		Integers
		Integers
	RATIONAL NUMBERS	Basic arithmetic operations involving integers
		Positive and negative fractions
		Positive and negative decimals
NUMBERS AND OPERATIONS		Rational numbers
		Factors, prime factors and Highest Common
	FACTORS AND MULTIPLES	Factor (HCF) Multiples, common multiples and Lowest
		Common Multiple (LCM)
	SQUARES, SQUARE ROOTS, CUBES AND CUBE ROOTS	Squares and square roots
		Squares and square roots
		Cubes and cube roots
		Ratios, rates and proportions
	RATIOS, RATES AND	Relationship between ratios, rates and
	PROPORTIONS	proportions with percentages, fractions and
		decimals
		Variables and algebraic expressions
RELATIONSHIP AND	ALGEBRAIC EXPRESSIONS	Algebraic expressions involving basic arithmetic
ALGEBRA		operations
	LINEAR EQUATIONS	Linear equations in one variable
		Linear equations in two variables
		Simultaneous linear equations in two variables
	LINEAR INEQUALITIES	Inequalities
	21112/11111120071211120	Linear inequalities in one variable
		Lines and angles
	LINES AND ANGLES	Angles related to intersecting lines
		Angles related to parallel lines and transversals
	BASIC POLYGONS	Polygons
		Properties of triangles and the interior and
MEASUREMENT AND		exterior angles of triangles
GEOMETRY		Properties of quadrilaterals and the interior and
		exterior angles of quadrilaterals
	PERIMETER AND AREA	Perimeter
		Area of triangles, parallelograms, kites and
		trapeziums Relationship between perimeter and area
	THE PYTHAGORAS	The Pythagoras Theorem
	THEOREM	
	THEOREM	The converse of Pythagoras Theorem

DISCRETE		Set
MATHEMATICS	INTRODUCTION TO SET	Venn diagrams, universal sets, complement of a
		set and subsets
STATISTICS AND	DATA HANDLING	Data collection, organization and representation process, and interpretation of data
PROBABILITY		representation

		Patterns
NUMBER AND OPERATIONS	PATTERNS AND SEQUENCES	Sequences
		Patterns and Sequences
		Expansion
	FACTORISATION AND ALGEBRAIC FRACTIONS	Factorisation
		Algebraic Expressions and Laws of Basic
		Arithmetic Operations
	ALGEBRAIC FORMULAE	Algebraic Formulae
		Distance in the Cartesian Coordinate System
RELATIONSHIP AND	COORDINATES	Midpoint in the Cartesian Coordinate System
ALGEBRA		The Cartesian Coordinate System
	GRAPHS OF FUNCTIONS	Functions
		Graphs of Functions
	CDEED AND ACCELEDATION	Speed
	SPEED AND ACCELERATION	Acceleration
	GRADIENT OF A STRAIGHT LINE	Gradient
	POLYGONS	Regular Polygons
		Interior Angles and Exterior Angles of Polygons
	CIRCLES	Properties of Circles
		Symmetrical Properties of Chords
		Circumference and Area of a Circle
	THREE-DIMENSIONAL GEOMETRICAL SHAPES	Geometric Properties of Three-Dimensional Shapes
		Nets of Three Dimensional Shapes
MEASUREMENT AND GEOMETRY		Surface Area of Three Dimensional Shapes
GLOWLIN		Volume of Three Dimensional Shapes
	ISOMETRIC TRANSFORMATIONS	Transformations
		Translation
		Reflection
		Rotation
		Translation, Reflection and Rotation as an
		Isometry
		Rotational Symmetry

STATISTICS AND PROBABILITY	MEASURES OF CENTRAL TENDENCIES	Measures of Central Tendencies
	SIMPLE PROBABILITY	Experimental Probability
		Probability Theory involving Equally Likely
		Outcomes
		Probability of the Complement of an Event
		Simple Probability

NUMBER AND OPERATIONS	INDICES	Index Notation
		Law of Indices
	STANDARD FORM	Significant Figures
		Standard Form
	CONSUMER MATHEMATICS: SAVINGS AND INVESTMENTS, CREDIT AND DEBT	Savings and Investments
		Credit and Debt Management
	SCALE DRAWINGS	Scale Drawings
	TRIGONOMETRIC RATIOS	Sine, Cosine and Tangent of Acute Angles in Right-angled Triangles
	ANGLES AND TANGENTS OF CIRCLES	Angle at the Circumference and Central Angle Subtended by an Arc
MEASUREMENT AND		Cyclic Quadrilaterals
GEOMETRY		Tangents to Circles
		Angles and Tangents of Circles
	PLANS AND ELEVATIONS	Orthogonal Projections
		Plans and Elevations
	LOCI IN TWO DIMENSIONS	Loci
		Loci in Two Dimensions
RELATIONSHIP AND ALGEBRA	STRAIGHT LINES	Straight Lines

	QUADRATIC FUNCTIONS AND EQUATIONS IN ONE VARIABLE	Quadratic Functions and Equations
DEL ATIONICIUS AND	LINEAR INEQUALITIES IN TWO VARIABLES	Linear Inequalities in Two Variables
RELATIONSHIP AND ALGEBRA		Systems of Linear Inequalities in Two Variables
	GRAPHS OF MOTION	Distance-Time Graphs
		Speed-Time Graphs
NUMBER AND	NUMBER BASES	Number Bases
OPERATIONS	CONSUMER MATHEMATICS: FINANCIAL MANAGEMENT	Financial Planning and Management
	LOGICAL REASONING	Statement
	LOGICAL REASONING	Argument
DISCRETE	OPERATIONS ON SETS NETWORK IN GRAPH THEORY	Intersection of Sets
MATHEMATICS		Union of Sets
		Combined Operations on Sets
		Network
	MEASURES OF DISPERSION FOR	Dispersion
	UNGROUPED DATA	Measures of Dispersion
		Combined Events
STATISTICS AND PROBABILITY	PROBABILITY OF COMBINED EVENTS	Dependent Events and Independent Events
		Mutually Exclusive Events and Non- Mutually Exclusive Events
		Application of Probability of Combined Events

		Direct Variation
RELATIONSHIP AND ALGEBRA	VARIATION	Inverse Variation
		Combined variation
	MATRICES	Matrices
		Basic Operation on Matrices
	MATHEMATICAL MODELING	Mathematical Modeling
NUMBERS AND	CONSUMER MATHEMATICS: INSURANCE	Risk and insurance coverage
OPERATION	CONSUMER MATHEMATICS : TAXATION	Taxation
	CONGRUENCY, ENLARGEMENT AND COMBINED TRANSFORMATIONS	Congruency
		Enlargement
	TRANSFORMATIONS	Combined Transformation
MEASUREMENT AND		Combined Transformation Tessellation
MEASUREMENT AND GEOMETRY		
	TRANSFORMATIONS	Tessellation The value of sine, cosine and tangent for
	TRANSFORMATIONS RATIOS AND GRAPHS OF	Tessellation The value of sine, cosine and tangent for angle θ , $0^{\circ} \le \theta \le 360^{\circ}$ The graphs of sine, cosine and tangent