P.5 mathematics Term 3

3		Measurements	Length, Mass and capacity	Units used to measure length Estimating length Measuring length of objects Conversion of units e.g. cm to mm and vice versa. M to cm and vice versa Km to m and vice versa	Converting mm to cm Cm to m Km to m And vice versa	Constructing sentences using mm, cm, m, km	Guided discovery Discussion Explanation	Logical thinking Effective communication Problem solving	Ruler Books Stick Metric tables	Converting cm to m M to k and vice versa	Mk new edition pg 151 – 156 Functional MTC bk5 pg 161 P.5 curri pg 94-95
4	1 to 2		Perimeter	Perimeter of figures	Calculates perimeter	Reads and interprets	Do	Do	Do	Calculating perimeter	

			Area	Triangles, rectangles, squares, pentagon, hexagon Combined figures Area of figures triangles, rectangles, squares, combined figures Difference in area	and area of figures	perimeter and area				and area of figure	
5	1 to 10		Volume Total surface area Capacity Weight (mass)	Volume cuboid and cubes Application of volume Total surface area of a cuboid Unity for capacity Litres to ML/cm^3 and vice versa Describing mass or weight Basic units of mass	Solving problem involving volume and total surface area	Reads and interprets word problem involving volume, total surface area, capacity and mass	Demonstration Discovery Explanation	Do	Boxes Container Cups Jerry cans etc	Working out problems involving volume TSA capacity and mass	New mk bk5 pg 161 – 163 Understanding MTC bk5 pg 161

				Kg to gm and vice versa							
1	1 to 10	Integers	Positive and negative integers Inverse of integers Operation on integers Ordering integers Comparing integers Simple word problems	Defining integers Identifying positive and negative integers Representing integers on a numberline Ordering integers Comparing integers Finding inverse of integers Addition of integers using a number line Subtraction of integers using a number line Forming mathematical sentences Addition of integers without a number line Subtraction of integers	Draws number lines Identifies positive and negative integers Arranges integers Compares integers using >,< or = Adds integers Subtracts integers Solves simple word problems	Pronounces integers Spells the word integers Positive and negative Uses the words Greater than Less than Equal to Reads word problems involving integers	Demonstration Discussion Explanation Discovery	Problem solving Critical thinking	Charts showing into	Adding and subtracting integers Using number lines to describe negative and positive Writing integers in ascending and descending order Comparing integers using symbols	Mk new edition bk5 pg 95 – 114 Mk new edition bk 6 pg 103 – 111 Functional MTCbkpg 109 – 121

				without a number line							
2	1 to 12	Algebra	Collecting like terms Substitution Forming algebraic expressions Solving equation Forming and solving equations	Forming algebraic expression Collecting like terms Substitution Solving equations by Subtracting Adding Word problems involving subtraction and addition Solving by dividing Solving by multiplying Word problems involving division and multiplication	Forms algebraic expressions Collect like terms Solves simple equations\ Forms algebraic equations Collects like terms Solves simple equations	Pronounces substitution Equations Spells Like terms Uses substitution and equation in sentences	Do	Do	Chalk board illustrations	Forming algebraic expressions Collecting like terms Solving simple word problems	Mk bk5 pg 271 – 283
3	1 to 10	Algebra	Removing brackets Mixed equations Equations involving squares	Solving equations involving squares Solving equations involving squares and square roots	Solves simple word problems Applying algebraic in volume, area, and perimeter	Pronounces Brackets Equations Squares Spells Brackets Equations Squares	Do	Do	Do	Solving simple and problems Oral and written exercises	Mk bk 5 pg 280 – 287

				Application of algebraic Perimeter Area Volume							