

## LA.4 DEVELOPING AND USING MATHEMATICAL CONCEPTS IN MY DAY TO DAY EXPERIENCES NUMBERS SCHEME OF WORK FOR MIDDLE CLASS 4-5 YEARS TERM III wing bnowing and distinguishing the attributes of objects

Le	arnı	ng outcome	: 1: Surveyn	ng, knowing a	ınd distinguis	shing the attributes o	f objects.					
W K	P D	MAJOR COMPET ENCE	SPECIFI C COMPET ENCE	CONTENT		COMPETENCE	TECH /METHOD S	ACTIVI TIES	IND. OF L.SKILLS & VALUES	L/AID S	REF	R E M
1	1	Orientatio n	Registrati on	Sing songs Recite the rh Tell the storio own.	,	The learner; - sings the songs recites the rhymes tells stories	explanation demonstrati on story telling	singing reciting telling stories	problem solving logical & critical thinking	Nurser y rhymes	Nursery rhymes Story books	
	2	Identifyin g relations hip and difference s between objects and shapes	Revision of shapes	Name the shi circle, rectan star, triangle,	gle, oval,	The learner; - names the shapes orally reads the words spells the words.	explanation demonstrati on question & answer	naming reading spelling	effective communicat ion confidence fluency	cut outs of shapes	Kinderga rten 2 book 1 page 31 At home with	

	3		Construc	Construct things from	The learner;	explanation	construct	problem	cut	Maths
			ting	different shapes.	- constructs things	demonstrati	ing	solving	outs of	page 8
			things	e.g.	from different	on	things	creative &	shapes	100
			from	hut car doll etc	shapes.	market stall	naming	logical	onap co	
			different		- names the shapes.	guided	forming	thinking	bottle	
			shapes.	hut	- form shapes.	discovery		responding	tops	
			1	I bпd т	- names things			to questions		
				car	constructed.			1		
	4		Read and	Reading the words.	The learner;	explanation	drawing	problem	cut	Kinderga
	7		draw the	Draw the shapes.	- draws the shapes	question &	reading	solving	outs of	rten 2
			shapes	circle	- reads the words	answer	spelling	critical	shapes	book 1
			Shap vs		- spells the words.	demonstrati	opening	thinking	onap co	page 31
				zigzag	1	on		responding	cards	
				77777				to questions		At home
				square				_		with
										Maths
				kite						page 9
				<u> </u>						
	5		Naming	Name the shapes in the	The learner;	question &	naming	effective .	cards	At home
			shapes	books.	- names the shapes	answer	reading	communicat		with
				semicircle	- reads the words	explanation	spelling	ion	cut	Maths pg 8-9
					- spells the words	demonstrati	drawing	confidence	outs of	
				l nne	- draws the shapes.	on		making choice	shapes	Kinderga rten 2
				star				CHOICE		book 1
				Star						page 31
Le	arn	ing outcome 1	I: Comparing	things according to different a	ıttributes.	1	<u> </u>	l	<u> </u>	Page 51
2	1	Showing	Compari	Compare objects using	The learner;	explanation	compari	effective	real	Longhor
		relation	ng	bogger and smaller orally.	- compares objects	question &	ng	communicat	objects	n Maths
		among	objects	e.g.	- reads the words.	answer	reading	ion	like	Practice
		things in	orally			observation		audibility	cup,	book
		serial		cup		demonstrati		confidence	jerryca	page 11
		order.				on			n,	
				jerrycan					stones	
									etc	
	1	1	1	1	ĺ		1	I		ı

			A cup is smaller A jerrycan is bigger  A B  Stone A is bigger than B  Stone B is smaller than A							
2		Compari ng objects	Compare objects using bigger and smaller. e.g. table chair  A table is bigger than a chair. A chair is smaller than a table	The learner; - compares objects using smaller and bigger reads the words - draws the objects	explanation observation question & answer	compari ng reading drawing	problem solving critical & logical thinking responding to question appropriatel y.	cards with picture of differe d size.	Longhor n Maths Practice book page 11	
3	Showing relations among things in serial order	Compari ng things	Comparing objects using heavier and lighter orally.  Ritah  Jane Jane is heavier than Ritah Ritah is lighter than Jane	The learner; - compares the objects using heavier and lighter reads the words - observes children sitting on the seasaw.	explanation observation demonstrati on question & answer	compari ng reading observin g	problem solving logical & critical thinking	seasaw	Improve your Maths std 1 pg 17,18 At home with Maths page 26	
4	-	Compari ng things	Compare using longer ans shorter orally. rope snake  A rope is longer than a snake A snake is shorter than a rope.	The learner; - compares the objects using shorter and longer reads the words observes the objects well.	observation question & answer explanation	compari ng reading observin g	problem solving creative thinking responding to question appropriatel y.	real objects like pencils, sticks	At home with Maths page 12	

			pencil stick  A pencil is shorter than a stick.  A stick is longer than a pencil.						
	5	Comparing three or more objects	Compare usign tallest and shortest.  tree girl  A tree is taller than a girl. A girl is shorter than a tree.	The learner; - compares the objects using taller and shorter reads the words - spell the words - draws the pictures	explanation observation question & answer demonstrati on	compari ng reading spelling drawing	effective communicat ion audibility confidence	real objects e.g trees, childre n in the class	Longhor n Maths Practice book page 12
3	1	Comparing more thing		The learner; - compares objects using longest and shortest spell the words and reads them.	observation question & answer explanation market stall	compari ng reading spelling	problem solving critical & logical thinking	real objects like the sticks, rulers etc	At home with Maths page 12
7	2	Comparing three or more objects	Compare using tallest and shortest.  tallest tall shortest shorter short sing, describing and representing	The learner; - compares objects using tallest & shortest reads the words spells the words draws the objects.	explanation questions & answer observation	compari ng reading spelling drawing	problem solving creative, critical & logical thinking	real objects like trees, people	Longhor n Maths Practice book page 12

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	3	Counting	Counting	Count and recite the	The learner;	explanation	counting	problem	numbe	Mk	
		things	and	numbers.	- counts the	demonstrati	reciting	solving	r cards	Themati	
		and	reciting	0, 1, 2, 3, 4, 5, 6, 7,	numbers 0-30.	on		making		c Maths	
		numbers	numbers	8, 9, 10, 11, 12, 13, 14	- recites the	question &		choice	counter	Practice	
			from 0-30	15, 16,30	numbers 0-30	answer		taking		bk page	
								decision		30	
	4		Fill in the	Fill in the missing	The learner;	explanation	filling in	effective	numbe	At home	
			missing	numbers.	- fills in the missing	demonstrati		communicat	r cards	with pg	
			numbers	0, 1, 2, <u>3</u> , 4, 5,, 7	numbers.	on	reciting	ion	counter	16	
			0-20	8, 9, 10, <u>11</u> , 12,, 14	- recites the	question &	recognisi	confidence		Fun with	
				15,, 16,, 19 20	numbers.	answer	ng	audibility		counting	
				,, ,,	- recognises			responding		pg 10 &1	
					numbers.					1	
	5	Counting	Counting	Write the numbers 21-30.	The learner;	explanation	writing	problem	bottle	Kinderga	
		things	, copying	21 22 23 24 25 26	- writes the	observation	counting	solving	tops	rten bk 2	
		and	and	27 28 29 30	numbers	market stall	copying	logical &	1	page 11	
		numbers	writing	Count the numbers	- counts the		117 8	critical	numbe	1	
			numbers	Copy the numbers	numbers			thinking	r cards		
			21-30		- copies the						
					numbers						
4	1		Fill in the	Fill in nthe missing	The learner;	demonstrati	fill in	problem	bottle	Kinderga	
			missing	numbers.	- fills in the missing	on	reading	solving	tops	rten bk 2	
			21-30	21, 22,	number.	question &	recognisi	creative,	1	page 11	
				24, 25, 26	- reads the numbers	answer	ng	logical &	numbe	1 0	
				26, 27, <u>28, 29,</u> 30	- recognises	explanation		critical	r cards		
				27, 28,, 30	numbers	1		thinking			
	2		Write the	Write the next number.	The learner;	explanation	writing	problem	numbe	Kinderga	_
			next	20, 21, 22	- writes the next	demonstrati	reading	solving	r cards	rten bk 1	
			number	24, 25, 26,	number.	on	identifyi	critical &		page 11	
				26, 27, 28,	- reads the	question &	ng	logical	counter		
				23, 24, 25, 26,	numbers.	answer		thinking			
				' ' ' '	- identifies the			responding	]		
					numbers.			to questions			
	3		Write the	Write the number after.	The learner;	questions &	writing	•	flash	Kinderga	
			number	2 <u>3</u> 6	- writes the number	answer	reciting	problem	cards	rten bk 1	
			after	20 24	between.	explanation	identifyi	solving		page 11	
				10 29 30		F	ng		]	1	
	1		l	<u>- / / / / / / / / / / / / / / / / / / / / / / / / / / / / / / / / / / / / / / / / / / / / / / / / / / / / / / / / / / / / / / / / / / / / / / / / / - / / / / / / / / / / / - / / / / / / / / / / / - / / / / / / / / / / / - / / / / / / / / / / / - / / / / / / / / / / / - / / / / / / / / / / / - / / / / / / / / / / / - / / / / / / / / / / / - / / / / / / / / / / / - / / / / / / / / / / / - / / / / / / / / / / / - / / / / / / / / / / / - / / / / / / / / / / / / / / / / / / / / / / / / / / / / / / / / / / / / / / / / / / / - / / / / / / / / / / / / / / / / / / / / / / / / / / / / / / / / / / / / / / / / / / / / / / / / / / / / / / / / / / / / / / / / / / / / / / / / / / / / / / / / / / / / / / / / / / / / / / / /</u>	l .	l	<del>-</del>		1		

	4		Write the number between	5 16  Write the number between.  1 _2 3          7 9	- recites the numbers identifies the numbers.  The learner; - writes the numbers between recites the numbers - identifies the numbers	demonstrati on question & answer explanation demonstrati on	writing reciting identifyi ng	critical & logical thinking  problem solving critical & logical thinking	wall cards flash cards wall cards	Kinderga rten bk 2 page 11	
	5		Write the number before	Write the number before.  _4	The learner; - writes the number before recites the numbers.	explanation demonstrati on market stall question & answer	writing reciting	effective communicat ion confidence responding to question	numbe r cards	Kinderga rten bk 2 page 11	
5	1	Counting things and numbers	Circle the correct number	Circle the correct number orally $\triangle$ $\triangle$ $\triangle$ $\bigcirc$	The learner; - circles the correct number - counts the objects - read the numbers	explanation demonstrati on question & answer	circling counting reading	Effective communicat ion confidence audibility responding to questions	flash cards numbe r cards	Kinderga rten bk 2 page 11	
	2		Circle the correct number	Circle the correct number $\varepsilon$ m 3 w 6 4 5 1 /	The learner; - circles the correct number reads the numbers recognises the numbers well.	explanation observation question & answer	circling reading recognizi ng	problem solving logical & critical thinking responding to questions	numbe r cards	Mathem atics activities for pre- primary 2 page 18	

				<u> </u>							
	3		Shade for	Shade for the given	The learner;	explanation	shading	problem	counter	At home	
			the given	number.	- shades the balls	demonstrati	reciting	solving		with	
			number		for the given	on	counting	critical &		Maths	
				4	number.	jig saw		logical			
				=	- recites the	question &		thinking			
					numbers.	answer		C			
				6=()()()()()	- counts the objects.						
				3=							
				2=0							
				5= ()							
	4		Count	Count the shaded balls	The learner;	explanation	counting	creative &	counter	At home	
			the	and write the numbers.	- counts the shaded	demonstrati	writing	logica1	like	with	
			shaded	<b>∅∅∅∅∅</b>	balls.	on	reciting	thinking	bottle	Maths	
			balls		- writes the	question &			tops,		
				<b>(96) (9</b> ) =7	numbers	answer		responding	counti		
				000	- recites the			to questions	ng		
				<b>3</b>	numbers.				sticks		
				<b>(2)</b> =4							
				<b>*************************************</b>							
	5		Count	Count the objects and	The learner;	explanation	counting	effective	flash	Little for	
			and write	write the number.	- counts the objects	observation	writing	communicat	cards	number	
				<b>Ö∂Ö</b> ₫₹₽Ö₽ =7	- writes the	demonstrati	reciting	ion		book	
					numbers	on		confidence	real	page 3-	
				<u> </u>	- recites the	question &		responding	objects	12	
					numbers	answer		to questions	counter		
6	1	Counting	Draw for	Draw objects for the	The learner;	explanation	drawing	critical	real	Little	
		things	the	given number.	- draws objects for	demonstrati	reciting	thinking	objects	star	
		and	number		the given number.	on	recognisi	selecting		number	
		numbers			- recites the	question &	ng	and	ball	book	
				2 = 🌄	numbers.	answer	counting	evaluating	counter	page 3-	
				4 =	- recognises the			for the		12	
				6 =	numbers.			information			

			3 =	- counts the objects						
2		Count and write	Count and write  A cow haslegs  A boy has eyes.	The learner; - counts the legs of the cow counts the eyes writes the number	explanation demonstrati on question & answer	counting writing	effective communicat ion confidence responding to questions	real objects like boys, girls, table	Teachers collectio n	
3		Revision of number named words	Write the number names/words (0-10) 0 - zero 6 - six 8 - eight 3 - three 10 - ten	The learner; - writes the number names reads the numbers names - spells the number names.	explanation market stall demonstrati on	writing reading spelling	friendship formation using polite language sharing	flash cards papers pencils	At home with Maths page 16	
4		Copy, read and spell number words 11- 15	Copy, read and spell the number names/words.  11 eleven 12 twelve 13 thirteen 14 fourteen 15 fifteen	The learner; - copies the number words reads the number names spells the number names	explanation demonstrati on	copying reading spelling	co-operation sharing care	wall charts for numbe rs and words or names	At home with Maths page 16	
5		Match numbers with words 11- 15	Match numbers to words.  11 thirteen 12 fourteen 13 fifteen 14 eleven 15 twelve	The learner; - mathces numbers to words reads the words spells the words - writes the words.	explanation demonstrati on market stall	matching reading spelling writing	problem solving critical thinking logical reasoning	flash cards numbe r cards	At home with Maths page 16	
7 1	Counting things and numbers	"x" the correct word for the number	"x" the correct word for the number. 6 six two nine 2 three five two 9 one nine ten	The learner; - puts "x" on the correct word for the number.	explanation demonstrati on	putting 'x' reciting reading spelling	problem solving critical & logical thinking	flash cards	At home with Maths page 16	

		7 one seven zero 10 eight three ten	- recites the number. - reads the words - spells the words.	question & answer				
2	Read and write the number	Read the words and write the number 0-10 five 5 eight nine zero seven 7	The learner; - reads the words spells the words writes the numbers for the word.	explanation observation question & answer	reading spelling writing	creative & logical thinking responding to questions appropriatel y	numbe r cards	At home with Maths page 16
3	Count and write the number word/na me	Count and write the number names. 0-10	The learner; - counts the objects - writes the number word - reads the words - spells the words.	explanation demonstrati on jigsaw	counting writing reading	friendship formation using polite language co-operation	real objects e.g tins, bottles pencils	Little star number book page 3- 12
4	Adding objects without numbers	Add objects without numbers.	The learner; - adds the objects - counts the objects - recites the numbers - draws the objects	demonstrati on question & answer	adding counting reciting drawing	problem solving confidence responding to questions	real objects chairs sticks boxes	Kinderga rten Maths book 4 page 5
5	Adding objects with numbers	Add objects with numbers  + = 4 4 + 3 = 7	The learner; - adds objects - adds the numbers - recites the numbers draws the objects	explanation demonstrati on question & answer	adding reciting drawing	problem solving logical & critical thinking confidence	books counter cards	Kinderga rten Maths book 4 page 5

things numbers 2 + 2 = 4 - adds numbers 0-5 demonstrati reciting solving objects reciting	inderga en Iaths
	-
	Taths
	Iddio
numbers 2 + 1 = numbers question & facts tins box	ook 4
- counts the balls on answer taking a cards page	age 5
3+2= the numbers.	
2 Add Add numbers 6-10 The learner; explanation adding problem real My	1y
	econd 2
6-10   10   on   counting   responding   sur	ım
	ook
	age 15
5+5=   counts the balls on   statements	
the numbers.	
3 Word Solve the given word The elarner; explanation solving problem numbe Tea	eachers
	ollectio
2 and 1 equals 3 word problem on reciting critical & words n	
- reads the word   question &   counting   logical   cards	
3 plaus 2 makerecites the numbers answer thinking real	
- counts the balls. objects	
s add 2 equals	
	eachers
	ollectio
problem. on reciting responding cards n	
3 add 3 equals reads the words.   question &   counting   to questions   numbe	
- recites the answer analyzing r cards	
6 plaus 1 make numbers statement real	
- counts the balls. objects	
	inderga
	en two
	<b>I</b> aths
	ook
	page 21
on confidence pencils	Puge 21
chairs	
A group of chairs	

				A group of books.							
9	1	Telling more equal and less quantities	Definitio n of a set and naming sets.	A set is a group of things or objects.  Name the sets.  A set of 4 sticks.  A set of 2 girls.	The learner; - defines a sset names the sets draws the sets.	explanation observation question & answer	defining naming drawing	effective communicat ion fluency confidence accuracy	real objects like sticks, girls, boys, girls etc	Kinderga rten two Maths book 1 page 21	
	2		Drawing sets	Draw the sets. A set of 3 books.  A set of 2 boys.  A set of 4 cups.	The learner; - draws the sets names the sets - counts the objects in the set.	explanation demonstrati on question & answer	drawing naming counting	critical thinking analyzing statements	real objects	Kinderga rten two Maths book 1 page 21	
	3		Joining sets	Join the given sets. $ \begin{array}{cccccccccccccccccccccccccccccccccc$	The learner; - joins the given sets counts the objects in the given sets.	explanation demonstrati on	joining sets counting	problem solving finding different things making choice	real objects	Kinderga rten two Maths book 1 page 21	
	4		Matching sets orally	Match the sets  4 5 3	The learner; - matches the sets observes the objects in the sets.	explanation observation demonstrati on	matching observin g	critical thinking responding to questions analyzing statements	pencils chairs table cups	Kinderga rten two Maths book 1 page 21	

For more schemes of work, visit www.uganda.madpath.com

Le	arni	ng outcome v	: Understand	ing and using concept of time.						
	5	Followin g time intervals	Telling time of the day	Tellign specific time for events orally. Come to school 8:00 o'clock Break time – 10:00 o'clock Lunch time 1:00 o'clock Going back home 1:00 o'clock	The learner; - tells specific time for events.	explanation demonstrati on	telling time	critical thinking responding to questions	clock	Teachers collectio n
1 0	1	Followin g time intervals	Talking about and drawing things that tell us time	Draw things that tell us time and aname them.  sun  T.V  phone bell clock  radio	The learner; - draws things that tell us time names the things that tell us time.	explanation demonstrati on guided discovery	drawing naming	problem solving critical thinking	real objects	Teachers collectio n
Le	arni			ng, describing and using money						
	2	Identifyin g types of money features	Types of money	Observing and identifying type sof money (coins) e.g. sh 50 sh 100 sh 200 sh 500	The learner; - observes the types of money identifies the types of money.	observation explanation guided discussion	observin g identifyi ng	effective communicat ion confidence audibility love	money	At home with Maths page 24
	3		Types of money	Observe and identify type sof money (notes) e.g. sh 1000 sh 2000 sh 5000 sh 10,00	The learner; - observes the types of money identifies the money shown	observation demonstrati on explanation	observin g & identifyi ng types of money.	effective communicat ion love confidence	money notes	Mk Themati c Maths Practice bk 1 page 78
	4		Shopping	Play a shopping game using words like change, How much?	The learner; - buys the items in shop.	observation demonstrati on	buying selling	effective communicat ion	shop	Mk Themati c Maths

		sh 200 sh 500 sh 300	- sells the items in a shop.			co-operation sharing		Practice bk 1 page 78	
5	Shopping	Playign a shopping game using money.  500 300 50	The learenr; - buys the items in the shop sells the iems in the shop.	observation demonstrati on	buying selling	co-operation sharing	shop		