TERM THREE – PRIMARY THREEMATHEMATICS SCHEME OF WORK

P.3 MATHEMATICS SCHEME OF WORK FOR TERM III

W K	P D	THEME	ΤΟΡΙϹ	SUB – TOPIC	COMPET	ENCES	CONTENT	MTDS	ACTIVITY	LIFE SKILLS	T/ L AIDS	REF
					LANGUAGE	SUBJECT				& VALUES		

1	1		Measures	Days of	- The learner states the	Days of the week		Guided	Effective	Stating	A chart	Mk
			Time	week	days of the week	7 days make a week		discussion	communicat	the	showing	bk 3
			Thire		correctly in their order.	1 week – 7 days		Question	ion	days of	days of	pg
					- Calculates the number	Days of the week		and answer	ion	the	the	126
					of days in a week	1^{st} – Sunday (sun)		techniques		week	week	
					- Changes days of weeks	2 nd – Monday – (Mon))	teeninques	Critical	Convertin	Week	
					- Identifies the days	3^{rd} – Tuesday – (tue)			thinking	g weeks	A	
					before and after	4th-Wednesday (we	ed)			to days	calendar	
					- Reads and pronounces	5 th - Thursday (Thur))					
					- Spells the days of the	6 th – Friday (fri)				Identifyin		
					week	7 th – Saturday (sat)				g the		
					- Focus on spellings of	Changing week'sto d	lays			units		
					days of a week	Example						
						How many days are in	n 3 weeks.					
						1 week = 7 days						
						3 weeks = (3×7) days	5					
						21 days						
						Examples 2						
		~				12 weeks						
		unty				1 week = 7 days						
		p co				12 weeks = 12 x 7	12					
		ır su				84 day	x7					
		in our sub county					84					
	2			Changing	- The learner changes	Changing days to wee	eks	Guided	Effective	Identifyi	Chalk	
		gen		of days of	days of weeks	Change 14 days to wee	ks	discussion	communicat	ng the	board	
		and		weeks	- Reads the questions			Questions	ion	days of	Illustrati	
		ure			given	7 days = 1 week		and answer	Problem	the	on	
		Culture and gender			- Divides the days given					week		
		-										

			 to get the week Identifies that 1 day – 1 week Solves the work application 	14 days = 14 days = 2 weeks	techniques	solving Appreciatio n Care	SolvingthewordapplicationConvertingweeksto days
3	Completi ng table	The learner draws the table Fills in the missing numbers	 Reads the given questions Interprets the given questions 	WK 1 2 3 4 5 DS 7 14 21 28 35 1 WK = 7days 2 28 35 1 WK = 7days 2 28 35 2 weeks = (2 x 7) days = 14 days 3 x 7 = 21 days 4 x 7 = 28 days 5 x 7 = 35 days Examples WK 1 2 5 6 8 DS 7 14 35 42 56 35 ÷ 7 = 5 weeks 42 ÷ 7 = 6 weeks 56 ÷ 7 = 8 weeks 56 ÷ 7 = 8 weeks			

2	1	Adding	Reads the question given	- Addition	of days ar	nd weeks					
		days and	Interprets the given	Wks	Days						
		weeks	questions	2	3	3 + 2 = 5					
			Adds the days and weeks	+1	2	2 + 1 = 3					
				3	5						
				- Example							
				_	nt 4 week a	nd 2 days					
						week and 3					
					anting rice.						
						and week					
					nting his cr						
					$2 \qquad 2+3$						
					3 4+1 =						
					5 4+1 -						
		Subtractio	Reads the weeks and days	Work ou	ıt						А
		n of weeks	correctly	Wks	Days						new
		and days	Subtracts the weeks and	5	4	4-1 = 3					Mk
			days correctly	-3	1	5-3 = 2					bk 4
				2	3						pag
				Subtract							e
											181
				Wks	Days						- 82
				8 ø		7+3 = 5					
				$\frac{-4}{4}$	<u>6</u> 4	10-6=4					
	_				-	8 - 4 = 4					
	2	Months of	- Identifies that 1 year	Months of	the year		Guided	Creative	- Conver	Chalk	Mk
		the year	has 12 months	12 months	= 1 year		discovery	thinking	ting	board	bk 3
					-						

	 The learner reads, spells and pronounces the months of the year Writes the months of the year Converts years to months 	January = 31 days February = 28 / 29 days March = 31 days April = 30 days May = 31 days June = 30 days July = 31 days August = 31 days September = 30 days October = 31 days November = 30 days	Discussion Explanatio n	Effective communicat ion Logical reasoning Appreciatio n	years to months - Readin g and interpre ting the word applicat ion	Illustrati on	pg 139
3 Convertin	 Reads and interprets the question Identifies the units for the questions Solves the word application Converts 	Conversation of years to months Examples How many months are in 3 years 1 year = 12 months 3 years = (3 x 12) months 3 years = 36 months Change 2 years to months 1 year = 12 months 2 years = (2 x 12) months = 24 months Conversion of month to year					
3 Convertin	- Converts	Conversion of month to year			-		

	g month to	- Identifies the units	Examples					
	years	- Solves the word	Change the following to years					
		application	24 months					
			12 months = 1 year					
			$24 \text{ months} = 24 \div 12$					
			= 2 years					
4	Completin	- Fills in the missing	Completing the table	Brain	Creative	Readin	A chart	Tea
	g the	numbers	year 1 2 4 5 12	storming	thinking	g the	showing	che
	tables	- Solves to find the missing	month 12 60 14	Logical	Logical	word	year and	s
		numbers	^{month} 12 60 14	Logical discovery		applicat	months	res
		- Reads and interprets the	1 year = 12 months	discovery	reasoning	ion		urc
		word application	2 year = 2 x 12		Appreciatio	Interpre		bk
			= 24 months		n care	t the		
			4 years = 4 x 12 1 2			word		
			= 48 month x 4			applicat		
			48			ion		
			12 x 12 = 144 month		-	Solving		
			Example 2			the		
			year 1 2 3 6			given		
			month 12 24 36 72			table		
					-	Alling		
			$36 \div 12 = 3$			in the		
			$72 \div 12 = 6$			missing		
						number		
5	Telling	- Differentiates the minutes	Telling time		Effective		Real	Un
	time	hand and hour hand	Use of real clock face		communicat		clock	ers
		- Tells the time using	It is 3 O'clock		ion		Mad-1	and
		minutes and hours	11 12 1		Lagias		Model	ng
			/10 ^{''} ↑ 2		Logical		clocks	

			 Identifies the given clock faces Reads the time 	$\begin{array}{c} & & \\ & & \\ \hline 11 & 12 & 1 \\ \hline 10 & & 2 \\ 9 & & & 3 \\ 8 & & & 4 \end{array}$ It is 9 O'clock		reasoning Appreciatio n care			bk 3 pg 84
3 1		Telling rime using half past	Tells time using half past. Identifies 1 hour = 60minutes Identifies the minute and hour hand Tells the time Reads and pronounces time	Telling time using half past Text bk teaching 1112129 98565 15656 15666666666666666666666666666666666666	Demonstrat ion Guided discovery	Effective communicat ion Appreciatio n Logical reasoning	Reading the word applicati on Telling time using a half past Interpret ing the word applicati on	Real clock face Model clock Text bk understa nding mtcbk 3 pg 85	

2		Showing	The learner draws the	Showing time on the clock face	Brain	Creative	-Drawin	Real	Fou
		time on	clock face	Examples	storming	thinking	g	clock	ntai
		the clock	Identifies the hour hand	Showing time on the clock face	Guided	Appreciatio	clock	face	n
		face	and minute hand	below 8 <u>O'clock</u>	discussion	n care	face	Model	bkp
			Tells the time	11 12 1	Discussion	Effective	-Identif	clocks	g
			Reads the time		Discussion	communicat	y to minute		157
			Shows time on clock face			ion	s and		
			- The learner identifies				hour		
			the minute hand and	A half past 3			hand		
			hour hand	11 12 1			- Writin		
			- Write the given time	10 2			g the		
			- Draws the clock face	$\begin{array}{c}9\\8\end{array}$			time		
			Draws the clock face	7 6 5			using		
				Oral questions			hours		
				1. What time do you brush your			and		
				teeth? Take breakfast , wake			minute		
				up? To go school, go to breakfast, lunch, eat supper,			S		
				lunch					

3	Telling	- The learner draws the	Telling the time using quarter past	Guided	Effective	- Tellin	Clock	Und
	time using	clock face	or 15 minutes past	discovery	communicat	g the	face	erst
	quarter	- Identifies the minute	Note : when the minute hand	Brain	ion	using		andi
	past	hand and hour hand	points to 3. We say quarter past	storming	Critical	а		ng
		- Tells the time	or 15 minutes past the hour.	storning	thinking	quart		mat
		- Reads the time	11 12 1	Discussion	unnking	er		hsb
		- Tells time using a	10 2		Care	- Readi		k 3
		quarter past			Love	ng		pg
			8 7 6 5			the		84 -
						word		91
			It is a quarter past 7			s		
			It is 15 minutes past 7			appli		
						catio		
						n		
4	Telling	- The learner draws the	Telling the time using a quarter to			-		
	time using	clock faces	(out of class)					
	a quarter to	- Draws the minute and	11 12 1					
		hour hand using a	10 2					
		quarter	8 4					
			It is a quarter to 2					
			It is a quarter to 5					
			11 12 1					
			10 2 9 4 3					
			8 4					

5	More about telling time	 The learner identifies the minute hand and the hour hand Reads the time Tells using past 	More about telling time (Text bk lesson)	Brain storming Discussion Demonstrat ion	Effective communicat ion Critical thinking	- Telli ng time using past - Read	Real clock faces Model clock	Mk bk 3 pg 133
			Telling the time 5 minutes to 2 O'clock 11 12 12 12 13 12 13 12 13 12 13 12 13 13 13 13 13 13 13 13		Care Love	ing the word appli catio n - Ident ifyin g the minu te and hour hand		Und erst andi ng mat hsB k 3 pg 89

4	1	Cultur e and gender	Measurin g time	Telling time in digital form	 The learner draws the clock face and tells time in digital form. States the time in digital form 	Showing time on clock faces Show the time below on the clock face a) 25 minutes to 5 b) 5' O'clock c) 6 O'clock Telling time using digital form Examples $11^{10}_{98}_{76}_{5}_{5}_{5}_{5}_{5}_{5}_{5}_{5}_{5}_{5$	Guided discovery Question and answer techniques	Problem solving Effective communicat ion	 Dra wing cloak faces Stati ng time in digit al form 	Real clock face	Mk bk 3 pg 136
	2			Addition of hours and minutes	The learner adds time without regroupingSolves word problem with additionReads, spells and pronounces words correctly.Re grouping addition	Addition of hours and minutesAdd:Hrsmin420130550I spent 2 hours 30 minutes doinga maths test and 1 hour15minutes doing R.E. How manyhours did I so end altogether	- Guided discovery	Problem solving Effective communicat ion	Adding time without regroupi ng	- Chal k baor d illust ratio n	Fou ntai n bk 4 pg 160

		hours, minutes						
3	Addition of hours and minutes	 The learner arranges the numbers vertically Adds and regrouping correctly Reads, spells pronounces words like hours, minutes, regrouping , addition correctly 	Addition of time withregroupingExamplesAdd: HrsMins1345115 1 500 $60 \div 60$ 5 $60 \div 60$ I remoMy father sent 5 hrs 35 minutesdriving from the village toKampala and 2 hrs 35 minutesfrom Kampala and 2 hrs 35 minutesfrom Kampala to Masaka. Howlong did my father drive?Hrsmin53523510 $70 \div 60$	 Guided discove ry Brain stormin g Observ ation 	Critical thinking Problem solving Effective communicat ion	Arrangi ng numbers verticall y Adding time in hours and minutes	- Chal k boar d illust ratio ns	Fou ntai n bk 4 pg 160
4	Changing hours to minutes	 The learner changes hours to minutes States the number od minutes in an hour 	Changing hours to minutes Change 2 hours to minutes 1 hour = 60 minutes 2 hours = (2 x 60) minutes = 120 minutes	-		Changin g hours to minutes Stating	-	

	5	Changing minutes to hours	 The learner changes minutes to hours Reads, spells and pronounces words like minutes, hours correctly 	Changing minutes to hours Examples 1. Change 120 minutes to hours 1 hour = 60 minutes = 120 minutes 60 minutes 12 ÷ 6 2 hours	guided discovery question and answer techniques	Changing minutes to hours	the number of minutes in an hour Chalk board illustrati ons	- Teac hers colle ction	
5		Months of the years	 The learner identifies the months of the year in their order Reads, spells and writes the ordinal month of the year Focus on pronunciation and spellings of all months 	Months of the year 12 months make a year 1 year = 12 months January = 31 days February = 28 / 29 days March = 31 days April = 30 days June = 30 days July = 31 days August = 31 days September = 30 days October = 31 days	Guided discovery	Problem solving	Stating the months of the year	- Real calen dar and textb ook	Mk bks pg 140 Und erst andi ng mat hsb k 3 pg 82

			Novemb	er = 30 da	VC							and
					•							83
			Decembe	er = 31 da	ys							83
	Finding	-	The mee	eting start	ted at	7:40am	Explanatio				- Unde	
	duration		and end	ed at 8:50)am.	How long	n				rstan	
			did the 1	meeting la	ast?		Guided				ding	
			Duratio	n = endin	g time	e	discovery				math	
			Starting	time			Question				sBk	
			Hrs	min			and answer				3	
			8	50		50					page	
			- 7	40	-4	40					92	
			1	10	_	10						
			8	-7=1								
			1 hour	10 minute	es							
2	The	The learner interprets the	The cale	endar			- Guided	-	Critical	Identifyi	Real	- M
	calendar	given problem	Textboo	ok teaching	g Mk l	Bk 3 pg	discover		thinking	ng the	calendar	k
		Identifies the age in the	138 and	139			У	-	Problem	age in	and text	b
		word application	Note: 4	weeks					solving	the	bk	p
		word apprication	Make a	month						word		1
		Reads, spells and	12 mont	ths make a	a year					applicati		0
		pronounces words	52 week	ks make a	year					on by		
		correctly	365 day	s make a	year.					subtracti		
		Calendar	Finding	g age						ng		
		V	Examp	les								
		Years	Mike w	as born in	1989.	. How old						
			was he	in 1997								
			The yea	ris 1	997							
			He was	born in 19	989							
				0	008							

			Finding	The learner,	Alice is 12 years old. In which	- Explanat	- Critical			-
			year of birth	 Reads and interprets the given statements. Finds the year of birth correctly by subtraction 	year was she born? 2018 - 12 2006 She was in 2006	ion - Question and answer	thinking - Problem solving			
3	Health in our sub – county	Measure ments	Identifying simple shapes	 The learner identifies some simple shapes States the number of sides of different shapes 	Measurements Names of some simple shapes 1. Rectangle 2. Square 3. Pentagon 4. Kite 5. Trapezium 6. Triangle 7. Circle Features of a rectangle Has 4 sides Has 4 right angles Two opposite sides equal	Questions and answer techniques		Identifyi ng some simple shapes	Cut outs of some shapes	1

Parts of a	- Identifies some solid	x	Explanatio	MK	
cube or	shapes		n	Page	
cuboid	- Draws and names solid		Brian	130 -	
	shapes	Y	storming	131	
	- Names the parts of a	Z	storming		
	cuboid	X – vertex	Question		
		Y – face	and answer		
		Z – edge			
		Number of			
		Vertices = 8			
		Faces = 6			
		Edges = 12			

4	- The learner	Finding perimeter of a	Demonstrat	Problem	Finding	Cut outs	- M
	differentiates the	rectangle (practical lessons)	ion	solving	the	of a	k
	rectangle from other	Rectangle has the length (long	Guided	Critical	perimete	rectangl	b
	shapes	side) width (short side)	discovery	thinking	r of the	e	k
	- Finds the perimeter of a	perimeter is the distance around	discovery	unnking	rectangl	Chalk	4
	rectangle	the rectangle			e	board	р
		Example				illustrati	g
		1. Find the perimeter of the				on	2
		rectangle below			Differen	on	0
					tiating		5
		4cm			rectangl		
		7cm			e from		
		Perimeter = Add all sides			other		
		L + W + L + W			shapes		
		= (7+4+7+4)					
		Perimeter = 22 cm					
		2. Find the distance a round the					
		rectangle below					
		6dm					
		4dm					
		Perimeter $= L + W + L + W$					
		=(6+4+6+4)					
		= 20 dm					

5		Finding	- The learner finds the	Find	ing a	rea o	f a re	ctang	le	Guided	Evaluation	Finding	Real cut	
		area of a	area of a rectangle by	Exar	nple (out of	f class	lesso	ns	discovery	Problem	the area	outs of	
		rectangle	counting, square units	1	2	3	4	5	6		solving	of a	rectangl	
			and by multiplying the	7	8	9	10	11	12		Solving	rectangl	e	
			length and width	/	0	9	10	11	12	Question	Effective	e		
				13	14	15	16	17	18	and answer	communicat			
				18 50	luare	unite				techniques	ion			
						ea of	the re	ctanal	٩		Critical			
				belov				ctangi			thinking			
					~~			1			8			
								4cm						
					8	cm		40111				Stating		
				Aros	$\mathbf{h} = \mathbf{L}$							the area		
							М					of a		
				Area		(4) C	IVI					triangle		209
				Alea	- 32	cm						in		4 pg
												square		Mk bk 4
												units		Mk

6 1	Properties and perimeter of a square	 The learner finds the perimeter of the square States the properties of a square 	A square Properties Has all sides equal Has 4 right angels Finding perimeter of a square Examples (particular lessons) Find the perimeter of the figure below 4 cm Perimeter = add all sides (4+4+4+4) 16cm	Guided discovery		Solid shapes	- M k b k p g 2 0 8	
-----	---	--	--	---------------------	--	-----------------	---	--

2	F	Finding	- The learner finds the	Examples	Guided	Critical	Finding	Solid	
	a	area of a square	 area of a square by multiplying the length and the width Reads, spells and pronounces words like length, area, width, multiply correctly 	Find the area of the square below $A = s \times s$ $Sdm \times 5 dm$ $A = 25 dm$ Work out the area of the figure. $Area = s \times s$ $= 6cm \times 6 cm$ $36 cm^{2}$	discovery Question and answer	thinking Problem solving Effective communicat ion	the area of a square by multiply ing the length and the width	shapes	- Mk bk 4 pg 209

3	Finding	- The learner finds	Find the distance around other	Finding	-
	the	perimeter of different	shapes	the	
	distance	shapes by adding all the	Examples	perimete	
	around	sides	Find the perimeter of the figure	r of	
	shapes	- States the formula for	below	different	
		finding perimeter	3cm	shapes	
			Perimeter = Add all sides = $(3+3+3+3+3v)$ cm = 15 cm 3 cm 4 cm 5 cm Perimeter = add all sides = 3 cm + 4 cm + 5 cm = 12 cm		
			= 12 cm		

4	Algeb	bra Finding	- The learner finds the	Algebra
		missing	missing number with	Example (practical lessons
		number	addition	Addition
		with	- Reads, spells and	+3 = 6 - 3
		addition	pronounces words like	
			- Algebra	$ \begin{array}{c} \hline & +3 = 6 - 3 \\ \hline & \bigcirc & \bigcirc & \oslash & \oslash & & & & \\ \hline & = 6 - 3 \end{array} $
			- Missing numbers	
			- Addition correctly	
				Example 2
				4+ = 8-4
				$\square = 8 - 4$
				Kato had some hens. He was
				given 10 more hens. He now has
				15 hens. How many hens
				hadkato at first?

5	Finding	- The learner finds the	Algebra with subtraction	Guided	Problem	Finding	Real	
	missing	missing number with	Example (practical lessons)	discovery	solving	the	objects	
	numbers	subtraction	- 5 = 3	Demonstrat	Critical	missing	like	
	with	- Reads, spells and	= 3 + 5	ion	thinking	number	cups,	
	subtractio	pronounces words like	= 8	1011	unnking	with	pencils	
	n	subtraction			Interpreting	subtracti		
		- Algebra	Y - 5 = 3		Effective	on		
			Y = 3+ 5		communicat			
			Y = 8		ion			
			Examples					
			Whitney had some mangoes.					
			She gave me 5 mangoes and					64
			remained with 7 mangoes.					bg
			How many mangoes did she					bk 3
			have at first?					laths
			If Whitney had					ng n
			mangoes then					andi
			5 = 7					understanding mathsbk 3
			=7+5					oun
			= 12					94
			Y - 2 = 8					pg]
			Y = 8 + 2					Mk bk 3 pg 194
			Y = 10					Mk
								ı

7	1]	Find the	The learner interprets and	Finding the un known missing	Guided	Problem	Interpret	Real	- M
		1	missing	finds the missing number	number with multiplication	discovery	solving	ing and	object	k
		1	number	with multiplication	Examples (practical lessons)	Demonstrat	Effective	finding	like	b
		,	with	Reads, spells and		ion	communicat	the	cups,	k
		1	multiplicati	pronounces words	$\Box x 2 = 10$		ion	missing	pencils	3
			on	correctly	$\square = 10 \div 2$	Explanatio	ion	numbers		р
				Like multiplication	= 5	n		with		g
				Division		Question		multipli		1
					$8 x \square = 32$	and answer		cation		9
					$ = 32 \div 8 $	technique				6
										-
					Kimono sells 9 packets of milk					1
					a day. After some days he has					9
					sold 45 packets. How many					7
					days did he sell 45 packets					
					9 x \square = 45					
					9 x a = 45					
					$a = 45 \div 9$					
					a = 43 = 5					
					Namale had 12 bananas. She					
					gave away some to children.					
					Each child got 4. Find the					
					number of children that were					
					given bananas					
					6					

2	Finding	The learner	Finding the missing numbers	Guided	Problem	Finding	Real	- M
	the	Finds the missing number	using division	discovery	solving	the	objects	k
	missing	in division	Examples	Question	Effective communicat ion	missing	like	b
	number	Reads, spells and	$\Box \div 4 = 3$	and answer		number	pencils,	k
	with	pronounces words like	$ = 3 \times 4 $			in	cup	3
	division	division, algebra correctly	= 12			division		р
			Example 2					g
			Dorothy had some oranges. She					1
			divided them among 8 children					9
			and each got 4 oranges. How					8
			many oranges did she have					
			altogether .					
			=4					
			\Box ÷ 8 x 4					
			12					
			Example 3					
			Fill in the missing numbers					