

THE PEARL EDUCATIONAL CONSULT KAMPALA SCHOOLS

PRIMARY TWO MATHEMATICS SCHEME OF WORK FOR TERM ONE

W K	PD	THEME	SUB THEME	COMPETENCES		CONTENT	METHODS	TEACHING/ LEARNING ACTIVITIES	INDICATORS OF LIFE SKILLS	IMS	REF	RE
				LANGUAGE	SUBJECT							
1	1	OUR SCHOOL AND NEIGHBOURHOOD	SETS	The learner; Reads new words correctly. Pronounces new words correctly.	The learner names sets correctly.	SETS Meaning of a set. Naming sets A set of 2 tables	Group work Discussion Demonstration Guided discovery	Naming sets correctly.	Critical thinking. Effective communication Creative thinking. Problem solving	Real objects	MK Primary three Pg. 1	
	2		SETS	The learner; Reads new words correctly. Pronounces new words correctly.	Draws given sets	Drawing sets A set of 6 books.	Group work Discussion Demonstration Guided discovery	Drawing given sets	Critical thinking. Effective communication Creative thinking. Problem solving	Real objects	MK Primary three Pg. 1	
	3		SETS	The learner; Reads new words correctly. Pronounces new words correctly.	Matches given sets	Matching sets	Group work Discussion Demonstration Guided discovery	Matching given sets	Critical thinking. Effective communication. Creative thinking. Problem solving	Real objects	MK Primary three Pg. 14	
	4		SETS	The learner; Reads new words correctly. Pronounces new words correctly.	Compares sets using more than and less than.	Comparing sets	Group work Discussion Demonstration Guided discovery	Comparing sets using more than and less than.	Critical thinking. Effective communication. Creative thinking. Problem solving	Real objects	MK Primary three Pg. 2	
	5		SETS	The learner; Reads new words correctly. Pronounces new words correctly.	Orders sets in ascending order.	Ordering sets in ascending order. Ordering sets in descending order.	Group work Discussion Demonstration Guided discovery	Ordering sets in ascending order.	Critical thinking. Effective communication. Creative thinking. Problem solving	Real objects		
2	1		SETS	The learner; Reads new words correctly. Pronounces new words correctly.	Makes subsets from the mother set.	Meaning of Sub sets/sorting sets	Group work Discussion Demonstration Guided discovery	Making subsets from the mother set.	Critical thinking. Effective communication. Creative thinking. Problem solving	Real objects		

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						Making small sets from big sets.						
	2		SETS	The learner; Reads new words correctly. Pronounces new words correctly.	Tells the meaning of empty set. Gives examples of empty sets.	Empty sets/null sets Meaning of null sets. Examples of empty sets. Using empty or not empty.	Group work Discussion Demonstration Guided discovery	Telling the meaning of empty set. Giving examples of empty sets.	Critical thinking. Effective communication. Creative thinking. Problem solving	Real objects	MK Primary three Pg. 12	
	3		SETS	The learner; Reads new words correctly. Pronounces new words correctly.	Names parts of a Venn diagram. Shades part of a Venn diagram	Parts of a Venn diagram. Intersection set/ Shading intersection. finding common members	Group work Discussion Demonstration Guided discovery	Naming parts of a Venn diagram. Shades part of a Venn diagram	Critical thinking. Effective communication. Creative thinking. Problem solving	A diagram showing parts of a Venn diagram.	MK Primary four Pg. 9 - 11	
	4		SETS	The learner; Reads new words correctly. Pronounces new words correctly.	Finds common members in given sets.	Intersection sets Meaning Finding common members in given sets.	Group work Discussion Demonstration Guided discovery	Finding common members in given sets.	Critical thinking. Effective communication. Creative thinking. Problem solving	A diagram showing parts of a Venn diagram.	MK Primary four Pg. 9 - 11	

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	5		SETS	The learner; Reads, writes and uses words like intersection correctly Writes the union symbol	Draws the Venn diagram Shades the union of sets	The union sets Meaning Shading union sets	Group work Discussion Demonstration Guided discovery	Drawing the Venn diagram. Shading the intersection.	Critical thinking. Effective communication. Creative thinking. Problem solving	A diagram showing parts of a Venn diagram.	MK Primary four Pg. 13	
3	1		SETS	The learner; Reads new words correctly. Pronounces new words correctly.	Finds members in the union of sets.	Finding members in the union of sets	Group work Discussion Demonstration Guided discovery	Finding the members in the union of sets.	Critical thinking. Effective communication. Creative thinking. Problem solving	A diagram showing parts of a Venn diagram.	MK Primary four Pg. 13	
	2		SETS	The learner; Reads new words correctly. Pronounces new words correctly.	Represents the given information on a Venn diagram.	Representing given information on a Venn diagram.	Group work Discussion Demonstration Guided discovery	Representing the given information on a Venn diagram.	Critical thinking. Effective communication. Creative thinking. Problem solving	A diagram showing parts of a Venn diagram.	MK Primary four Pg. 11	
	3		SETS	The learner; mentions and writes the members in a set	Lists the union set Finds number of members in a given set using symbols.	Finding number of members in a given set using symbols. <u>Example</u> 1. Set P = {1, 4, 7} Find n (P) Set P = {1, 4, 7}	Group work Discussion Demonstration Guided discovery	Finding the number of members in a given set using symbols.	Critical thinking. Effective communication. Creative thinking. Problem solving	Real objects	MK Primary four Pg. 13	

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						$n(P) = 3$ <u>members</u>						
	4		SETS	The learner; Reads and writes the members in the intersection set	Finds the number of members in the intersection. Counts the common members	Finding the number of members in the intersection set using symbol (n)	Group work Discussion Demonstration Guided discovery	Finding the number of members in the intersection.	Critical thinking. Effective communication. Creative thinking. Problem solving	Real objects	MK Primary four Pg. 13	
	5		SETS	The learner; Reads and writes all members in the sets given.	Finds the number of members in the union set.	Finding number of members in the union set. Example 1. Set $S = \{1, 2, 3, 4\}$ and Set $J = \{6, 7, 8\}$ Find $n(S \cup J)$ $S \cup J = \{1, 2, 3, 4, 6, 7, 8\}$ <u>$n(S \cup J) = 7$</u> <u>members</u>	Group work Discussion Demonstration Guided discovery	Finding the number of members in the union set.	Critical thinking. Effective communication. Creative thinking. Problem solving	Real objects Sentence strip	MK Primary four Pg. 13	
4	1	Our home and community.	Numeration system and place values.	The learner; Reads and writes words like place value, tens ones e.t.c. correctly	Defines a place value Draws tens and ones. Counts tens and ones.	Place values Drawing tens and ones. Counting and drawing tens and ones.	Group work Discussion Demonstration Guided discovery	Drawing tens and ones. Counting tens and ones.	Critical thinking. Effective communication. Creative thinking. Problem solving	Board illustration Sticks Work cards	MK Primary four Pg. 14	

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	2			The learner; Reads new words correctly. Pronounces new words correctly.	Draws tens and ones. Counts tens and ones.	Drawing and counting tens and ones.	Group work Discussion Demonstration Guided discovery	Drawing tens and ones. Counting tens and ones.	Critical thinking. Effective communication. Creative thinking. Problem solving	Sticks	MK Primary four Pg. 14	
	3			The learner; Reads new words correctly. Pronounces new words correctly.	Fills in tens and ones.	Filling in tens and ones.	Group work Discussion Demonstration Guided discovery	Filling in Tens and Ones.	Critical thinking. Effective communication. Creative thinking. Problem solving	Board illustration Sentence strip	MK Primary three Pg. 22	
	4	Our home and community.	Numeration system and place values. Place Values	The learner; Drawing, reading and writing numbers in Tens and Ones	Represents numbers on the abacus. Completes the abacus. Shows numbers on the abacus.	The abacus Representing numbers on the abacus. Completing the abacus. Showing numbers on the abacus.	Group work Discussion Demonstration Guided discovery	Representing numbers on the abacus. Completes the abacus. Shows numbers on the abacus.	Critical thinking. Effective communication. Creative thinking. Problem solving	Beads Abacus	MK Primary three Pg. 21	
	5	Our home and community	Numeration system and place	The learner; Reads, writes and uses words related to place values.	Finds place values of the given digits.	Finding the place values of the given digits.	Group work Discussion Demonstration Guided discovery	Finding place values of the given digits.	Critical thinking. Effective communication. Creative thinking. Problem solving	Place value chart	MK Primary four Pg. 20	
5	1	Our home and community	Numeration system and place	The learner; Describes words like value, place value, hundreds etc	Defines a value. Finds the value of	Defining a value. Finding the value of	Group work Discussion Demonstration Guided discovery	Finding the value of digits in the numbers given.	Critical thinking. Effective communication. Creative thinking. Problem solving	A written chart showing place values and	MK Primary four Pg. 21	

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					digits in the numbers given.	digits in a given numbers				values of numbers.		
	2	Our home and community.	Numeration system and place values.	The learner; Uses words like expand in sentences correctly.	Expands numbers using place values.	Expanding numbers using place values. Examples T O a) 4 8 = = (4 × 10) + (8 × 1)	Group work Discussion Demonstration Guided discovery	Expanding numbers using place values.	Critical thinking. Effective communication. Creative thinking. Problem solving	Sentence strip		
	3	Our home and community	Numeration system and place	The learner; Reads and writes the values correctly.	Expands numbers using values.	Expanding numbers using values	Group work Discussion Demonstration Guided discovery	Expanding numbers using values.	Critical thinking. Effective communication. Creative thinking. Problem solving	Work cards		
	4	Our home and community	Numeration system and place	The learner; Reads and writes the values correctly	Finds the expanded number.	Finding the expanded number.	Group work Discussion Demonstration Guided discovery	Finding the expanded number.	Critical thinking. Effective communication. Creative thinking. Problem solving	Counters	MK Primary three Pg. 32	
	5	THE HUMAN BODY AND HEALTH	OPERATION ON NUMBERS	The learner; Reads new words correctly. Pronounces new words correctly.	Arranges numbers according to place values.	Addition of 2 digit numbers by 1 digit number vertically without regrouping.	Group work Discussion Demonstration Guided discovery	Arranging numbers according to place Adding 2 digit numbers	Critical thinking. Effective communication. Creative thinking. Problem solving	Counters	MK Primary three Pg. 40	

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					Adds 2 digit numbers by 1 digit number vertically without regrouping.			by 1 digit number vertically without regrouping.				
6	1			The learner; Reads new words correctly. Pronounces new words correctly.	Arranges numbers according to place values. Adds 2 digit numbers by 2 digit number vertically without regrouping.	Addition of 2 digit numbers by 2 digit number vertically without regrouping.	Group work Discussion Demonstration Guided discovery	Arranging numbers for addition. Adding 2 digit numbers by 2 digit number vertically without regrouping.	Critical thinking. Effective communication. Creative thinking. Problem solving	Counters Real objects like pens, book, beads e.t.c	MK Primary three Pg. 40	
	2			The learner; Writes the regrouped numbers correctly. Uses words like carrying in sentences.	Arranges numbers according to place values. Adds 2 digit numbers by 2 digit	Addition of 2 digit numbers by 2 digit number vertically with regrouping.	Group work Discussion Demonstration Guided discovery	Arranging numbers for addition. Adding 2 digit numbers by 2 digit number vertically with regrouping.	Critical thinking. Effective communication. Creative thinking. Problem solving	Counters Real objects	MK Primary three Pg. 42	

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					number vertically with regrouping.							
	3			The learner; Reads, writes and uses words like sum, add, plus, altogether, gain, increase etc correctly	Solves word problems in addition without regrouping.	Terms used to mean addition Word problems in addition without regrouping.	Group work Discussion Demonstration Guided discovery	Solving word problems in addition without regrouping.	Critical thinking. Effective communication. Creative thinking. Problem solving	Counters Real objects	MK Primary three Pg. 41	
	4	THE HUMAN BODY AND HEALTH	OPER ATIO N ON NUMB ERS	The learner; Reads, writes and uses words like sum, add, plus, altogether, gain, increase, profit e.t.c correctly	Solves word problems involving addition with regrouping.	Word problems involving addition with regrouping.	Group work Discussion Demonstration Guided discovery	Solving word problems involving addition with regrouping.	Critical thinking. Effective communication. Creative thinking. Problem solving	Counters Real objects	MK Primary three Pg. 44	
	5	THE HUMAN BODY AND HEALTH	OPER ATIO N ON NUMB ERS	The learner; Reads, writes and uses words like subtract, difference, loose, loss, decrease etc correctly	Subtracts numbers vertically without regrouping.	Subtraction of numbers vertically without regrouping.	Group work Discussion Demonstration Guided discovery	Subtracting numbers vertically without regrouping.	Critical thinking. Effective communication. Creative thinking. Problem solving	Counters	MK Primary three Pg. 48	
7	1	THE HUMAN BODY AND HEALTH	OPER ATIO N ON NUMB ERS	The learner; Reads new words correctly.	Subtracts numbers vertically	Subtraction of numbers vertically with	Group work Discussion Demonstration Guided discovery	Subtracting numbers vertically	Critical thinking. Effective communication. Creative thinking.	Counters	MK Primary three Pg. 51	

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			NUMBERS	Pronounces new words correctly.	with regrouping.	regrouping(borrowing)		with regrouping.	Problem solving	Real objects		
	2	THE HUMAN BODY AND HEALTH	OPERATION ON NUMBERS	The learner; Reads new words correctly. Pronounces new words correctly.	Solves word problems involving subtraction without regrouping.	Word problems involving subtraction without regrouping.	Group work Discussion Demonstration Guided discovery	Solving word problems involving subtraction without regrouping.	Critical thinking. Effective communication. Creative thinking. Problem solving	Counters	MK Primary three Pg. 49	
	3			The learner; Reads new words correctly. Pronounces new words correctly.	Solves word problems involving subtraction with regrouping.	Word problems involving subtraction with regrouping.	Group work Discussion Demonstration Guided discovery	Solving word problems involving subtraction with regrouping.	Critical thinking. Effective communication. Creative thinking. Problem solving	Counters	MK Primary four Pg.45	
	4	FOOD AND NUTRITION	OPERATION OF NUMBERS.	The learner; Reads new words correctly. Pronounces new words correctly.	Multiplies numbers horizontally .	Multiplication of numbers horizontally by 2, 3, 4 and 5 digit numbers.	Group work Discussion Demonstration Guided discovery	Multiplying numbers horizontally.	Critical thinking. Effective communication. Creative thinking. Problem solving	Counters	MK Primary three Pg. 55	
	5	FOOD AND NUTRITION	OPERATION OF NUMBERS.	The learner; Reads new words correctly. Pronounces new words correctly.	Multiplies numbers vertically.	Multiplication of 2 numbers vertically by 1 digit number.	Group work Discussion Demonstration Guided discovery	Multiplying numbers horizontally.	Critical thinking. Effective communication. Creative thinking. Problem solving	Counters	MK Primary four Pg. 46 MK Primary three Pg. 60 - 63	
8	1	FOOD AND NUTRITION	OPERATION OF NUMBERS.	The learner; Reads new words correctly. Pronounces new words correctly.	Adds numbers using a number line.	Addition of numbers using a number line.	Group work Discussion Demonstration Guided discovery	Adding numbers using a number line.	Critical thinking. Effective communication. Creative thinking. Problem solving	Number line		

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