

## SCHEME OF WORK FOR P.4 MATHEATICS TERM III

WK	PD	THEME	SUB THEME	CONTENT	SUBJECT COMPETECIES	LANGUAGE COMPETENCIES	METHODS	LIFE SKILL	T/L AIDS	T/L ACTS	REF
		<b>A L G E B R A</b>	Equations with and without letters	<ul style="list-style-type: none"> <li>Revision (using letters for numbers)</li> <li>Adding letters e.g. <math>P+P = 2P</math> <math>2k + 4k = 6k</math></li> <li>Finding perimeter using letters for numbers.</li> <li>Subtracting letters.</li> <li>Collecting like terms involving addition only .</li> <li>Substitution.</li> </ul> <p>Equation of:</p> <ul style="list-style-type: none"> <li>Addition</li> <li>Subtraction</li> <li>Division e.g. <math>2x = 8, x \div 2 = 4</math></li> <li>Forming equations of addition and subtraction.</li> </ul>	<ul style="list-style-type: none"> <li>Adds letters.</li> <li>Uses letters for numbers.</li> <li>Finds perimeter using letters for numbers.</li> <li>Collects like terms.</li> <li>Does substitution.</li> <li>Solves given equations.</li> <li>Forms equations and solve them.</li> </ul>	<ul style="list-style-type: none"> <li>Reads and creates simple equations without letters.</li> </ul>	<ul style="list-style-type: none"> <li>Guided discovery.</li> <li>Participatory approach.</li> <li>Discussion.</li> <li>Brain storming.</li> </ul>	<ul style="list-style-type: none"> <li>Effective communication.</li> <li>Critical thinking.</li> <li>Problem solving.</li> </ul>	<ul style="list-style-type: none"> <li>Books.</li> <li>Pens</li> <li>Text books.</li> </ul>	<ul style="list-style-type: none"> <li>-Adding</li> <li>-Subtract</li> <li>-Forming equations</li> </ul>	MK primary pupils bk 4 pg. 245-260

		M E A S U R E S	Money	<ul style="list-style-type: none"><li>▪ Recognition of money.</li><li>▪ Coins</li><li>▪ Bank notes</li><li>▪ Change shs. to cents and vice versa.</li><li>▪ Subtracting of money.</li><li>▪ Multiplication of money.</li><li>▪ Direct proportions.</li><li>▪ Buying and selling shopping bills.</li><li>▪ Division of money.</li><li>▪ Profit and loss.</li><li>▪ Postage rates.</li></ul>	<ul style="list-style-type: none"><li>• Identifies coins and notes.</li><li>• Buying and selling.</li><li>• Calculates simple profits and loss.</li><li>• Costs and pricing.</li></ul>	<ul style="list-style-type: none"><li>• Describes different coins and notes.</li><li>• Roles playing using money in English.</li><li>• Uses examples to describe meaning of profit and loss.</li></ul>	<ul style="list-style-type: none"><li>• Discussion.</li><li>• Explanation.</li><li>• Observation.</li><li>• Demonstration</li><li>• Dramatization.</li><li>• Role playing.</li></ul>	<ul style="list-style-type: none"><li>▪ Effective communication.</li><li>▪ Critical thinking.</li><li>▪ Creativity.</li></ul>	<ul style="list-style-type: none"><li>▪ Coins.</li><li>▪ Bank notes.</li><li>▪ Classroom shape</li><li>▪ Real objects.</li><li>▪ Backs pens.</li><li>▪ Tins</li><li>▪ Envelopes</li><li>▪ Straws</li><li>▪ Bottles etc</li></ul>	Role playing using money. Role playing the and buyer seller. Describing coins notes. Giving examples of profit and loss. Working out problems involving profits and loss.	
			Time	<ul style="list-style-type: none"><li>• Revision on time.</li><li>• Telling time.</li><li>• Changing hours to minutes.</li><li>• Addition of time.</li><li>• Word problems.</li><li>• Subtraction of time.</li><li>• Word problem</li><li>• Time in a.m. and p.m.</li></ul>	<ul style="list-style-type: none"><li>▪ Uses different types of clocks to tell time.</li><li>▪ Converts measures of time.</li><li>▪</li></ul>	<ul style="list-style-type: none"><li>▪ Tells time in the local language and English.</li><li>▪ Gives months of the year in English.</li></ul>	<ul style="list-style-type: none"><li>▪ Explanation.</li><li>▪ Discussion</li><li>▪ Question and answer.</li><li>▪ observation.</li><li>▪ Demonstration.</li><li>▪ Role playing.</li></ul>	<ul style="list-style-type: none"><li>▪ Effective communication.</li><li>▪ Critical thinking.</li><li>▪ Creative thinking.</li><li>▪ Logical thinking.</li><li>▪ Effective communication.</li></ul>	<ul style="list-style-type: none"><li>▪ Wall clocks.</li><li>▪ Calendars.</li><li>▪ Timetable.</li></ul>	<ul style="list-style-type: none"><li>▪ Using real or model clock, the learner tells time.</li><li>▪ Making a calendar showing what month of the year.</li><li>▪ Working</li></ul>	New edition MTC MK pupils Bk 4 Pg. 161 185
				<ul style="list-style-type: none"><li>• Changing days to hours.</li><li>• Changing hours to days.</li><li>• Changing weeks</li></ul>	months to days.	timetable in his / her exercise book.	▪	<ul style="list-style-type: none"><li>▪ Critical thinking.</li></ul>	▪	out problems involving time.	<ul style="list-style-type: none"><li>▪ Reading.</li></ul>

				to days. • Changing days to weeks. • Addition of weeks and days • Subtraction of time in weeks and days.							
		MEASUREMENTS	Capacity	• Half and quarter litres. • Addition of litres as half litres. • Addition of litres and milliliters.	• Adds litres as half litres and milliliters.	• Expresses capacity of different items	▪ Discussion. ▪ Explanation. ▪ Question and answer.	▪ Critical thinking. ▪ Effective communication. ▪ Logical reasoning.	▪ ½ litre containers. ▪ 1 litre container.	▪ Packing ▪ Adding.	New MK MTC MK Bk. 4 pg. 222 – 227.
			Weight and volume (mass)	• Half and quarter Kg. • Changing Kg and gm and vice versa. • Add and subtract kg and gm. • Dozens, crates, trays. • Volume of cubes and cuboids.	• Changes Kgms go gms and vice versa. • Adds and subtracts kgms and gms.	• Expresses weight and volume of different items.	▪ Discussion. ▪ Explanation ▪ Question and answer.				New MK MTC pupils Bk 4 Pg. 228 - 235