

# PRIMARY ONE MTC SCHEME OF WORK FOR TERM III 2023

WK	DAY	PERIOD	THEME	SUB THEME	CONTENT	COMPETENCES	METHODS	LEARNING ACTIVITIES	LIFE SKILLS AND VALUES	LEARNING AIDS	REFERENCES	RM KS	
1	MON.	1	TRANSPO RT	Means of transport	<u>Vertical addition of tens &amp; ones</u> $\begin{array}{r} T \quad 0 \\ 3 \quad 4 \\ +2 \quad 3 \\ \hline T \quad 0 \end{array}$ $\begin{array}{r} T \quad 0 \\ 4 \quad 0 \\ +3 \quad 0 \\ \hline \end{array}$	Recognizes tens & ones. Add tens & ones.	Guided discovery. Explanations.	Adding tens & ones. Writing numbers correctly.	Problem solving. Effective communication s.	Straws. Bottle tops. Sticks.	MK MTC BK1 Pg 56.		
	Tue	2			<u>More vertical addition of numbers(tens &amp; ones)</u> $\begin{array}{r} T \quad 0 \\ 2 \quad 5 \\ + \quad 2 \\ \hline T \quad 0 \end{array}$ $\begin{array}{r} T \quad 0 \\ 4 \quad 0 \\ +2 \quad 5 \\ \hline \end{array}$	Recognizes tens & ones. Add tens & ones.	Demonstrations. Guided discovery.	Adding tens & ones. Counting numbers correctly.	Problem solving. Logical reasoning.	Straws and bottle tops	NPSCU Book 1 Pg 61. New MK MATH Book Pg 56.		
	WED	3			<u>Word problems in addition involving tens and ones.</u> For example Tom has 12	Reads sentences correctly.	Guided discovery	Reading. Interpreting sentences. Solving	Critical thinking. Problem solving Self awareness.	A drawn Chart. Creative	NPSCU Book 1 pg 61	Math	

				books, Michael has 13 books. How many books do they have together? T O 1 2books + 1 3books — 2 5book  Sarah had 30 eggs, she bought 14 eggs more. How many eggs did she have altogether?	Recognizes numbers in sentences. Interprets sentences correctly.	Explanation s. Guided discovery. Question and answer	word problems.		Thinking Self awareness.	book pg 30.
Thur.	4			Multiplication by 3 using repeated addition. $2 \times 3 = 6$ $3 + 3 = 6$ $4 \times 3 = 12$ $3 + 3 + 3 + 3 + 3 = 12$	Counts in threes. Multiplies numbers by 3. Forms groups of threes.	Guided discovery	Forming groups of threes.	Counters Sticks.	Problem solving. Logical reasoning.	National primary school curriculum Bk1 pg43. Math Bk pg 57.
Fri.	5			<u>Vertical multiplication by 3</u> $\begin{array}{r} 3 \\ \times 3 \\ \hline \end{array}$  $\begin{array}{r} 1 & 2 \\ \times & 3 \\ \hline \end{array}$  $\begin{array}{r} 3 \\ \times 6 \\ \hline \end{array}$	Multiplies numbers by 3 Arranges numbers according to their place values.	Demonstrations.	Multiplying numbers horizontally	Self awareness Problem solving.	Bean seeds	NPSC PG 43 MK Math Bk Pg 57-61.
2	Mon.	1		Multiplying by 4	Multiplies	Demonstrat	Multiplying	Problem	Beans	NPSC

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				$1 \times 4 = 4$ $2 \times 4 = 8$ $3 \times 4 =$ $4 \times 4 =$ $5 \times 4 =$ $6 \times 4 =$	numbers by 4 horizontally. Forms groups of 4.	ion explanations.	numbers vertically. Forming groups.	solving. logical reasoning.	Straws.	Bk Pg 46 MK Bk1 Pg 46.	
Tue.	2			<u>Word problems in multiplication.</u> A boy has 2 ears. How many ears do 4 boys have? $4 \times 2 = 8$ ears 4 boys have 8 ears.	Reads sentences correctly.  Interprets questions.  Multiplies correctly.	Demonstrations.  Guided discovery.	Multiplying correctly.  Forming groups.	Problem solving.  logical reasoning	Drawn chart.	NPSCU Book 1 pg 61	
Wed.	3			<u>Multiplication involving missing numbers.</u> $\text{---} \times 2 = 4$ $3 \times \text{---} = 9$ $5 \times \text{---} = 5$ $4 \times \text{---} = 8$	Forms groups correctly. Fills in the missing numbers.	Demonstration explanations	Counting numbers correctly.	Critical thinking Creative reasoning.	Counters straws	NPSC Bk Pg 46 Standard learning Mtc bk pg 62.	
Thur.	4			<u>Multiplication involving missing numbers.</u> $(2) \times 4 = 8$ $\boxed{\quad} \times 2 = 10$	Forms groups correctly. Fills in the missing numbers.	Guided discovery Questions & answers.	Multiplying correctly Filling in the missing numbers.	logical reasoning Problem solving.	straws	NPSC Bk Pg 46 Standard learning Mtc bk pg 62.	
Fri.	5	Things we make.	Division /sharing	Divide/ share $2 \div 2 = 1$ $6 \div 2 = 3$ $4 \div 2 =$ $8 \div 2 =$	Counts and divides numbers correctly.	Explanation guided discovery.	Sharing. Counting correctly.	Problem solving.  Critical thinking	Counters Books oranges	MK, Bk Pg 61	

3	Mon.	1		<b>Divide/share</b> $12 \div 4 = 3$ 0000 1111 1111 1111 $9 \div 3 =$	Shares correctly. Counts numbers correctly.	Demonstrations. Explanations. Guided discovery	Dividing numbers correctly.	logical reasoning Problem solving.	Straws Sticks.	MK, Bk Pg 64	
	Tue.	2		<b>Word problem on sharing.</b> Share 4 oranges between 2 boys. $4 \div 2 = 2$ 0 0 1 1 1 1 Each boy will get 2 oranges.	Shares/ divides numbers correctly.  Counts numbers correctly.	Explanation , Question and answer.	dividing numbers correctly	Problem solving.  Critical thinking Logical reasoning	Counters Books pencils	MK Math , Bk1 Pg 64	
	Wed.	3		<b>Number names.</b> Counting and writing number names from 30-50. 30-thirty. 35-thirty five. 50-fifty 74- seventy four.	Counts and writes number names from 30-50.  Writes number symbols 30-50.	Guided discussion. Question and answer	Counting numbers correctly 30-50.  Writing symbol 30-50 and their number names	Critical thinking Logical reasoning	A drawn chart showing.	Creative thinking  Logical reasoning.	
	Thur.	4		<b>Matching</b> number, symbols to number words. 21- forty 12 thirty eight 40 twenty one 38 twelve	Counts numbers correctly.  Match numbers to number symbols correctly.	Critical thinking	Counting Matching Reading.	Logical reasoning	A number chart.	NPSC Bk1 Pg 43  Teacher's guide Bk1 Pg 333.	
	Fri.	5		<b>Number</b> <u>Filling the missing</u>	Counts numbers	Guided discovery.	Counting numbers	Critical thinking Logical	A number	NPSCU Book 1	



				8-6=2 Takeaway 24 from 28. What is the difference between 9 and 3?	Interprets sentences.		Interpreting sentences		on.	PMU Bk1 Pg 58.		
			More about word prob- lem	<u>Word problems.</u> Kato had 10 eggs, 6 eggs got broken. How many eggs did kato remain with? $10-6=4$ Kato remained with 4 eggs. Ten minus nine equals?	Interprets sentences. Subtracts numbers.	Demonstrat- ion Guided discussion.	Reading sentences Solving problems.	Reading sentences	Chalk board illustrati- on	NPSCU Book 1 pg 49. PMU Bk1 Pg 58.		
5	Mon.	1	Our envir- onme- nt	MONE Y	<u>What is money?</u> Types of money. Coins, Paper money. Examples of coins: 50 shs coin 100 shs coin 200 shs coin 500 shs coin 1000 shs coin	Recognizes money. Identifies denomina- tions of money..	Explanation Guided discovery.	Telling features on each denomina- tion.	Critical thinking Creative thinking.	Coins.	PMU Bk1 Pg 86. Teacher s guide Bk1 Pg 336.	
	Tue.	2		<u>Paper money.</u> /Notes 1000 shs note 2000 shs note 5000 shs note 10000 shs note 20000 shs note 50000 shs note	Recognizes paper money. Identifies paper money	Explanation Guided discovery	Telling differences on notes.	Appreciation. Self awareness	Real money	PMU Bk1 Pg 86.		6

	Wed.	3			<u>Using greater than or less than.</u> Sh 200 is..... ... than sh 50. Sh 100 is..... than sh 1000.	Recognizes money using greater than or less than.	Question and answer.	Writing words correctly.	Critical thinking Appreciation.	Chalk board illustration	PMU Bk1 Pg 86.	
	Thur.	4			<u>Addition of money.</u> Sh 30+sh 20= sh 50 <u>                </u> Sh 40 +sh 30 <u>                </u> <u>                </u> Shs400 +shs500 <u>                </u>	Identifies numbers correctly. Adds money	Demonstration.	Adding correctly.	Logical reasoning. Creative thinkng.	Chalk board illustration	PMU Bk1 Pg 86.	
	Fri.	5			<u>More addition of money.</u> Shs 50 + shs 50 <u>                </u> Shs 500 + shs 40 <u>                </u>	Writes numbers in their correct places. Adds numbers correctly.	Explanations, questions and answer.	Adding, counting and writing money.	Problem solving logical reasoning	Real money	PMU Bk1 Pg 87.	
6	Mon.	1			<u>Subtraction of money.</u> shs 40shs-shs 20= Shs 50 -shs 20 <u>                </u> Shs 70 -shs 40 <u>                </u>	Subtracts money correctly. Writes numbers and units correctly.	Explanation Guided discovery	Counting writing.	Problem solving logical reasoning	Chalk board illustration	PMU Bk, Pg 87.	

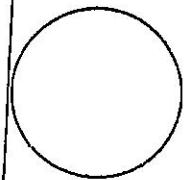
	Tue.	2	.	.	<u>More subtraction of money.</u> Sh 200 -sh 100	Writes numbers correctly in their place values. Subtracts numbers correctly.	Questions-and answer.	Counting writing. Reading.	Critical thinking Self awareness.	Chalk board illustration. Real money.	PMU Bk1 Pg 88.	
	Wed.	3		Our shop	<u>Our shop.</u> Mango 200/- A bar of soap 2000/- Sweet 300/- Soda 1000/- Cabbage 500 How much is soap?	Recognizes prices for different items and writing money correctly.	Explanations, questions and answer	Counting, writing numbers correctly.	Problem solving Decision making	Our shop (real object).	NPSCU Book 1 pg 87.	
	Thur.	4		Shopping list	<u>Shopping list.</u> Soda 90= A book 20= Pencil 100= How much is a book and pencil?	Reads sentences correctly. Interprets questions correctly.	Discussion question and answer.	Reading, writing and answering oral questions.	Creative thinking Decision making.	Real objects.	NPSCU Book 1 pg 87.	
	Fri.	5			<u>Shopping.</u> Biscuit .50= A ball 10= Cup 100= How much is a ball?	Reads and interprets questions.	Guided discovery	Reading questions.	Problem solving Appreciation.	A chart showing items and their prices.	New Mk-- MathB K1 Pg 97.	
7	Mon.	1		<u>Measuring capacity</u>	Capacity What is capacity? Capacity is the amount of liquid	Identifies capacity. Tells containers and liquids.	Guided discovery Explanation s.	Measuring capacity of different containers	Problem solving logical reasoning	Jerrycan Tins Bottles Glasses Jugs	Mk mtc pupils bk 1. Pg 101	

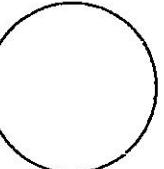
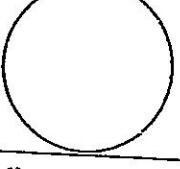
				a container holds. Examples of liquids. Things we use to keep liquids. Capacity is measured in litres							
Tue.	2			Comparing Capacity. Which container holds more water? Which container holds less water?	Compares capacity of different containers.	Question and answer explanation	Filling containers with water. Compares capacity.	Self confidence. Assertiveness.	Bottles. Jerrycans .cups.	New MK Math Bk, Pg 101. PMU Bk pg 68.	
Wed.	3			Addition of litres 3 litres +5litres= 8 litres 3 2 litres 4 1 litres =	Adds capacity in litres.	Explanation Guided discovery.	Adding capacity.	Logical reasoning Effective communication.	Straws Bottles tops.	NPSCU Book 1 pg 43 PMU Bk pg 98.	
Thur.	4		Measuring weight.	Weight Weight is lightness or heaviness of an object. Things we use to measure weight. Weight is measured in kilogram/grams	Tells instruments used to measure weight	Guided discovery. Group discussion	Reading. Writing.	Problem solving Creative thinking.	Spring balance. Beam balance Stones sand	Trs. Guide Bk, Pg 96. New mk mtc book 1 pg 103.	
Fri.	5			Comparing	Uses	Guided	Comparing	Effective	Sand	New	



				has Joy? Who has the least number of eggs?							
	Thur s.	4		Algebr a	<u>Addition involving words.</u> $4 \text{ cakes} + 2 \text{ cakes} = 6 \text{ cakes}$ $3 \text{ cups} + 1 \text{ cup} = 4 \text{ cups}$ $10 \text{ pens} + 3 \text{ pens} = 13 \text{ pens}$	<u>Adds numbers correctly.</u>	Demonstrat ion guided discovery.	Grouping objects, Adding.	Confidence, problem solving.	Real objects, books Sticks.	PMU Bk, Pg 103.
	Fri.	5	PEACE AND SECURITY	Missing numbers	<u>Addition involving missing numbers.</u> $\square + 3 = 4$ $\square = 4 - 3$ $\square = 1$	Finds the missing number using the method of subtraction.	Explanation , demonstrati on.	Counting, finding the missing number.	Critical thinking Problem solving	Illustrati on chalk board. Drawn chart	MK Math Bk, Pg 114.
9.	Mon.	1			<u>Finding the missing numbers.</u> $2 + \square = 5$ $\square = 5 - 2$ $\square = 3$ .	Finds the missing numbers, Fills the missing numbers.	Guided discovery, explanation s.	Counting numbers, Filling the missing numbers.	Problem solving, Critical thinking.	Illustrati on chalk board	New maths Bk, Pg 114.
	Tue.	2		Word problems	<u>Addition on algebra involving words.</u> .....plus six give eight. Five add four equals..... plus seven equals ten.	Interprets the given sentences. Solves the given problem to get answers.	Demonstrat ions, Explanation s.	Adding correctly, Counting correctly, Filling the missing numbers.	Fluency, problem solving.	Chalk board illustrati on. Drawn chart	New Mk Bk, pg 115.

	Wed.	3	<u>Subtraction involving words.</u> 5 sweets take away 2 sweets =.....sweets.	Reads the sentences, Interprets the given sentences correctly.	Explanation S, demonstrations.	Solving the given word, Problem solving.	Self confidence, problem solving.	Chalk board illustrations.	NPSCU Bk, Pg 44. PMU Bk, Pg 58.
	Thur.	4	<u>More about missing Numbers.</u> $\Delta - 1 = 2$ $\Delta = 2 + 1$ $\Delta = 3$	Identifies the missing Number. Fills in the Missing Numbers.	Demonstration Guided discovery	Counting Filling in missing numbers.	Problem solving Critical thinking	Counters Bottle tops	A New MK Maths bk 1 Pg 115-116
	Fri	5	Fill in the missing Numbers. $7 - \Delta = 2$ $7 - 2 =$ $\Delta = 5$	Identifies the Missing numbers.	Demonstration Guided discovery	Counting Filling the Missing numbers	Problem solving Critical thinking	Counters Bottle tops	NPSCU Bk1 Pg49
10	Mon	1	<u>Word problems on Subtraction</u> Five minus $\Delta$ gives three. $5 - \Delta = 3$ $5 - 3 =$ $\Delta = 2$ two	Reads the given sentences Correctly.	Explanation Demonstration	Subtracting Filling the missing number	Problem solving Critical thinking	Counters Bottle tops	NPSCU Bk1 pg 49
	Tue	2		Interprets the number Puzzle. Finds the Missing number	Demonstration Guided discovery Think pair share	Finding the Missing numbers.	Problem solving Effective communication care	Chalkboard illustration	Primary Maths Bk 1 Pg 78

	-Wed	3		Number Puzzles in addition	Filling in the missing Numbers 	Interpreting The puzzle. Adds the Numbers in the puzzle.	Demonstration Guided discovery Explanation	Counting Finding the missing numbers Correctly.	Problem solving Critical thinking care	Chalkboard illustration	PMU MK Maths Bk1 Pg124	
	Thur	4		Number Puzzles in Subtraction	<u>Filling in the missing Numbers.</u> 	Interprets the number Puzzle. Subtracts the number Puzzles.	Guided discovery Explanation Think pair share	Filling the number puzzles in subtraction	Problem solving Effective communication care	Chalkboard illustration	A new Mk Maths Bk1 pg78	
	Fri	5		Number puzzles in subtraction	Filling the missing Missing numbers 	Interprets the number Puzzle in subtraction. Subtracts the numbers	Guided discovery Explanation Think pair share	Filling the missing numbers	Problem solving Effective communication care	Chalkboard illustration	A New Mk bk1 Pg78	
11-12				<b>REVISION FROM COVERED THEMES</b>								

-Wed	3	Number Puzzles in addition	Filling in the missing Numbers 	Interpreting The puzzle. Adds the Numbers in the puzzle.	Demonstration Guided discovery Explanation	Counting Finding the missing numbers Correctly.	Problem solving Critical thinking care	Chalkboard and illustration on
Thur	4	Number Puzzles in Subtraction	Filling in the missing Numbers  	Interprets the number Puzzle. Subtracts the number Puzzles.	Guided discovery Explanation Think pair share	Filling the number puzzles in subtraction	Problem solving Effective communication care	Chalkboard and illustration on
Fri	5	Number puzzles in subtraction	Filling the missing Missing numbers 	Interprets the number Puzzle in subtraction. Subtracts the numbers	Guided discovery Explanation Think pair share	Filling the missing numbers	Problem solving Effective communication care	Chalkboard and illustration on
11-12								

## REVISION FROM COVERED THEMES