SCHEME OF WORK FOR NUMBERS FOR TOP CLASS TERM I <u>DEVELOPING AND USING MATHEMATICAL CONCEPTS IN MY DAY TODAY EXPERIENCES</u>

WK	PD	LEARNING	COMPETENCIES	CONTENT / SUGGESTED	METHODS	ACTIVITIES	INSTRUCTION	REF	RM
		OUTCOME		DEVELOPMENT ACTIVITIES			AL MATERIALS		
1	1 to 5	Recognizing describing and representing numbers and their relationships and solving mathematical problems with competence and confidence	I can recognize numerals 1 - 10	- Oral counting of objects and pictures 1 up to 10 Singing number songs - Reciting rhymes - Number games e.g one crocodile, One yellow duck, 1, 2, 3 its time to tea etc Write number 0 – 10 in order	Demonstration Explanation Question and answer	Counting objects Writing numbers Matching numbers to pictures	Flash card Chart Real objects Paper work Exercise books BB illustration		
2		Recognizing describing and representing numbers and their relationships and solving mathematical problems with competence and confidence	I can recognize numerals 1 - 20	- More introduction of number - count and write - Identifying numbers 0 – 10 - write numbers in order 0 – 20 - Counting objects and writing numbers 0 – 20. - 20. - 3 - 3	Discussion Explanation Question and answer	Oral counting Counting objects and circle Writing numbers Count the pictures Write numbers 0 – 20	Cards Objects Pictures Printed work Charts Exercise books		
3		Recognizing describing and representing numbers and their relationships and solving mathematical problems with competence and confidence	I can recognize numerals and enumerate them	Application of quantitative e.g. Make 4s 4 2 3 =		Counting objects Writing numbers Matching numbers Drawing objects of the given numbers Ticking Circling Underline Ring Cross	Flash cards Real objects Paper work Exercise books Pencils BB		
4		Recognizing describing and representing numbers and their	I can perform activites involving adding.	Arraging numbers in order 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10 3, 0, 1, 2 = 3, 2, 1, 0 =	Demonstration Discussion Explanation Question and	Counting numbers Writing numbers Filling in the	Cards Real objects Exercise books Chart		

	relationships and solving mathematical problems with competence and confidence		1, 4, 2, 3 = Filling in the missing numbers 1 3 5 6 8 10 0 2 4 Write the number after 2 = 4 = 7 =	answer	missing Arranging numbers in order	Pencils BB	
5	Recognizing describing and representing numbers and their relationships and solving mathematical problems with competence and confidence	I can add using objects up to 10.	- Introduction of plus sign and equal sign Addition of objects + + = v v + v v v = x x x + x =		Counting objects and writing numbers Drawing pictures Adding pictures	Flash cards Real objects Counters e.g. sticks and bottle tops	
			Addition of objects 6 – 10 \\\+\\\\=\\\\\\\\ O O O + O O O = C C C C + C C = 6		Oral work Counting following proper sequence Adding pictures Drawing pictures	Real objects Pencils Blackboard Paper work Exercise books	
6	Recognizing describing and representing numbers and their relationships and solving mathematical problems with competence and confidence	I can add objects with numbers up to 10	- Introducing addition of numbers using pictures. $ \triangle \Delta + \triangle \Delta = \triangle \Delta \Delta \Delta \Delta $ $ 2 + 2 = 4 $ $ b b b + b b = b b b b b $ $ 3 + 2 = 5 $ $ \triangle \Delta + \Delta = \underline{\qquad} $ $$	Explanation Demonstration Discussion Question and answer	Oral work Counting following proper sequence Adding of pictures Drawing pictures Count the pictures	Real objects Pencils BB illustrations Paper work Exercise books	
7	Recognizing describing and representing numbers and their	I can add things and numbers up to 10.	Addition of numbers with balls 0 – 10 2 + 3 = 3 + 3 = 1 + 1 =	Explanation Discussion Question and answer	Oral work Counting following proper sequence	Real objects Pencils BB illustrations Paper work	

8	relationships and solving mathematical problems with competence and confidence Recognizing describing and representing numbers and their relationships and solving mathematical	I can show relations among things/numbers in a serial order.	Addition of numbers 2 4 1 +2 +1 +0 Circle the greater number Tick, ring, cross, underline 4 2 Finding the less number 7 10	Demonstration Explanation Question and answer	Adding picture Drawing pictures Practical work using objects Identify and show the greater / less number	Printed paper work Blackboard	
9	problems with competence and confidence Recognizing	I can perform a ctivities	Write the number before;	Explanation	Writing the	Number	
10	describing and representing numbers and their relationships and solving mathematical problems with competence and confidence	involving adding and take away. I can recognize and add numbers.	2631 Revision of after Write the number after 1 0 5 Write the number between 3 5 4 6 1 3 Add these 3 + 1 =	Discussion Demonstration Question and answer	number after Writing the number before Identify the number Writing the number between	Chart Cards Counters Exercise books Pencils	
11	Surveying, knowing	I can collect objects	1 + 1 = 3	Demonstration	Matching		
	and distinguishing the attributes of	according to stated	A rectangle	Explanation	Drawing Naming		

	objects.	A circle		Identify the shapes Write names for		
		A star		the shapes		
		A square	\sim			
		A triangle				
		An oval				