

KOTHARI INTERNATIONAL SCHOOL
GRADE: 9 ANNUAL PLANNER (2026-27)
SUBJECT: MATHEMATICS SUBJECT CODE: 041

S.No	TERM	MONTH	TOPIC	SUBJECT ENRICHMENT
1.	Periodic Assessment 1 25% of the Syllabus (PA1- 27 April to 22 May 2026)	APRIL Working Days -20	1. The World of Numbers 2. Introduction to Linear Polynomials	1. Real Numbers (Constructing the Square root spiral) 2. To obtain a linear equation of a real life situation and draw a graph which represents the linear equation. 3. Represent relationships using equations and graphs.
		MAY Working Days -15	3.Exploring Algebraic Identities 4. Orienting Yourself: The Use of Coordinates 5.The Mathematics of Maybe: Introduction to Probability	1. Visualising Algebraic identities using geometric models. 2. To find the values of abscissae and ordinates of various points given in a Cartesian plane. 3. To verify the distance formula
2.	Periodic Assessment 2 40% of the total syllabus (Period- 6 July to 10 August 2026)	JULY Working Days -22	6. I'm Up and Down, and Round and Round 7. Measuring Space: Perimeter and Area 8. Prediction What comes Next: Exploring Sequences	1. Equal chords subtend equal angles at the centre 2. Angles in the same segment are equal 3. To verify Sum of opposite angles of a cyclic quadrilateral is 180° 4. To verify that a given sequence is an Arithmetic Progression by paper cutting and pasting method.

		AUGUST Working Days -19	9. Introduction to Euclid's Geometry: Axioms and Postulates 10. Lines and Angles Revision	1. To prove geometrically Corresponding angles and alternate interior angles are equal.
3.	Mid Term 70% of the Syllabus (Period- 7 Sep to 22 September 2026)	SEPTEMBER Working Days- 21	11. Triangles: Congruence Theorems	1. To verify experimentally the different criteria for congruency of triangles using triangle cut-outs.
		OCTOBER Working Days- 18	12. Linear Equations in Two Variables 13. 4-gons (Quadrilaterals)	1. To verify Mid-Point Theorem 2. To verify that figure formed by joining the mid points of quadrilateral is a parallelogram
4.	Periodic Assessment 3 Remaining 30% Syllabus (Period- 2 Nov to 30 Nov 2026)	NOVEMBER Working Days- 16	14. Mensuration : Surface Area and Volume	1. To find CSA of cone by paper cutting method
		December Working Days- 20	15. Statistics	1. PowerPoint Presentation: Make a Google form, collect real life data and represent it using graph
		JANUARY Working Days -18	Revision	Revision
5.	ANNUAL EXAMINATION 100% (5 February -17 Feb 2027)	FEBRUARY Working Days -19	Revision	Revision