














SCHEME OF WORK FOR NUMBERS FOR TOP CLASS TERM II

LEARNING AREA: DEVELOPING AND USING MATHEMATICAL CONCEPTS IN MY DAY TODAY EXPERIENCES

WK	PD	LEARNING OUTCOME	COMPETENCE	Content / suggested development al activities	METHODS	ACTIVITIES	INSTRUCTIONAL MATERIALS	REF	RM
1		Surveying, knowing and distinguishing the attributes of objects.	I can identify relationship and differences between different objects and shapes	- Read and draw A circle  A square  A star  An oval  Rectangle  Triangle  Zig zag Kite  Name the shapes   Read and match 	Explanation Discussion Demonstration Question and answer Explanation Discussion Demonstration Question and answer	Reading Drawing Naming shapes Identifying	Real objects Cut out of shapes Paper work Exercise books and pencils Blackboard Real objects Cut out of shapes Paper work Exercise books and pencils		







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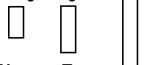




				<div>Circle</div> <div>Star</div> <div>Oval</div> <div>Cone</div> <div></div> <div>Modeling the shapes</div> <div>Pasting shapes with torn papers/ cereals</div> <div>Painting / tearing the shape</div>			Blackboard		
2	Surveying, knowing and distinguishing the attributes of objects.	I can identify relationship and differences between different objects and shapes	<div>Find the missing letters of the shape names</div> <div>sq__re</div> <div>cir__le</div> <div>train__le</div> <div>ov__l</div> <div>re__tangle</div> <div>zi__zag</div> <div>s__ar</div> <div>Making patterns using the shapes</div> <div>Forming objects using the patterns e.g. house, boat, girl, car</div>	<div>Explanation</div> <div>Discussion</div> <div>Demonstration</div> <div>Question and answer</div> <div>Ticking</div> <div>Underlining</div> <div>Circling</div> <div>Crossing</div>	Naming shapes	<div>Real objects</div> <div>Cut outs of shapes</div> <div>Paper work</div> <div>Exercise books and pencils</div> <div>Blackboard</div>			
3	Recognizing describing and representing numbers and their relationships and solving mathematical problems with competence and confidence	I can recognize numbers 1-20	<div>- Counting numbers 0 – 30 orally</div> <div>1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30</div> <div>Copying numbers</div> <div>Find the missing number</div> <div>- Write numbers 0 – 30</div> <div>0, 1, 2,, 4,, 6,, 8, 9,11, 12,, 14, 15,20, 21, 22, ...</div> <div>24...., 26,28, 29,</div> <div>Finding the next number using what number comes just after</div> <div>13, __,</div> <div>15, __,</div> <div>17, __, etc</div>	<div>Explanation</div> <div>Discussion</div> <div>Demonstration</div> <div>Question and answer</div>	<div>Counting numbers</div> <div>Writing numbers</div> <div>Subtract numbers</div> <div>Identifying the numbers</div> <div>Arrange the number</div>	<div>Flash cards</div> <div>Real objects</div> <div>Books and pencils</div> <div>Work cards</div> <div>Blackboards</div> <div>Calendars</div>			

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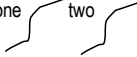

				What number comes before ___ 21 ___, 29 ___, 14					
4		Recognizing describing and representing numbers and their relationships and solving mathematical problems with competence and confidence		Number rhyme / song involving subtraction Take away using objects c c c t t = 3 a a a a a = o o o o o = Δ Δ Δ Δ Δ = Take away involving numbers Δ Δ Δ Δ Δ $5 - 1 = 4$ O O O O O $4 - 2 = 2$ V V V V $3 - 0 = 3$ - Take away O O O O O = ___ - ___ = t t t t t = ___ - ___ = 3 000 200 5 ///// $\begin{array}{r} 3 \\ -2 \\ \hline \end{array}$ $\begin{array}{r} 2 \\ -0 \\ \hline \end{array}$ $\begin{array}{r} 5 \\ -5 \\ \hline \end{array}$	Explanation Discussion Demonstration Question and answer	Subtracting objects Subtracting numbers Drawing objects Counting correctly Writing correctly Count the objects Draw objects Write the number correctly	Flash cards Real objects Books and pencils Work cards Blackboard		
5		Recognizing describing and representing numbers and their relationships and solving mathematical problems with	I can count, add and takeaway things up to twenty	Reciting a number rhyme involving addition Adding three addend numbers $1 + 1 + 1 = 3$ $4 + 2 + 4 =$ $3 + 1 + 2 =$ $6 + 3 + 1 =$ $4 + 1 + 2 =$ $5 + 2 + 4 =$ $3 + 3 + 3 =$	Explanation Discussion Demonstration Question and answer	Counting Adding numbers Drawing counters e.g. balls Arranging numbers Writing numbers correctly	Flash cards Counters Books Charts Real objects Exercise books and pencils Blackboard		

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		competence and confidence		Adding vertically $\begin{array}{r} 3 \\ 3 \\ +1 \\ \hline \end{array}$ $\begin{array}{r} 5 \\ 2 \\ +6 \\ \hline \end{array}$ $\begin{array}{r} 4 \\ 2 \\ +1 \\ \hline \end{array}$					
6		Recognizing describing and representing numbers and their relationships and solving mathematical problems with competence and confidence	I can show relations among things in cereal order	- Use of full, empty, half, more, less  - Read and match  full  empty  half - Less  Which tin has less water? Tin ____ has less water than tin ____.  Which tin has more milk? Tin F has more milk than tin K.	Discussion Demonstration Question and answer	Reading words Drawing pictures Filling containers with water Matching correctly Identify tines Comparing Writing words Underline, circle, ring, tick, cross	Flash cards Counters Books Charts Real objects Exercise books and pencils Blackboard		

		Recognizing describing and representing numbers and their relationships and solving mathematical problems with competence and confidence		<p>Comparing the length of objects</p> <p>New words:</p> <p>Short, shorter, shortest</p>  <p>Long, longer, longest</p>  <p>N T</p>  <p>Pencil _____ is shorter than pencil _____.</p> <p>B C</p>  <p>Tree _____ is longer than tree _____.</p>	<p>Explanation</p> <p>Discussion</p> <p>Question and answer</p> <p>Comparison</p>	<p>Finding length of objects using strings in group.</p> <p>Identifying objects</p> <p>Draw objects</p> <p>Writing statements</p>	<p>Real objects</p> <p>Flash cards</p> <p>Black board</p> <p>Illustration</p> <p>Exercise books and pencils</p>		
		Recognizing describing and representing numbers and their relationships and solving mathematical problems with competence and confidence		<p>- Comparing of heights using different objects .</p> <p>Use of tall, taller, tallest</p> <p>Mary Sarah</p>  <p>Tall taller tallest</p> <p>_____ is taller than _____.</p> <p>- Use of short, shorter, shortest</p> <p>Z B</p>  <p>Tree _____ is shorter than tree _____.</p>	<p>Demonstration</p> <p>Explanation</p> <p>Question and answer</p>	<p>Use of tall, taller and tallest</p> <p>Use of short, shorter and shortest</p> <p>Finding heights of objects using strings</p> <p>Drawing</p> <p>Comparing</p> <p>Identifying</p> <p>Writing</p> <p>Naming</p>	<p>BB illustration</p> <p>String</p> <p>Paper work</p> <p>Pictures</p> <p>Meter rulers</p> <p>Exercise books and pencils</p>		
7		Recognizing describing and representing	I can tell more equal less quantities	<p>Finding the greater number 8, 3, 4, 7</p> <p>10, 2, 3, 1</p> <p>Finding the less number</p>	<p>Explanation</p> <p>Demonstration</p>	Finding the greater number	<p>Cutout of numbers</p> <p>Exercise books and pencils</p>		

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		numbers and their relationships and solving mathematical problems with competence and confidence		4, 2, 1, 6 3, 7, 6, 5	Question and answer	Finding the less number	blackboard		
8		Recognizing describing and representing numbers and their relationships and solving mathematical problems with competence and confidence	I can show one to one correspondence	- Introducing number words Zero – ten Zero, one, two, three - Matching words to figures Zero 8 One 7 Two 6 Three 5 Four 0 Five 1 Six 2 Seven 3 Eight 4 - Read and draw the beads one two  Read and draw pictures one = three cats two balls = four cups = six stones = five brooms = eight chairs = seven apples =	Explanation Discussion Question and answer	Reading words Matching words to figures Drawing pictures for the number words Writing for numbers Count and write in words	Real objects Flash cards Black board Illustration Exercise books and pencils		
9		Recognizing describing and	I can show one to one correspondence	Count and write numbers in words 	Explanation Discussion	Reading words Counting objects	Real objects		



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		representing numbers and their relationships and solving mathematical problems with competence and confidence		=balls =trees =sweets =book =baskets	Question and answers Demonstration	Drawing pictures Identifying the words	Flash cards Exercise books and pencils Blackboard		
10		Recognizing describing and representing numbers and their relationships and solving mathematical problems with competence and confidence	I can show one to one correspondence	Addition of number words Three and two is five $3 + 2 = 5$ Six and four is Five and one is Three and nine is Two and two gives Five plus two equals... Two bananas plus one banana equals.....bananas	Explanation Discussion Question and answers	Reading words Counting objects	Real objects Flash cards Exercise books and pencils Blackboard		

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