

KOTHARI INTERNATIONAL SCHOOL

GRADE: 10

SUBJECT: MATHEMATICS SUBJECT CODE(041/241)

ANNUAL PLANNER (2023-24)

S.No	TERM	MONTH	TOPIC	SUBJECT ENRICHMENT
1.	PERIODIC ASSESSMENT 1(cycle) 30% of the Term 1 syllabus (Period- 17th April to 15th May)	March Working Days – 16	1. Real Number 2. Probability 3. Coordinate Geometry	1. To get familiar with the idea of probability of an event through a double colour card experiment 2. To verify distance formula
		APRIL Working Days -15	4. Pair of linear equations in two variables 5. Triangles	3. To obtain the condition of consistency of a system of linear equations in two variables by graphical method 4. To Verify the Basic Proportionality Theorem 5. To establish the criteria for similarity of two triangles.
		MAY Working Days -19	6. Introduction to trigonometry 7. Some application of Trigonometry	6. To find the height of a building using a clinometer.
2.	PERIODIC ASSESSMENT 2 50% of the total syllabus Of Term 1 syllabus (Period- 24th July to 11th August)	JULY Working Days -22	8. Polynomials 9. Quadratic Equations 10. Arithmetic Progression	7. To verify that a given sequence is an Arithmetic Progression by paper cutting and pasting method. 8. To verify that sum of first n natural numbers is $n(n+1)/2$
		AUGUST Working Days -22	Revision	

		SEPTEMBER Working Days- 20	Revision 11. Circles	9. To verify that the angles in the of tangents drawn from an external point are equal using the method of paper cutting, pasting and folding 10. To verify experimentally that the tangent at any point to a circle is perpendicular to the radius through that point
3	Mid Term 80% Term 1 syllabus (Period- 8th Sep to 20th Sep)	OCTOBER Working Days- 19	12. Area related to circles 13. Surface area and volume	11. To give a suggestive demonstration of the formula for the lateral surface area and Total surface area of a cone
		NOVEMBER Working Days- 16	14. Statistics Revision	12. PPT
		December Working Days- 21	Revision	
5.	<u>PERIODIC ASSESSMENT 3 (Cycle)</u> Rest 20% (Period- 6th Nov to 30th Nov)	JANUARY Working Days -16	Revision	
6.	<u>Pre Board 1</u> (Period- 14th Dec to 28th Dec)			
7.	<u>Pre Board 2</u> (Period- 12th Jan to 24th Jan)			

