GRADE 10 MATHEMATICS RECORDS OF WORK 2027

Terms 1, 2 and 3 | Ministry of Education calendar 2027 (Senior School) | 4 lessons a week

Teacher's name _____ School _____

Class / stream _____ TSC number _____

TERM 1

Wk	Dates	Strand / sub-strand	Work covered	Reflection / remarks	Sign
1	4 Jan - 8 Jan (4 lessons)	**1.0 Numbers and Algebra** - 1.1 Real Numbers	1. Odd, even, prime and composite numbers 2. Testing for primes and prime factorisation 3. Rational numbers: fractions and terminating and recurring decimals 4. Irrational numbers and the real number system		
2	11 Jan - 15 Jan (4 lessons)	**1.0 Numbers and Algebra** - 1.1 Real Numbers	1. The reciprocal of a number by division 2. Reciprocals using mathematical tables and calculators 3. Applying reciprocals in computation 4. Real numbers in everyday life: consolidation		
3	18 Jan - 22 Jan (4 lessons)	**1.0 Numbers and Algebra** - 1.2 Indices and Logarithms	1. Index notation 2. Laws of indices I: multiplication and division 3. Laws of indices II: powers of powers, zero and negative indices 4. Applying the laws of indices and solving simple index equations		
4	25 Jan - 29 Jan (4 lessons)	**1.0 Numbers and Algebra** - 1.2 Indices and Logarithms	1. Logarithms to base 10 2. Common logarithms from tables and calculators 3. Using logarithms for multiplication and division 4. Using logarithms for powers and roots		
5	1 Feb - 5 Feb (4 lessons)	**1.0 Numbers and Algebra** - 1.3 Quadratic Expressions and Equations 1	1. Forming quadratic expressions from situations 2. Expanding products of two brackets 3. The quadratic identities from the concept of area 4. Applying the identities in numerical cases		
6	8 Feb - 12 Feb (4 lessons)	**1.0 Numbers and Algebra** - 1.3 Quadratic Expressions and Equations 1	1. Factorising quadratic expressions I: common factors and $x^2 + bx + c$ 2. Factorising quadratic expressions II: negative signs, perfect squares and the difference of two squares 3. Factorising quadratic expressions III: when the coefficient of x^2 is not 1 4. Forming quadratic equations from roots and statements		
7	15 Feb - 19 Feb (3 lessons)	**1.0 Numbers and Algebra** - 1.3 Quadratic Expressions and Equations 1	1. Solving quadratic equations by factorisation I: the null factor law 2. Solving quadratic equations by factorisation II: rearranging and harder cases 3. Applying quadratic equations: areas and shapes		
8	22 Feb - 26 Feb	**HALF TERM**			