TERM PLAN

Mathematics

Grade 10 — 1st term

Serial number	Lesson	Competency level	Content	Number of periods	Expected teaching dates	Activated teaching dates
01	Perimeter	7.1	• Perimeter • Sectors • Compound figures containing sectors	04		
02	Square Root	1.1	• Square root • Approximation (First approximation only) • Division Method	04		
03	Fractions	3.1	• Solving problems involving fractions	04		
04	Binomial Expressions	14.1	• Expansion of binomial expressions • Of the form (a x + by) (cx + dy); a, b, c, d ∈ • Expansion of (a x + by)2; a, b ∈	04		
05	Congruency	23.3	• Identifying the conditions under which two triangles are congruent and applications • S.A.S. • S.S.S • A.A.S • Hyp. S	05		
06	Area	8.1	• Area • Sectors • Compound plane figures involving sectors	04		
07	Factors of Quadratic	15.1	• Finding factors	04		

	Expression		• Difference of two squares • Of the form $2\ ax + bx + c;\ a \neq 0$			
08	Triangles	23.1, 23.2, 23.4, 23.5	• Proof of the theorem "The sum of the three interior angles of a triangle is 180o" and related problems • Isosceles Triangles • Application and proof of the theorems • Application of the converse of the theorems	10		
09	Inverse Proportion	4.1	• Introducing inverse proportions • Problems related to inverse proportions • Work and time • Representing inverse proportions algebraically • Solving problems using x	05		
10	Data Representation	28.2	• Data representation • Pie charts	03		