

**KOTHARI INTERNATIONAL SCHOOL**  
**GRADE: 9**  
**SUBJECT: MATHEMATICS    SUBJECT CODE: 041**  
**ANNUAL PLANNER (2021-22)**

S.No	TERM	MONTH	TOPIC	SUBJECT ENRICHMENT
1.	<b><u>PRE MID TERM</u></b>  <b><u>PERIOD - (5<sup>th</sup> April -19<sup>th</sup> May )</u></b>  <b>(30% of the Annual syllabus to be completed  25% of annual syllabus will come in Assessment-1)</b>	<b>APRIL</b> <b>Working Days -18</b>	<u>1. Number System( 5th to 16th April)</u> <u>2. Polynomials (19th to 27th April)</u> <u>3. Coordinate Geometry (28th April to 3rd May)</u>	Following Maths Lab Activity will be Performed  1. Real Numbers (Constructing the 'square root spiral')
		<b>MAY</b> <b>Working Days -18</b>	<u>4. Linear Equations in two variables (4<sup>th</sup> to 10<sup>th</sup> May)</u> <u>5. Lines. and Angles (11<sup>th</sup> to 13<sup>th</sup> May)</u> <u>6. Probability (17<sup>th</sup> to 19<sup>th</sup> May)</u>	
2.	<b><u>MID TERM</u></b>  <b><u>PERIOD - (15<sup>th</sup>July- 10<sup>th</sup> Sept)</u></b>  <b>(70 % of annual syllabus to be completed  60% of syllabus will be coming for the Mid Term)</b>	<b>JULY</b> <b>Working Days -21</b>	<u>7. Triangles (15<sup>th</sup> to 30<sup>th</sup> July)</u>	2. To verify Mid-Point Theorem 3. Exterior angle is equal to the sum of two interior opposite angles
		<b>AUGUST</b> <b>Working Days -20</b>	<u>8. Heron's Formula (2<sup>nd</sup> to 6<sup>th</sup> August)</u>	4. To verify Pythagoras theorem by paper cutting method

	<p><b>REVISION - (13<sup>th</sup>Sept- 17<sup>th</sup> Sept)</b></p> <p><b>ASSESSMENT 2 - (20<sup>th</sup>Sept- 30<sup>th</sup> Sep)</b></p> <p><b>Assessment</b>  <b>Time: 3 hrs</b>  <b>Marks: 80</b></p>		<p><u>9. Quadrilaterals (9<sup>th</sup> to 20<sup>th</sup> August)</u></p> <p><u>10. Area of Parallelograms and Triangles (23<sup>rd</sup> Aug to 2<sup>nd</sup> September)</u></p>	<p>5. To verify that figure formed by joining the mid points of quadrilateral is a parallelogram</p> <p>6. To verify area of parallelogram on same base and between the same parallels are equal.</p>
		<p><b>SEPTEMBER</b>  <b>Working Days- 22</b></p>	<p><u>11. Construction (6<sup>th</sup> Sept- 10<sup>th</sup> Sept)</u></p>	
<p><b>3</b></p>	<p><b>POST MID TERM</b></p> <p><b>PERIOD – (1<sup>st</sup>Oct–30<sup>th</sup> Nov)</b></p> <p><b>(100 % of annual syllabus to be completed</b>  <b>90% of syllabus will be coming for the Mid Term)</b></p> <p><b>REVISION – (1<sup>st</sup> Dec – 8<sup>th</sup> Dec)</b></p> <p><b>ASSESSMENT 3 – (10<sup>th</sup> Dec–21<sup>st</sup> Dec )</b></p>	<p><b>OCTOBER</b>  <b>Working Days -16</b></p>	<p><u>12. Surface areas and Volumes (1<sup>st</sup> to 12<sup>th</sup> October)</u></p> <p><u>13. Circles (20<sup>th</sup> to 29<sup>th</sup> October)</u></p>	<p>7. Equal chords subtend equal angles at the centre</p> <p>8. Angles in the same segment are equal</p> <p>9. To verify Sum of opposite angles of a cyclic quadrilateral is 180<sup>o</sup></p> <p>10. To find CSA of cylinder by paper cutting method</p>
		<p><b>NOVEMBER</b>  <b>Working Days – 18</b></p>	<p><u>14. Statistics (9<sup>th</sup>to 18<sup>th</sup> November)</u></p> <p>Revision</p>	
		<p><b>DECEMBER</b>  <b>Working Days -22</b></p>	<p>Revision</p>	
<p><b>5.</b></p>	<p><b>Term End Assessment</b>  <b>(100 % of annual syllabus )</b>  <b>REVISION – (22<sup>nd</sup> Dec–31<sup>st</sup> Jan )</b>  <b>ASSESSMENT 4 - (1<sup>st</sup> Feb – 14<sup>th</sup> Feb)</b></p>	<p><b>JANUARY</b>  <b>Working Days -15</b></p>		

