

**KOTHARI INTERNATIONAL SCHOOL**  
**GRADE: 10 ANNUAL PLANNER (2026-27)**  
**SUBJECT: MATHEMATICS**                      **SUBJECT CODE : 041**

S.No	TERM	MONTH	TOPIC	SUBJECT ENRICHMENT
1.	<b>Periodic Assessment 1</b> 30% of the Syllabus (PA1- 13 April to 4 May 2026)	March Working Days - 15	1. Real Number 2. Polynomials 3. Surface Area and Volume	1. To give a suggestive demonstration of the formula for the lateral surface area and Total surface area of a cone.  2. To obtain the condition of consistency of a system of linear equations in two variables by graphical method
		APRIL Working Days -19	1. Pair of linear equations in two variables 2. Quadratic Equation 3. Revision for PA1	1. To give a suggestive demonstration of the formula for the lateral surface area and Total surface area of a cone.
		MAY Working Days -15	1. Arithmetic Progression 2 Triangles 3. Probability	1. To verify that a given sequence is an Arithmetic Progression by paper cutting and pasting method. 2. To verify that sum of first n natural numbers is $n(n+1)/2$ 3.To Verify the Basic Proportionality Theorem 4. Double card experiment for probability
2.	<b>Periodic Assessment 2</b> 50% of the total syllabus (Period- 6 July to 10 August 2026)  <b>Mid Term</b>	JULY Working Days -22	1. Coordinate Geometry 2. Introduction to Trigonometry 3. Some application of Trigonometry	1. To verify the distance formula To verify the section formula 2. To find the height of a building using a clinometer.

	80% of the Syllabus (Period- 7 Sep to 22 September 2026)			
		AUGUST Working Days -19	1. Some application of Trigonometry(Continued) 2. Circles 3. Revision	1. To verify that the length of tangents drawn from an external point are equal using the method of paper cutting, pasting and folding. 2. To verify experimentally that the tangent at any point to a circle is perpendicular to the radius through that point.
		SEPTEMBER Working Days- 21	Mid Term	
		OCTOBER Working Days- 18	1. Area Related to Circles 2. Statistics	1. PPT- Statistics
3	<b>Pre Board 1</b> 100% Syllabus (Period- 5 Nov to 25 Nov 2026)	NOVEMBER Working Days- 16	Preboard 1 Revision	
4	<b>Pre Board 2</b> 100% Syllabus (Period- 4 Dec to 16 December 2026 )	December Working Days- 20	<u>Preboard 2</u>	-
		JANUARY Working Days -18	-	