


















LA.4 DEVELOPING AND USING MATHEMATICAL CONCEPTS IN MY DAY TO DAY EXPERIENCES
NUMBERS SCHEME OF WORK FOR BABY CLASS 3-4 YEARS TERM III



Learning outcome I: Surveying, knowing and distinguishing the attributes of objects.








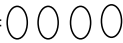

W K	P D	MAJOR COMPET ENCE	SPECIFI C COMPET ENCE	CONTENT	COMPETENCE	TECH /METHO DS	IND. OF L.SKILLS & VALUES	ACTIVITIE S	L/AID S	REF	R E M
1	1	Orientati on	Classifyin g and ordering things	A song for shape. Shapes titled, "I love my shapes"	The learner; - sings a song	Explanatio n Observatio n	Together ness respondin g	singing identifying	Flash cards	Nursery Aid book 1 page 10	
	2	Classifyin g and ordering things	Shapes	Building shapes using different objects. e.g. 	The learner; - names the shapes orally. - Identifies the shapes - builds the shapes	Explanatio n Observatio n	Logical thinking discovery	naming identifying building	bottle tops straws stones		
	3	Classfyin g and ordering things	Sorting	Sorting objects and the shapes. e.g. 	The learner; - names the shapes orally. - identifies the shapes.	Explanatio n Observatio n	Together ness Love and care respondin g	naming identifying sorting	Flash cards	Nursery Aid book 1 page 10 and 11	

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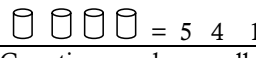


					- sorts objects and shapes.						
	4	Classfyin g and ordering things	Drawing	Name the shapes orally. e.g  Copy and draw the shapes.	The learner; - names the shapes orally. - identifies the shapes. - draws the shapes.	Explanatio n Demonstra tion Question & answer	Respon di ng togethern ess	naming identifying drawing	Flash cards and the chalk board illustrati on		
2	1	Classfyin g and ordering things	Drawing	Name the shapes orally. e.g      Copy and draw the shapes.   	The learner; - names the shapes orally. - identifies the shapes - draws the shapes.	Explanatio n Observatio n question & answer	Together ness patience co-operation	naming identifying drawing	Flash cards The wall cards and the chalkbo ard illustrati on	Nursery Aid book 1	
	2	Classfyin g and ordering things	Matching	Name the shapes orally. Match the same shapes. e.g.    	The learner; - names the shapes orally. - identifies the shapes - matches the same shapes.	Explanatio n Observatio n question & answer	creative thinking taking a decision	naming identifying matching drawing	wall cards and the chalkbo ard	Mathe matics activitie s for pre-primary 2 (level 3)	
	3	Classfyin g and	Drawing	Name the shapes orally.	The learner; - names the shapes	Explanatio n	accuracy	naming identifying	Wall cards		

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		ordering things		Read and draw star, oval, kite	- identifies the words - reads and draw the shapes.	question & answer	problem solving making a decision	reading drawing	chalkboard illustration							
	4		Circling	Name the shapes orally. Circle the correct word of the shape. e.g. <div> star circle</div> <div> triangle oval</div>	The learner; - names the shapes orally. - identifies the shapes - circles the correct word.	Explanation demonstration question & answer	making a decision accuracy	naming identifying reading drawing circling	Wall cards chalkboard illustration	Mathematics activities for pre-primary 2						
3	1	Showing relations among things in serial order.	Counting numbers 0-10	Counting numbers 0-10 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10 Recognising numbers 0-10	The learner; - counts numbers 0-10 - recognizes numbers 0-10	question and answer	effective communication	counting recognizing	flash card	Fun with counting page 10						
	2		copying numbers 0-10	Counting numbers 0-10 orally. Copying numbers 0-10 <div><table><tr><td>0</td><td>1</td><td>2</td><td>3</td><td></td></tr></table></div>	0	1	2	3		The learner; - counts numbers 0-10 orally. - copies numbers 0-10	explanation demonstration	Taking a decision evaluation facts	counting copying	number cards	Fun with counting page 10	
0	1	2	3													
	3	Showing relations among things in serial order	Write the next number	Writing the next number. 0 – 5. 0 _____ 0, 1, _____ Identifying the next number.	The learner; - write the next number. - identifies the next number.	explanation demonstration	evaluating the facts	writing identifying	number cards	Fun with counting page 10						
	4		Circle the correct number	Circling the correct number. e.g 3 ε ∃ 4	The learner; - circles the correct numbers. - recognizes the correct numbers.	demonstration questions & answer	Logical presentation of ideas	circling recognizing	chalkboard illustration	Fun with counting						

4	1	Showing relations among things in serial order	counting objects and write	Counting numbers 0-10 orally. Counting objects and write.  = 2  = 3	The learner; - counts numbers orally 0-10 - counts objects and writes the number.	explanation demonstration	logical presentation of ideas	counting writing	counter	Fun with counting	
	2		Count and write	Counting numbers orally 0-10 Counting objects and write. e.g.  =  =	The learner; - counts number orally 0-10 - counts objects and write the numbers.	explanation demonstration	logical presentation of ideas confidence	counting writing	counting objects	Fun with counting	
	3	Showing relation among things in serial order	Counting the shaded balls.	Counting objects e.g. balls, cups Counting the shaded balls  = 1  =	The learner; - counts objects - counts and writes the number of the shaded objects.	explanation demonstration	following instruction confidence	counting writing	counter	Fun with counting	
	4		Shading objects for the given number.	Recognising numbers 2, 4, 3, 1 Shading object for the numbers. 1 =  2 =  4 = 	The learner; - recognizes numbers 1, 2, 3, 4 - shades objects for the numbers.	explanation demonstration	critical thinking logical presentation of ideas	recognizing shading	counter	Fun with counting number	

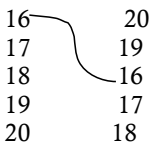
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5	1	Showing relations among things in serial order	Ringing the correct number of objects.	Counting numbers orally 0-10 Ringing the correct number for the objects. e.g.  	The learner; - counts numbers orally 0-10 - ring the correct number for the objects.	question & answer explanation	Problem solving decision making	counting ringing	counter	Mathe matics activitie s for pre- primary page 26.											
	2		count and match	Counting numbers orally 0-10 Count objects and match to the number. e.g  	The learner; - counts numbers orally 0-10 - counts objects and matched to the number.	explanatio n demonstrat ion	discovery	counting matching	chalkbo ard illustrati on												
	3	Showing relations among things in serial order	Counting	Counting number 0-15 orally Recognising numbers 0-15	The learner; - counts numbers 0-15 orally. - recognizes numbers 0-15	questions and answer	fluency effective communi cation	counting recognizing	number cards	Fun with countin g page 10											
	4		Copying numbers from 11-15	Counting numbers orally 0-15 Copying numbers 11-15 <table border="1" data-bbox="396 854 647 938"><tr><td>11</td><td>12</td><td>13</td><td>14</td><td>15</td></tr><tr><td></td><td></td><td></td><td></td><td></td></tr></table>	11	12	13	14	15						The learner; - counts numbers 0-15 - copies numbers 11-15	explanatio n demonstrat ion	critical thinking logical presentati on of ideas	counting copying	number cards	Mathe matical act. For pre- primary page 26	
11	12	13	14	15																	
6	1	Showing relations among	Matching the same numbers.	Recognising numbers 11-15	The learner; - recognizes numbers 11-15	explanatio n	critical thinking	recognizing matching	chalkbo ard												

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		things in serial order		Matching the same numbers 11-15 e.g. 11 15 15 11	- matches the same numbers 11-15	demonstration	decision making		illustration												
	2		Oral identification of numbers	Counting numbers orally 0-15. Orally identification of numbers. 11 - 15 11, 12, 13, 14, 15	The learner; - counts numbers orally 0-15 - recognizing numbers 11-15	question and answer	logical presentation of ideas	counting identifying	cards	Fun with counting number											
	3	Showing relations among things in serial order	Tick the different number	Counting numbers orally 0-15 Tick the different number e.g. 4 6 4 5 6 6	The learner; - counts numbers orally. - ticks the different number.	explanation demonstration	accuracy decision making	counting ticking	chalkboard illustration	Mathematical act. For pre-primary page 28											
	4		Counting objects orally 0-15	Counting numbers orally 0-15 Recognising numbers 0-15	The learner; - counts numbers 0-15 - recognizes numbers 0-15	explanation demonstration	confidence logical thinking	counting recognizing	cards	Mathematical activities for pre-primary page 19											
7	1	Enumerating numbers	Counting from 0-20	Counting from 0-20 orally Identifying numbers 0-20	The learner; - counts numbers orally 0-20 - identifies numbers 0-20	explanation question & answer	confidence fluency	counting identifying	number cards												
	2		Writing numbers 16-20	Writing numbers 16-20 <table border="1"><tr><td>16</td><td>17</td><td>18</td><td>19</td><td>20</td></tr><tr><td></td><td></td><td></td><td></td><td></td></tr></table>	16	17	18	19	20						The learner; - counts numbers 0-20 orally - copies numbers 16-20	explanation question and answer	fluency logical presentation of ideas	counting copying	number cards		
16	17	18	19	20																	




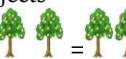


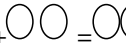

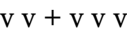
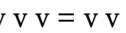

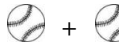
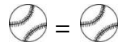


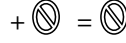

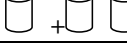
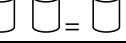

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	3	Enumerating numbers	Matching the same numbers 16-20	Matching the same numbers 16-20 	The learner; - identifies numbers 16-20 - matches numbers 16-20	explanation demonstration	accuracy logical presentation of ideas	matching identifying	chalkboard illustration	Mathematical activities for pre-primary page 10	
	4	Enumerating numbers	Identify numbers 11-20	Identify numbers 11- 20 11 12 13 14 15 16 17 18 19 20	The learner; - identifies numbers 11-20	explanation question and answer	responding to questions self reliance	identifying	number cards		
8	1		Number words	Copy numbers and words 0-3 0 - zero 1 - one 2 - two 3 - three	The learner; - copies numbers and words 0-3 - reads the words. zero one two three	explanation chalk and talk	responding to questions	copying	chalkboard illustration	Mathematical activities for pre-primary	
	2	Enumerating numbers	Match numbers to words 0-3	Match numbers to words 0-3 0 three 1 two 2 one 3 zero	The learner; - matches numbers to words. - recognizes the words.	explanation demonstration	logical presentation of ideas	matching	chalkboard illustration		
	3		Number words	Copy numbers and words 4 -7 4 four 5 five 6 six 7 seven	The learner; - copies numbers and words 4 - 7 - recognizes words four to seven	look and say	confidence accuracy	copying recognizing	flash cards	Mathematical activities for pre-primary page 10	
	4	Enumerating numbers	Number words	Tick the correct number word 4-7 e.g. 4 - five four six 5 - four five	The learner; - ticks the correct number words.		effective communication	ticking recognizing	chalkboard illustration		

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				6 - two six 7 - seven six	- recognizes the words.		following instructions				
9	1		Number words	Read numbers and words orally. e.g. 0 zero - 10 ten Copy and learn numbers with word from 7 seven up to 10 – ten.	The learner; - reads figures and words. - identifies figures and words. - copies and learn figures and words.	explanation demonstration	effective communication following instructions	reading identifying copying	flash cards chalkboard illustration	Mathematics activities for pre-primary 2	
	2			Read numbers and words from 0 zero to 10 – ten. Match numbers to words. e.g. 7 eight 8 nine 9 seven	The learner; - reads figures and words. - identifies figures and words. - matches numbers and words	explanation demonstration question & answer	confidence audibility accuracy	reading identifying writing matching	flash cards chalkboard illustration		
Learning outcome: Recognising, describing and representing numbers and their relationship and solving mathematical problems.											
	3	Enumerating numbers	Dominoes (game of number words)	Playing game of numbers and words.	The learner; - identifies figures and words. - plays games of numbers and words.	explanation demonstration	interacting with others discovery togetherness co-operation	identifying playing	A board and small cards	Mathematics activities for pre-primary 2	
	4		Number words	Oral reading of number and words from 0 – zero up to 10 – ten	The learner; - reads numbers and words.	explanation	interacting with other friendship formation	reading	flash cards		
10	1	Enumerating objects	Addition of objects	Add objects practically 1 – 5 i.e.	The learner; - adds objects practically.	explanation	togetherness discovery	adding	real objects	Mathematics activities	

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				 + =  + =		demonstration observation				s for pre- primary 2	
	2			Add objects  +  =   +  =   +  = 	The learner; - adds objects in books.	explanation demonstration observation	confidence audibility discovery	adding	real objects chalkboard illustration		
	3	Enumerating objects	Addition of objects	Add objects from 1-5  +  =   +  =   +  = 	The learner; - counts numbers 1-20 orally. - reads numbers 0-20 - adds objects 1-5 in books.	explanation demonstration observation	confidence audibility discovery	counting reading adding	real objects chalkboard illustration	Mathematics activities for pre- primary 2	
	4		Addition of numbers	Add numbers 1 – 5 i.e. 1 + 1 = 2 2 + 1 = 3 + 2 = 1 + 4 =	The learner; - counts numbers 1-20 orally. - reads numbers 1 – 20 - adds numbers in books 1 – 5.	explanation demonstration observation	togetherness discovery confidence accuracy	counting reading adding	real objects chalkboard illustration		
1 1	1	Enumerating numbers	Addition	Add number 1 – 5 i.e. 3 + 2 = 4 + 1 = 2 + 1 = 1 + 1 =	The learner; - counts numbers 1-20 orally. - reads numbers 0-20 orally - identifies numbers 0 – 20 - adds numbers 1-5 in books.	explanation observation chalk and talk	togetherness confidence discovery	counting reading identifying adding	real objects chalkboard drawn balls	Mathematics activities for pre- primary 2	

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Learning outcome (V): Understanding and using the concept of time.											
	2	Enumerating numbers	Time	Oral time according to activities done in the day. i.e. I come to school at 8:00 o'clock. I go for break at 10:00 0'clock lunch time and going home.	The learner; - recites a rhyme titled, "When I wake up....." - practices daily routine activities.	explanation observation	responding togetherness	reciting mentioning		Mathematics activities for pre-primary 2	
	3			Daily routine activities with real time orally. i.e. I wake up at 6:00 o'clock. I come to school at 8:00 o'clock. I go for break at 10:00 0'clock. Lunch time and going home.	The learner; - recites a rhyme titled, "Tick tack tick tack....." - mentions the daily routine activities with the learner.	explanation observation	responding observation	reciting mentioning			
Learning outcome (VI): Recognising, describing and using money.											
	4		Money	Reciting a rhyme titled, "To make x2 to make to day....."	The learner; - recites the rhyme	explanation	togetherness friendship formation	reciting			
1 2	1	Recognising money according to different denominations	Money	Role play using money. i.e. A buyer and a seller acting in a shop.	The learner; - recites a rhyme titled, "To market x2 to market today....." - does the role play	explanation demonstration	friendship formation togetherness	reciting playing	Our toy shop, toy money and real coins	Mathematics activities for pre-primary 2	
	2			Shopping game	The learner; - recites a rhyme for shopping titled, I'm going to the market....	explanation demonstration	friendship formation	reciting playing	Our toy shop toy money		

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					- plays a shopping game.				and the coins		
	3			Uses of money	The learner; - recites a rhyme about money. - tells the use of money.	explanation	friendship formation togetherness	reciting telling		Mathematics activities for pre-primary	
	4			Caution about money. i.e. You should not put coins in mouth. You should not pick money when you are not given. You should not get money from strangers.	The learner; - recites a rhyme about money. - tells the dangers of money.	explanation	friendship formation togetherness	reciting telling	coins	2	