## 0754895241/0783298434

## **Primary One Mathematics Scheme of Work**

Wk	Pd	Theme	S. Theme	Content	Competence	Methods	Activity	L/skill	T/l aids	Ref	Rmks
1	1 & 2	WEATHER	MULTIPLICATION	Multiplication of one digit number table 2  Example $2 \times 1 = 2$ $2 \times 4 = 8$ $0  0  0$	Multiples Counts Draws groups	Demonstration Explanation Guided discovery	Multiplying Counting drawing	Creative thinking Critical thinking	Real objects e.g straws, stones	MK p/s mtc 2000pg58, 59	
	3		(0)	Multiplication of two digit numbers.  Vertically.  Examples $ \begin{array}{cccccccccccccccccccccccccccccccccc$	Multiples correctly Counts  Draws groups correctly	<ul><li>Demonstration</li><li>Explanation</li><li>Guided discovery</li></ul>	<ul><li>Multiplying</li><li>Counting</li><li>Drawing</li></ul>	- Create thinking - Critical thinking	- Counts Eg, straws, sticks, stones	MK p/s mtc 2000pg58, 59	
	4			Table 3 Multiplication of one digit numbers. Examples Examples 2 x 1 = 3 3 x 2 = 6  0 0 0 3 x 3 =	Multiplies correctly  Draws groups  Counts correctly	Explanation Demonstration Guided discovery	Multiplying Drawing groups counting	Creative thinking Critical thinking	Counters Eg, straws, sticks, stone	MK thematic maths bk pg 71 MK p/s maths pg 60, 61	

Wk	Pd	Theme	S.	Content	Competence	Methods	Activity	L/skill	T/l aids	Ref	Rmks
			Theme								ı l



1	5	WEATHER	ULTIPLICATION  ver Exa  x	$\begin{array}{cccccccccccccccccccccccccccccccccccc$		0	Demonstration Explanation Guided discovery	Counting Drawing groups		Creative thinking Critical thinking	Counting e.g, straws, sticks, stones	MK p/s mtc 2pg 64 & 65	
WK	PD	ТНЕМЕ	SUB- THEME	CONTENT	COMPETENC E	METHOD	S A	CTIVITY		LIFE SKILL & V	T/L AIDS	REF.	RE M
1	1 2	LIVING TOGETHER	'n	Fractions A Fraction is a part of a whole Examples of wholes  One Whole  Parts of a whole Naming fractions Examples  Two halves  1/2  1/2  A half/ One half  V4  V4  V4  V4  V4  V4  V4  V4  V4  V	Defines a fraction  Folds and identifies the parts of fractions  Cuts the fractions  Identifies & Names the fractions  Reads Spells Counts Writes	Discussion Guided Discovery Demonst ation	Foldin Cutting	g g ng ing ng	Log	ative thinking ical thinking ical thinking	Real objects e.g. Oranges papers	M.K Primary Maths Page 82 Thematic Maths Practice Page 63, New P/s MTC bk2 pg 89	



3	1 [	77	Reading and shading fractions	Reads	Illustrating	Reading	Logical thinking	Fruits	ששש
	LIVING TOGETHER	Fractions		Shades	Demonstrat	Drawing	Critical thinking		√ew age
	NG ETH	tion:	Examples:-	Draws	ing	Shading	Creating thinking		M.K 80, 52
	ER	S			Guided				(Pri: 81 & & 63
			= 1/2		discovery				mar & 82 \$, Ne
			- 72						y ,The
									emat /s M
									New M.K Primary Page 80, 81 & 82,Thematic Maths Page 52 & 63, New P/s MTC bk2 pg 94
									aths
			= 1/4						рg 9.
									4
			= 1/3	Reading					
				Drawing					
			Drawing and shading for the fractions.	Counting Shading					
			Drawing and snading for the fractions.	Snaumg		Drawing			
						Shading Accounting			
			= 1/4			Accounting			
			$= \frac{3}{4}$ $= \frac{2}{3}$						
			Naming the unshaded part	Identifies					
				the unshaded					
				parts					
			1/3 2/4						
			Counts	Counts					
			Writes	Counts					
				Writes					



WEEK	PERIOD	ТНЕМЕ	SUB- THEM E	CONTENT	COMPETENCE	METHODS	ACTIVITY	LIFE SKILL & V	T/L AIDS	REF.	REM
2	1	LIVING TOGETHER	FRACTI	Addition of fractions  Examples:-  a) $\frac{1}{4} + \frac{1}{4} = \frac{1+1}{4} = \frac{1}{4} = \frac{1}{4}$ Daddy bought a Cake and cut it in two halves.  He gave away one half. How many halves remained?	Reads Counts Adds  Reads Counts Subtracts	Guided Discussion Guided Discovery	Creative thinking critical observation cooperation	Reading  Counting Subtracting	Real Objects like Oranges	M.K Primary Maths Page 82, 83 Thematic Maths Practice Page 54, 60 Supplementary sandard pg 34-35 New Mk Mtc Bk 2 pg 47	



2	OUR	Money	Forms of money	Identifies the	Illustration	Recognizing	Creative thinking	Real	M.K Primary	1
۷	TRANSPO	Williey	There are two forms of money:-		mustration	money.	Critical thinking	money	Maths	
&	RT		Coin money	sizes, colour		Reading	Sharing self	(Coins)	Page 95	
			Paper money Examples of coin money:-	Recognizing the		Matching Drawing	awareness		Thematic	
3			One hundred coin (100/=)	values.		Drawing			Maths	
			Two hundred coin (200/=) Five hundred coin (500/=)	Recognizes the					Practice	
			One thousand coin (1,000/=)	features to the					Page 82 Supp MTC	
			Features of Coins:	coins.					stand.pg76	
			200 shillings – A fish	Writes						
			100 shillings – A cow	amounts of the						
			500 shillings – A head of a Crested Crane	coins					Primary	
				Mention			Critical thinking. Responsibility		Maths Practice	
4	OUR	Money	Paper money (notes) 1,000 shillings or shs.1,000/=	features.	Guided	Mention	Creative thinking.	Money notes	Page 70	
	TRANSPO		2,000 shillings or shs.2,000/=	Reads	Discovery	Reading	Self awareness		M.K Primary	
	RT		5,000 shillings or shs.5,000/= 10,000 shillings or shs.10,000/=		Guided	Reauing			Maths	
			20,000 shillings or shs.20,000/=	Writes the	discussion	Writing			Page 94	
			50,000 shillings or shs.50,000/=	amount.	Illustration				M.K Primary	
				Relates the	1114301401				Maths	
				forms of money					Page	



5	Addition of money.  Examples:- $50 + 50 = 100/=$ $200 + 200 + 200 + 600$ $100 + 100 = 200$ $500 + 500 = 1,000$	Reads Counts Writes Adds	Guided discovery Guided discussion	Counting reading adding writing	Creative thinking Self awareness	Money	M.K Primary Maths Page 181 Thematic Maths Page 96 New MK MTC bk2 pg 126 Thematic maths pg 83, 74, MK Primary mtc pg 97	
	Subtraction of money  500 - 200 =	Reads Counts Subtracts Writes						



3	1	OUR	Money	Subtraction of money						
		TRANSPO		Examples	Reads	Guided	Reads	Creative thinking	Money	M.K Primary Maths
		RT			Counts	discovery	Counts	Critical thinking		Page 126
				( 200 )+( 100 )=( )	Subtracts	Guided	Subtracts			
				200 100 100	Writes	discussion				
				Shs200 - shs100 = shs 100						
				Sh.500 - Sh.100 = Sh.400						
				Sh.500 Sh.800 Sh.200						
				- <u>Sh.200</u> - <u>Sh.300</u> - <u>Sh.200</u>						
				Sh.300 Sh.500 Sh.100						
				How much do they have				Self awareness		
				altogether				sharing	Shop	MK bk3 pg
				Shopping List	Studies the list Reads		Reading			181
					Answers		Calculating			New MK MTC
				Examples :-	Questions		Answering			pg 97
				50/= Sh.100 Sh.500						M.K Primary Maths Page 96
				Sh.2000 Sh.500 Pen Sh.500						
				Questions:-						
				How many items are on the price list? <u>6 items</u>						
				How much is a tooth brush? 500/=						
				How much can u pay for a pen and a cup?						
						<u>,</u>				



3	3	OUR ENVIRON MENT	TIME	Hands in the clock Hour hand Minute hand Second hand	Identifies and recognizes the hands.	Guided discovery Guided	Telling time Showing time	Critical thinking Self awareness Creative thinking Co-operation	Wall clock	M.K. Primary maths Page 109 Book 1 Thematic
				Second hand  Minute hand  7 6 5  hour hand	Tells time Shows time	discussion				maths Page 95 Book 1 Supp Mtc stand.pg86
				Telling time    10						
	4			Showing time Example:- 7:00 or 7 O'clock  10 12 12 12 13 8 4 4 7 6 5 4 5 5 5 Sarah takes breakfast at 8 O'clock	Tells event which take place in a day. Shows the time on the clock face					Thematic maths Practice Book 1 Page 29 & 20 M.K. Primary maths Page 108



3	5	OUR ENVIRON MENT	TIME	Showing time using a half past Examples:- A half past means The minute hand moves half a Clock  A half past  A half past	Reads Recognizes Shows a half past Tells things which tell time	Guided discovery Look and say illustration	Showing a half past	Critical thinking  Creative thinking	A Clock face	M.K. Primary maths Page 109, 110  Thematic Page 65
4	1		Days of the week	Days of the weekDaysShort formSundaySun.MondayMon.TuesdayTue.WednesdayWed.ThursdayThur.FridayFri.SaturdaySat.	Mentions Writes Reads Spells Writes the short forms of the days Identifies the 1st, 2nd, 3rd etc.	Explaining Question and answer Guided discovery	Reciting Spelling	Self awareness effective Communication, Identity	Calendar Word Cards	M.K. Primary maths Page 106 & 107  New Mk bk2 pg 133  Practice pg 65
4	2 & 3	OUR ENVIRON MENT	Months of the Year	Months of the Year. There are 12 months in a year.  Namely:- January May February June March August April September October November December	Mention the months. Reads Spells Write short forms	Guided discovery. Discussion	Reading spelling writing	Self awareness Creative thinking Critical thinking	Calendar cards	M.K. Primary maths Page 106 & 107 Thematic mtc pg 130



	4		Algebr a	Find the missing number  Examples:-  3 + 1 = 4  7 + 1 = 8  7 + 1 = 8  2 + 2 = 4	Reads Counts Subtracts Adds	Guided discovery Guided Discussion	Reading Counting Subtracting Adding	Self awareness Cooperation Critical thinking	Number cards Counters like bottle tops	M.K. Primary math Page 112 & 113	
	5		Algebr	Find the missing numbers						M.K. Primary	
			а	$   \begin{array}{c cccccccccccccccccccccccccccccccccc$						math Page 116 & 117, 118 & 119	
5	1	OUR ENVIRON MENT  ACCIDENTS & SAFETY	Algebr a	Find the mission  Examples  3 - 1 = 2  2 - 2 = 1  4 - = 2  Minus three gives five  Six minus gives 2 (two)	Reads Counts Draws Subtracts Fills	Guided discovery	Reading Counting Drawing Subtracting Reading Counting Adding Writing	Self- awareness Cooperation Critical thinking Creative thinking	Number cards Counters	M.K. Primary math Page 118, 119 & 120  New mtc bk pg 98,106	



2			Finding the missing number	Reads						
4			Example:	Counts						
			Example:							
			2 - 1 = 1	Adds						
			0 + 0	Writes						
			6 - 2 = 4 0 + 00 0 00							
			11 - 2 = 9 00 + 000 000 000							
3	ACCIDENT	LENGT	Length:	Mentions	Guided	Naming	Critical thinking	Real objects	M.K. Primary	
	S &	Н	Length is how long or short an	Draws and	discover	Drawing		,	maths	
	SAFETY		object is. Things used to measure length.	names			Creating thinking		Page 105	
			Rules Threads	Names the						
			Ropes Sticks Tape measure	body parts						
			rape measure	body parts						
4			Body parts used to measure				Critical thinking	Real objects	M.K. Primary	
7			length	Names	Explanation	Reading		like pencils,	maths	
			Foot Hands	Draws	Discussion	Comparing	Creating thinking	books,	Page 105	
			Arm	Measures	Question		Self awareness	tables	Thematic	
			Things we can measure.		Guided				maths	
			Desks Paper Tables Wall		Discussion				Practice Page 28	
			Cupboard Floor						Book 1	
			•							
					1					



	5			Comparing length of object.	Reads						
				Examples:  Use taller or shorter	Compares Writes						
				Tree M is taller than tree N  Tree N is shorter than tree M  (a) Pencil A is longer than pencil B							
				(b) Pencil B is shorter than pencil A  A B							
7	1	& SAFETY	Length	Addition in metres and centimeters.  Examples: 3 metres + 3 metres = 6 metres  4 metres + 9 metres 13  Timothy walked 5km on Monday. He also walked 2km on Tuesday. What distance did	Define Lengths Reads Names Writes Counts Adds	Logical thinking  Critical thinking Cooperation	Counting Adding Writing	Critical thinking  Logical thinking	Counters like Sticks	M.K. Primary math Page 100  Thematic maths Page 28 & 29  New mk mtc bk3 pg 149-158	
				he move altogether 5 km + 2 km 7 km	Reads						



2			Subtraction in metres and centimeters Examples:-  (i) 10 metres - 3 metres = (ii) 7 metres  (ii) 40 cm - 20 cm 20 cm What is 8m and 3m less 8m - 3m = 5m  John had 5m of a clothe, he cut off 3m. How many metres remained? 2m  5m - 3m = 2m	Subtracts Counts						
3	PEACE & SECURITY	Weight	Weight: Weight is the heaviness or lightness of an object. Units for measuring eight is grammes Things used to measure weight. Beam balance Spring balance A set of scale blance	Define weight  Mentions the units.  Mentions things we use to measure	Defines weight Mentions Draws	Critical thinking Logical self aware-ness	Real objects like Spring balance etc.	Guided discovery Explanation Question and answer	M.K. Primary math Page 104 & 103.  Thematic maths Page 98	
4			Things we measure:  - Beans - People - Salt - Millet - Sugar - Cassava - Flour - Maize - Coffee	Mentions things we measure Draws	Mention or names writing				maths Page 168. Bk.3 old edition	



	5			Comparing the weight	Recognizes	Comparing					
				Examples:  (a) Which fruit is heavier A pineapple  (b) An apple is lighter than a pineapple	Compares  A pineapple						
8	2	PEACE AND SECURITY	Weight	Addition in kg and g  Examples:  12 + 2g = 14g  Kg g  2 2 + 6 4 8 6  Joseph weights 2kg. Sam weighs 6kg. Find the total weight of the two children 2kg + 6kg = 8kg	Counts Adds Writes	Guided discovery Guided discussion	Counting Adding Writing	Critical observation  Logical thinking  Cooperation	Counters	M.K Primary maths Page 171	
	3			Subtraction of kg and g horizontally.  Examples:  4kg - 1kg = 3kg  Kato had 7kg of sugar he have away five (5kg) to Zziwa. How many kg remained?  7kg - 5kg =kg	Reads Counts Subtracts Writes	Guided discovery Guided discussion	Reading Subtracting Writing Counting	Logical thinking Creative thinking Self-awareness		M.K Primary maths Page 103	



	4		Weight	Subtraction of kg and g vertically.  Examples:  Kg g  3 5 -1 2 2 3	Reads Counts Subtract Writes Reads Comprehends			M.K Primary maths Page 173	
				2	Subtracts Counts Writes				
	5	PEACE & SECURITY	Weight	More subtraction in Kg & g Examples:-  Mum has 80kg of meat Musa has 50kg of meat How many kg do they have?  8 0kg - 5 0kg 3 0kg			Counters	M.K Primary maths Page 174	
8	1		Capacit y	Capacity:  Capacity is the amount of liquid a container can hold Capacity is measured in litres.  Examples of liquids:  Milk Juice Paraffin Tea Water Urine Soda Acid Diesel  Containers used to measure liquids:- Basin Cup Bucket Bottles Pots Tins Drums Jerrycans	Draws	Mentioning Writing Drawing	Real Containers	M.K Primary maths Page 160 Book 3	



2	PEACE &	Capacit	Comparing capacity							
	SECURITY	у	Examples:-  Pot  Which container holds more liquid?  A bucket holds more water than a cup.  A cup holds less water than a pot.	Comparing	Guided discovery	Critical thinking Creative thinking Logical thinking Self-awareness	Comparing	Real objects e.g. Cups Jerrycans	M.K Primary maths Page 160 Book 3  M.K Primary maths Page 44	
3			Addition of litres  Examples:  3 litres + 1 litre = 4 litres 5 litres + 2 litres = 7 litres 5 litres + 3 litres = 8 litres  2 4 litres + 2 4 litres + 4 8 litres  Liz had 6 litres of water, she fetched another 2 litres of water. How many litres of water does she have altogether? 6 litres + 2 litres = 8 litres	Reads Counts Adds Writes			Reading Counting Adding Writing			



8	4	PEACE & SECURITY	Capacit y	Subtraction in litres  Examples:  9 litres - 4 litres = 5 litres  4 litres - 1 litre = 3 litres  5 7 litres - 4 3 litres 1 4 litres  More about subtraction in litres  Examples:	Reads Counts Subtracts Writes	Reading Counting Subtracting Writing	Logical thinking Critical thinking Self- awareness	Counters	M.K Primary maths Page 164 old edition	Taught
	5			5 litres plus Three litres take away two litres equals  More about subtraction in litres  Examples: Three litres take away two litres equals 3 - 2 = 1 litre  Paul had 14 litres of water and used seven litres of it. How many litres of water were left? 14 - 7 = 7 litres	Reads Counts Subtracts Writes	Reading Counting Subtracting			M.K Primary maths Page 164	Taught