statistics in investigative questions	I	27-07-2026	01-08-2026	9	
NCERT	Triangles – Congruence Theorems	Practical applications of triangles; proofs of conditions of congruence of triangles; theorems on triangles	I	03-08-2026	07-08-2026	7	
NCERT	Triangles – Congruence Theorems	Propositions and their converse; problems based on applications of theorems on triangles	I	10-08-2026	14-08-2026	7	

NCERT	Area and Perimeter	Perimeter of shapes; perimeter of a circle; introduction to π and its irrationality; length of an arc	I	17-08-2026	21-08-2026	7
NCERT	Area and Perimeter	Area of shapes: rectangles, parallelograms and triangles; Heron's formula; squaring a rectangle	I	24-08-2026	8/31/2026	6
NCERT	Area and Perimeter	Area of a circle; area of sector; Brahmagupta's formula for cyclic quadrilateral; applications	I	9/1/2026	05-09-2026	6
NCERT	Revision for Half Yearly Examination	Revision and consolidation of Term I topics	I	07-09-2026	9/11/2026	7
NCERT	Half Yearly Examination	Half yearly assessment	I	14-09-2026	28-09-2026	0
NCERT	Introduction to Polynomials	Algebraic expressions; definition of a polynomial; degree of a polynomial; introduction to linear polynomials and applications	II	29-09-2026	03-10-2026	6
NCERT	Introduction to Polynomials	Exploring linear patterns; modelling linear growth and linear decay; linear relationships	II	05-10-2026	09-10-2026	7
NCERT	Introduction to Polynomials	Visualising linear relationships; slope and y-intercept of a line $y = ax + b$	II	12-10-2026	17-10-2026	4
NCERT	Exploring Algebraic Identities	Revisiting algebraic identities; visualising identities using geometrical models; factorisation using identities	II	21-10-2026	31-10-2026	9
NCERT	Exploring Algebraic Identities	More identities and applications; factorisation of quadratic expressions; finding new identities; simplifying rational expressions	II	02-11-2026	11/6/2026	7
NCERT	Circles	Practical applications and uses of circles; definitions related to a circle; chords and angles they subtend; perpendicular bisectors of chords	II	12-11-2026	21-11-2026	10
NCERT	Circles	Distance of chords from centre; subtended angles by an arc; cyclicity of points; cyclic quadrilaterals	II	23-11-2026	27-11-2026	5
NCERT	Linear Equations in Two Variables	Introduction through practical examples; graphical representation; slope-intercept form; drawing graphs for given values	II	11/30/2026	12/4/2026	7
NCERT	Linear Equations in Two Variables	Pair of linear equations; graphical method; nature of solutions; substitution and elimination method	II	12/7/2026	12/11/2026	7
NCERT	4-gons (Quadrilaterals)	Properties of parallelograms; important theorems related to parallelograms and their proof				
NCERT		Midpoint theorem and its applications; notion of central symmetry in parallelograms	II	14-12-2026	19-12-2026	8

NCERT	Sequences and Progressions	Introduction to sequences; explicit or general rule; recursive rule of a sequence	II	21-12-2026	24-12-2026	6
NCERT	Sequences and Progressions	Arithmetic progressions (AP); nth term; visualising an AP; sum of first n natural numbers	II	28-12-2026	31-12-2026	4
NCERT	Sequences and Progressions	Geometric progressions (GP); nth term; applications in fractals; Tower of Hanoi puzzle	II	16-01-2027	22-01-2027	8
NCERT	Surface Area and Volume	Surface areas and volumes of cubes, cuboids, cylinders, cones, spheres and other related figures	II	25-01-2027	29-01-2027	6
NCERT	Introduction to Euclid's Geometry: Axioms and Postulates	History of geometry; constructing a square with a given side; Euclid's definitions; axioms; axioms of measurement and rules for geometric objects	II	01-02-2027	06-02-2027	8
NCERT	Revision for Annual Examination	Revision and consolidation of Term II topics	II	08-02-2027	2/12/2027	7
NCERT	Annual Examination	Annual examination	II	15-02-2027	27-02-2027	0

Prepared By	Subject Coordinator
Vidyotma Dhand	MR K.k Jha

**N. C. JINDAL PUBLIC SCHOOL, PUNJABI BAGH, NEW DELHI****PERIODIC TEST / HALF YEARLY / ANNUAL EXAM CURRICULUM WITH MARKING SCHEME (2026-2027)**

Class : IX		Subject : Mathematics	
Sl. No.	PT / Half Yearly / Annual	Chapter / Topic	Max. Marks
1	PERIODIC TEST - 1	Coordinate Geometry	20
2	PERIODIC TEST - 2	Lines and Angles	12
	PERIODIC TEST - 2	Introduction to Probability	8
3	PERIODIC TEST - 3	Introduction to Polynomials	20
4	HALF YEARLY EXAMINATION	Coordinate Geometry	10
		Number System	15
		Introduction to Probability	10
		Lines and Angles	15
		Statistics	10
		Triangles – Congruence Theorems	10
		Area and Perimeter	10
	HALF YEARLY EXAMINATION	TOTAL	80
5	ANNUAL EXAMINATION	Number System	07
		Algebra • Introduction to Polynomials • Sequences and Progressions • Exploring Algebraic Identities • Linear Equations in Two Variables	20
		Coordinate Geometry	04

		Geometry <ul style="list-style-type: none"> • Introduction to Euclid's Geometry: Axioms and Postulates • Lines and Angles • Triangles – Congruence Theorems • 4-gons (Quadrilaterals) • Circles 	25
		Mensuration <ul style="list-style-type: none"> • Area and Perimeter • Surface Area and Volume 	14
		Statistics and Probability <ul style="list-style-type: none"> • Statistics • Introduction to Probability 	10
	ANNUAL EXAMINATION	TOTAL	80

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