

THE PEARL

PRIMARY FOUR MATHEMATICS SCHEME OF WORK FOR TERM III

WK	PD	THEME	TOPIC	SUBTOPIC	COMPETENCE	CONTENT	METHODS	T/L ACTIVITIES	LIFE SKILLS	T/L AIDS	REF	REM
1	1	M E A S U R E M	M O N E Y	Uganda currency	The learner; Identifies coins and notes Describes different coins and notes	Money is a medium of exchange Uganda currency is in shillings.	Observation Guided discovery Think-pair- share Group discussion	Describing coins and notes Drawing shading	Problem solving Logical thinking Effective communication	Coins notes	p.4 curri pg 15 MK BK4pg 131-133	
	2	E N T S		Finding number of coins and notes	The learner; Finds number of coins and notes in a given coin or note	Finding number of coins and notes	Guided discovery Think-pair- share Group discussion	Dividing Adding Multiplying counting	Problem solving Logical thinking Effective communication	Coins notes	p.4 curri pg 15 MK BK4pg 131-133	
	3			Finding amount of money in given coins and notes	The learner; Finds amount of money in given coins and notes Interprets and reads statements involving money	Example Shakoor had 8 notes of 5000 shilling each. How much money did he have altogether?	Guided discovery Think-pair- share Group discussion	Dividing Adding Multiplying counting	Problem solving Logical thinking Effective communication	Coins notes	p.4 curri pg 15 MK BK4pg 133	
	4			Adding and solving word problems involving money	The learner; Adds money Solves word problems involving addition of money	Example Workout:sh.95 0 +sh.200 + sh.600 sh.950 sh.200 <u>+sh.600</u> <u>sh.1750</u>	Guided discovery Think-pair- share Group discussion	Counting Adding interpreting	Problem solving Logical thinking Effective communication	Coins notes	p.4 curri pg 15 MK BK4pg 137	

	5			Subtraction of money	The learner; Subtracts money Solves word problems involving subtraction of money	Example Deborah had sh.18000 and she bought a pair of shoes at sh.15000. How much money remained?	Guided discovery Think-pair-share Group discussion	Counting Subtracting interpreting	Problem solving Logical thinking Effective communication	Coins notes	p.4 curri pg 15 MK BK4pg 138	
	6			Multiplication of money (direct proportion)	The learner; Solves problems involving multiplication of money	Direct proportion <u>Example</u> What is the cost of 4 cups if one cup costs sh.2000?	Guided discovery Think-pair-share Group discussion	Counting Interpreting Multiplying Adding	Problem solving Logical thinking Effective communication	Coins notes	p.4 curri pg 15 MK BK4pg 139	
	7			Division of money	The learner; Solves problems involving division of money	Example Workout: $\text{sh.2500} \div 5$	Think-pair-share Group discussion	Dividing Interpreting Counting	Problem solving Logical thinking	Coins notes	p.4 curri pg 15 MK BK4pg 140	
2	1			Making shopping lists	The learner; Makes shopping lists	Nakato's shopping list A biscuit sh.200 A dress sh.4000 A sweet sh.100	Think-pair-share Group discussion	Shopping Writing Counting	Decision making Critical thinking Effective communication	Coins notes	p.4 curri pg 15 MK BK4pg	
	2			Interpreting Shopping lists	The learner; Interprets shopping lists Prepares shopping lists	Interpreting shopping lists	Guided discovery Think-pair-share Group discussion	Shopping Writing Counting Preparing shopping lists	Decision making Critical thinking Effective communication	Coins notes	p.4 curri pg 15 MK BK4pg	
	3			Bill tables	The learner; Completes bill tables	Completing bill tables	Guided discovery Think-pair-share	Shopping Writing Counting	Decision making Critical thinking	Coins notes	p.4 curri pg 15 MK BK4pg 142	

					Interprets bill tables		Group discussion	Preparing shopping lists	Effective communication			
	4			Finding profit	The learner; Calculates simple profits Uses examples to describe ,understanding of profit	Finding profits Example Makko bought a pen at sh.1500 and sold it at sh.1700. What profit did Makko get?	Guided discovery Think-pair-share Group discussion	Subtracting Reading interpreting	Logical thinking Problem solving Effective communication Decision making	Coins notes	p.4 curri pg 15 MK BK4pg 143	
	5			Finding selling price given profit and cost price	The learner; Finds selling price given BP and profit Delves the formula for finding selling price	Example A trader bought a shirt at sh7500 and sold it and made a profit of sh3500. What was the SP? $SP = CP + P$	Guided discovery Think-pair-share Group discussion	Subtracting Reading interpreting	Logical thinking Problem solving Effective communication Decision making	Coins notes	p.4 curri pg 15 MK BK5pg 248	
	6			Finding simple loss	The learner; Calculates simple loss Uses examples to describe ,understanding of loss	<u>Finding loss</u> Example The cost of a radio is sh.10000 if it's sold at sh.8000. Find the loss. $L = CP - SP$	Guided discovery Think-pair-share Group discussion	Subtracting Reading interpreting	Logical thinking Problem solving Effective communication Decision making	Coins notes	p.4 curri pg 15 MK BK5pg 245	
	7			Finding BP when given loss and SP	The learner;	<u>Example</u> Oketa sold a shirt at	Guided discovery	Adding Reading interpreting	Logical thinking Problem solving	Coins notes	p.4 curri pg 15 MK BK5pg	

					Determines BP when given loss and selling price	sh.15000. He made a loss of sh.3000. How much did he buy it? $CP = SP + LOSS$	Think-pair-share Group discussion		Effective communication Decision making		247	
3	1			Finding SP given BP and loss	The learner; Finds selling price when given buying price and loss	<u>Example</u> James bought a TV set at sh.232000 and later sold it making a loss of sh37000. Find selling price of TV set.	Think-pair share Demonstration Guided discovery	Reading Interpreting Subtracting	Logical thinking Problem solving Effective communication Decision making	Coins notes	p.4 curri pg 15 MK BK5pg 249	
	2	M E A S U R E	T I	Telling time	The learner; Tells time using minutes, half past, quarter to and quarter past	<u>Telling time</u>	Guided discovery Group discussion Think-pair-share	Using real or model clocks to tell time	Accuracy Problem solving Effective communication	Wall clocks Model clocks	P.4 CUUR Pg 16 MK BK4 Pg154-156	
	3	M E N T S	M E	Showing time	The learner; Shows time in minutes, half past, quarter past and quarter to on the clock faces.	<u>Showing time on the clock faces</u>	Demonstration Guided discovery Group discussion Think-pair-share	Using real or model clocks to tell time	Accuracy Problem solving Effective communication	Wall clocks Model clocks	P.4 CUUR Pg 16 MK BK4 Pg154-156	
	4			Telling morning and afternoon time	The learner; Tells morning and afternoon time using digital and analogue clocks/watches.	Telling morning and afternoon time using digital and analogue clocks/watches	Demonstration Guided discovery Group discussion Think-pair-share	Using real or model clocks to tell time	Accuracy Problem solving Effective communication	Wall clocks Model clocks	P.4 CUUR Pg 16 MK BK4 Pg154-156	

	5			Converting hours to minutes	The learner; Converts hours to minutes	Example Change 4 hours to minutes $1 \text{ hour} = 60\text{min}$ $4\text{hour} = (4 \times 60) = 240 \text{ min}$	Guided discovery Group discussion Think-pair-share	Using real or model clocks to tell time	Accuracy Problem solving Effective communication	Wall clocks Model clocks	P.4 CUUR Pg 16 MK BK4 Pg159	
	6			Converting min to hours	The learner; Converts minutes to hours	Example Convert 120 minutes to hours	Guided discovery Group discussion Think-pair-share	Dividing Counting reading	Accuracy Problem solving Effective communication	Wall clocks Model clocks	P.4 CUUR Pg 16 MK BK4 Pg160	
	7			Addition and subtraction of hours and min	The learner; Adds and subtracts hours and minutes Uses the basic operations to operate on the units of time	Addition of hours and minutes Subtraction of hours and minutes.	Think-pair-share Guided discovery Group discussion	Adding Subtracting Dividing Regrouping	Accuracy Problem solving Effective communication	Wall clocks Model clocks	P.4 CUUR Pg 16 MK BK4 Pg160	
	1			Converting days to weeks and vice versa	The learner; Converts days to weeks Converts weeks to days	Example 1.change 56 days to weeks 2.cnvert 5 weeks to days	Guided discovery Group discussion Think-pair-share	Dividing Counting Reading Multiplying	Accuracy Problem solving Effective communication	Calenda rs	P.4 CUUR Pg 16 MK BK4 Pg147-148	
4	2			Addition \$ subtraction of weeks and days	The learner; Adds weeks and days Subtracts weeks and days	Addition of weeks and day Subtraction of weeks and days	Guided discovery Group discussion Think-pair-share	Dividing Counting Reading Multiplying Regrouping Subtracting	Accuracy Problem solving Effective communication	Calenda rs	P.4 CUUR Pg 16 MK BK4 Pg	
	3			Changing years to months and vice versa	The learner; Converts years to months and vice versa	Examples 1. How many months are in 5 years?	Guided discovery Group discussion	Dividing Counting Reading Multiplying	Accuracy Problem solving	Calenda rs	P.4 CUUR Pg 16 MK BK4	

						2. Convert 24 months to years.	Think-pair-share	Subtracting	Effective communication		Pg151-152	
	4			Addition and subtraction of years and months	The learner; Adds years and months Subtracts years and months	Examples a) Changing years to months b) Changing months to years.	Guided discovery Group discussion Think-pair-share	Dividing Counting Reading Multiplying Regrouping Subtracting	Accuracy Problem solving Effective communication	Calendars	P.4 CUUR Pg 16 MK BK4 Pg151-152	
	5			Converting days to hours and vice versa	The learner; Converts days to hours and vice versa	Examples 1. How many hours are in 3 days? 2. Express 48 hours to days.	Group discussion Think-pair-share Guided discovery	Dividing Counting Reading Multiplying Regrouping Subtracting	Accuracy Problem solving Effective communication	Calendars	P.4 CUUR Pg 16 MK BK4 Pg157-158	
	6			The calendar	The learner; Names months of the year Makes calendars Interprets calendars	Names of the months of the year Making the calendars Interpreting the calendars	Guided discovery Observation Think-pair-share	Naming Spelling Making calendars Interpreting	Accuracy Problem solving Effective communication	calendars	P.4 CUUR Pg 16 MK BK4 Pg149-150	
	7			Finding duration	The learner; Calculates the duration	Finding duration	Guided discovery Observation Think-pair-share	Subtracting Interpreting Summarizing	Accuracy Problem solving Effective communication	Wall clock	P.4 CUUR Pg 16 MK BK4 Pg161	
5	1	M E A S U R E	L E N G T H	Converting KM to Metres and vice versa	The learner; Converts km to m and vice versa	Examples 1. Convert 6km to metres 2. Change 8000m to km	Guided discovery Observation Think-pair-share	Multiplying Dividing Writing Reading	Accuracy Problem solving Effective communication	Metric table Multiplication table	P.4 CUUR Pg 17 MK BK4 Pg1	

	2	M E N T S	M A S S	Converting metres to CM and vice versa	The learner; Uses the correct units to convert	Examples 1.Express 4 m to cm 2. Change 100cm to metres.	Think-pair- share Guided discovery Group discussion	Multiplying Dividing Writing Reading	Effective communication Accuracy Problem solving	Metric table Multiplic ation table	P.4 CUUR Pg 17 MK BK4 Pg168	
	3		C A P A C I T Y	Converting MM to CM and vice versa	The learner; Uses the correct units to convert	Examples 1.Express 550cm to mm 2. Convert 150mm to centimetres.	Think-pair- share Guided discovery Group discussion	Multiplying Dividing Writing Reading	Effective communication Accuracy Problem solving	Metric table Multiplic ation table	P.4 CUUR Pg 17 MK BK4 Pg166- 167	
	4			Addition and subtraction of km and metres	The learner; Adds and subtracts kilometers and metres correctly	Addition of KM and Metres Subtraction of Km and Metres	Think-pair- share Guided discussion Group work	Adding Subtracting Dividing Regrouping	Effective communication Accuracy Problem solving	Metric table Multiplic ation table	P.4 CUUR Pg 17 MK BK4 Pg166- 167	
	5			Addition and subtraction of M and Cm	The learner; Adds and subtracts Meters and Centimeters correctly	Addition of M and centimetres Subtraction of Metres and centimeters	Think-pair- share Guided discussion Group work	Adding Subtracting Dividing Regrouping	Effective communication Accuracy Problem solving	Metric table Multiplic ation table	P.4 CUUR Pg 17 MK BK4 Pg166- 167	
	6			Addition and subtraction of Cm and mm	The learner; Adds and subtracts Centimeters and mm correctly	Addition of Cm and mm Subtraction of Cm and mm	Think-pair- share Guided discussion Group work	Adding Subtracting Dividing Regrouping	Effective communication Accuracy Problem solving	Metric table Multiplic ation table	P.4 CUUR Pg 17 MK BK4 Pg166- 167	
	7			Changing kg to grams and vice versa	The learner; Converts kg to Grams and vice versa	1.Change 4kg to grams 2.Convert 3000g to kg	Demonstration Think-pair- share Guided discovery	Multiplying Dividing	Accuracy Problem solving Creative thinking	Metric table Multiplic ation table	P.4 CUUR Pg 17 MK BK4 Pg178- 180	

6	1			Addition and subtraction of Kg and Grams	The learner Adds and subtracts kg and Grams correctly	a) Addition of kg and grams b) Subtract of kg and grams	Think-pair-share Guided discovery	Adding Subtracting Dividing Regrouping	Accuracy Effective communication Problem solving	Metric table Multiplication table	P.4 CUUR Pg 17 MK BK4 Pg178-180	
	2			Converting litres to millilitres and vice versa	The learner; Converts litres to millilitres and vice versa	Examples 1. Convert 9 L to milliliters 2. Change 7000ml to litres.	Think-pair-share Guided discussion Group work	Multiplying Dividing	Problem solving Accuracy Effective communication	Metric table Multiplication table	P.4 CUUR Pg 17 MK BK4 Pg181-184	
	3			Addition and subtraction of L and ml	The learner; Adds and subtracts litres and millilitres correctly	a) Addition of litres and ml b) Subtraction of litres and millilitres	Think-pair-share Guided discussion Group work	Adding Subtracting Dividing Regrouping	Problem solving Accuracy Effective communication	Metric table Multiplication table	P.4 CUUR Pg 17 MK BK4 Pg181-184	
	4	A L G E B R A	E Q U A T I O N S	Solving simple equations of addition without letters	The learner; Solves mathematical statements in form of equations with no letters	Find the missing numbers $\square + 4 = 8$ I think of a number, when I add it to 9, I get 20. Find the number.	Think-pair-share Guided discussion Group work	Collecting like terms Subtracting	Logical thinking Problem solving Effective communication	Counter	P.4 CURRI Pg18 MK BK4 Pg186-187	
	5			Solving equations by subtracting	The learner; Solves mathematical statements in form of equations with letters	Examples Solve: $x + 6 = 11$ Find the value of y. $Y + 11 = 20$	Think-pair-share Guided discussion Group work	Collecting like terms Subtracting	Logical thinking Problem solving Effective communication	Counter	P.4 CURRI Pg18 MK BK5 Pg272-273	

	6		W I T H O U T	Solving simple equations of subtraction.	The learner; Solves simple equations of subtraction without letters	Find the missing number. $\square - 5 = 12$ I think of a number, subtract 9 from it, I remain with 13. Find the number.	Guided discussion Group work Think-pair-share	Collecting like terms Adding	Logical thinking Effective communication Problem solving	counters	P.4 CURRI Pg18 MK BK4 Pg188	
	7			Solving equations by adding with letter	The learner; Solves simple equations of subtraction with letters	Examples Solve: $n - 5 = 12$ Find the value of m $m - 6 = 13$	Guided discussion Group work Think-pair-share	Collecting like terms Adding	Logical thinking Effective communication Problem solving	counters	P.4 CURR Pg18 MK BK5 Pg274-275	
7	1		L E T T E R S	Solving simple equations involving multiplication	The learner; Solves simple equations involving multiplication	Find the missing number. $\square \times 4 = 24$ I think of a number when multiplied by 7, I get 35. What is the number?	Guided discussion Group work Think-pair-share	Collecting like terms Dividing	Logical thinking Effective communication Problem solving	counters	P.4 CURRI Pg18 MK BK4 Pg191	
	2			Solving equations involving division	The learner; Solves simple equations involving division	Find the missing number. $20 \div \square = 5$ I think of a number, when divided by 4 I get 7, what is the number?	Guided discussion Group work Think-pair-share	Collecting like terms Dividing multiplying	Logical thinking Effective communication Problem solving	counters	P.4 CURRI Pg18 MK BK4 Pg192-193	

	3			Collecting like terms	The learner; Collects like terms	Collects like terms Example Collect like terms $2y + 3n + 4y + 6n$	Guided discussion Group work Think-pair-share	Collecting simple like terms	Problem solving Logical thinking	Letters of alphabet	MK BK5 Pg274-275	
	4			Substitution	The learner; Substitutes correctly	Given that $a = 2$, $b = 3$ and $c = 4$ Find a) $a + b$ b) $a + b + c$ c) $ab + c$	Guided discussion Group work Think-pair-share	Substituting Multiplying Adding Dividing Subtracting	Problem solving Logical thinking	Letters of alphabet	MK BK5 Pg271	

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