

MATHEMATICS ACTIVITIES GRADE 1

SCHEME OF WORK FOR TERM 1

COMPETENCE BASED CURRICULUM

MATHEMATICS SCHEME OF WORK GRADE 1 TERM 1

SCHOOL	GRADE	LEARNING AREA	TERM	YEAR
	1	Mathematics Activities	1	

WEEK	LSN	STRAND	SUB-STRAND	SPECIFIC LEARNING OUTCOMES	KEY INQUIRY QUESTION(S)	LEARNING EXPERIENCE	LEARNING RESOURCES	ASSESSMENT METHODS	REFLECTION
1	1	Classification	Sorting and grouping	By the end of the sub-strand the learner should be able to: identify and name different colours in the picture.	1: how many colours can you identify in the picture? 2: which objects look alike?	Teacher to demonstrate sorting and grouping objects by colour. Learners to sing songs related to sorting and grouping objects	Locally available materials(pens, Flowers, books, Pre-primary 1 mathematics book page 1 By Long Horn	The teacher to observe the objects. Checking the answers given by pupils.	

	2		Sorting and grouping by colour	By the end of the topic the learner should be able to: circle and identify colours of different objects	1:which objects have the same colour 2:in groups, draw the objects with the same colour	Learners to demonstrate sorting and grouping in colours. The teacher to demonstrate different colours using ICT Devices.	Charts, school uniforms, flowers, Digital gadgets e.g. computers	The teacher to check the work and answers given by pupils	
--	---	--	--------------------------------	--	--	---	--	---	--

	3		Matching	By the end of the topic the learner should be able to: to match different pictures with their colours	1: which objects look alike? 2: which two objects are different?	-Learners to collect and store materials in their respective corners. -learners to look and talk about objects with different colours	-school uniforms Locally available materials e.g leaves,fruits, Utensils, Pre-primary 1 book page 3	-the teacher to observe work done by pupils	
--	---	--	----------	---	---	--	---	---	--

	4		Matching	By the end of the topic the learner should be able to: Identify different colours from each row	1: which object has a different colour? 2: name the different colours in the objects	-learners to tick in groups different colours of objects. -the teacher to demonstrate Different colours.	charts, flowers, fruits, Pre-primary 1 book page 4 By Long Horn	The teacher to observe the work done by pupils	
	5		Sorting and grouping by size	By the end of the topic the learner should be able to: Identify different sizes of objects.	1: which objects are bigger? 2: what are the names of the objects given?	-two learners to demonstrate different sizes -teacher to demonstrate sorting and grouping of different objects by size	Locally available materials of different colours shapes, sizes e.g flowers, paper cut-outs, bottle tops; Pictures. Pre-primary 1 book page 5 By Long Horn	The teacher to observe the work done by pupils	

2	1	Classification	Sorting and grouping by size	By the end of the topic the learner should be able to: In pairs discuss and circle different sizes of objects	1: which objects are small? 2: why have you grouped these objects together?	Learners look and talk about objects with different sizes Learners to sing songs related to sorting and grouping objects	Pre-primary 1 book page 5 By Long Horn Locally available materials (pictures, charts, fruits, school bags, tins)	The teacher to observe the work done by pupils	
	2	Classification	Sorting and grouping by colour	By the end of the topic the learner should be able to: colour the small objects	1: what are the names of the objects you have coloured?	Learners to look and talk about objects with different sizes and colours	Pre-primary 1 book page 6 By Long Horn Locally available materials e.g crayons, pencils, books	The teacher to observe the learners as they colour	
	3	Classification	Sorting and grouping by size	By the end of the topic the learner should be able to: In pairs discuss and colour different sizes of objects	1: What are the names of the different colours used? 2: why have you grouped	Learners to recite a poem about colours and sizes. Learners in groups to demonstrat	Pre-primary 1 book page 6 By Long Horn Locally available materials	The teacher to check the work and answers given by pupils	

					these	e different	e.g paper		
--	--	--	--	--	-------	-------------	-----------	--	--

					objects together?	sizes i.e. smaller or bigger	cutouts,crayons,charts ,		
4	Classification	Sorting and grouping by shape	By the end of the topic the learner should be able to: Name the shapes of the objects given	1: which objects have the same shape? 2: why have you grouped these objects together?	Leaners to relate specific attributes to the other objects in the environment	Pre-primary 1 book page 7. By Long Horn Locally available materials like; charts, pictures	The teacher to observe the learners as they work on the different shapes.		
5	Classification	Sorting and grouping by shape	By the end of the topic the learner should be able to: Identify different shapes	Which objects have the same shape?	-Two learners to demonstrate different shapes -learners to make paper cutouts of the different shapes	Pre-primary 1 book page 8 By Long Horn Locally available materials :crayons, scissors, cartons, pencils	The teacher to observe the learners as they make different paper cutouts.		

3	1	classification	Matching and pairing	By the end of the sub-strand the learner should be able to match similar objects in the environment.	1: which objects look alike? 2: how do we use these objects?	-learners collect and talk about similar objects from the environment -learners relate objects to their use in the environment.	Pre-primary 1 book page 9 By Long Horn Locally available materials; i.e. school garden,	The teacher observe the garden -the teacher to observe the learners as they identify different objects.	
	2	classification	Matching and pairing	By the end of the sub-strand the learner should be able to; match similar pictures	1: which objects look the same? 2: what are the colours of the matched pictures?	-Teacher to demonstrate matching and pairing objects according to one attribute (sameness, likeness) -in groups individual learners match and pair objects according to likeness	Pre-primary 1 book page 10 By Long Horn Materials: pictures, charts, digital Gadgets.	The teacher to Observe the work being done by pupils	
	3	classification	Matching and pairing	By the end of the sub-strand the learner should be able to:	1: which objects have the same size? 2: what makes	-learners to sing songs related to the shapes? -learners to draw	Pre-primary 1 book page 11 By Long Horn Materials:	The teacher to observe the shapes made by the	

				Match the shapes with the same size	them look alike?	the named shapes	Charts, pictures	learners	
--	--	--	--	--	---------------------	---------------------	------------------	----------	--

	4	Classification	Matching and pairing	By the end of the sub-strand the learner should be able to; make different shapes,	1: which objects have the same shape?	-learners to use paper cut-outs to make the different shapes	Pre-primary 1 book page 11 By Long Horn Materials: Manilla papers, scissors, bottle lids,	The teacher observe work being done by the pupils?	
	5	classification	Matching and pairing	By the end of the sub-strand the learner should be able to: Draw different shapes and colour them	1: what makes the objects look alike? 2: which colours have been Used?	-learners to pair objects according to similar attributes i.e. colour	Pre-primary 1 book page 11 Materials: crayons Pencils, pictures.	The teacher observe work being done by the pupils?	
4	1	Classification	Matching and pairing	By the end of the topic the learner should be able to: match the different objects which are used together	1: what are the names of the different Objects?	Learners to pair objects according to their use.	Pre-primary 1 book page 12 By Long Horn Materials: pencils, charts.	The teacher to observe the learners as they match the objects.	
	2	Classification	Matching And pairing	By the end of the topic the learner	1: what are the uses of the	Learners to match and object	Materials: computers,	The teacher to guide the	

			should be able to: Name the different objects in the picture.	different objects?	according to one attribute using ICT devices	pictures. Pre-primary 1 book page 12	learners when using the computers to	
--	--	--	--	-----------------------	---	--	---	--

							By Long Horn	match the objects	
	3	Classification	Matching And pairing	By the end of the topic the learner should be able to: Draw and match different objects	1: how do we use these objects?	Learners relate objects to their use in the environment	Materials: pencils -Pictures -Digital devices	The teacher to observe the learners as they draw the objects.	

	4	Classification	Ordering	By the end of the topic the learner should be able to: Differentiate different objects in the environment by sizes.	1. which objects are short?	Learners observe different objects from the environment according to sizes.	Pre-primary 1 book page 13 By Long Horn Trees Sticks bottles	The teacher to observe learners as they arrange objects according to sizes.	
	5	Classification	Ordering	By the end of the topic the learner should be able to: State which objects are tall.	1. Which objects are tall? 2. which among these two objects is taller?	Learners in pairs to arrange different objects in sizes (taller, shorter)	Bottles Trees Pre primary 1 book page 13 By Long Horn	The teacher to observe the objects Check the work done by pupils.	
5	1	Classification	Ordering	By the end of the topic the learner should be able to: Order different objects according to size.	1. which is the next object in the row?	Learners to arrange individually objects according to size.	Locally available materials (trees, flowers, fruits Leaves.) Pre-primary 1 book page 14 By Long Horn	The teacher to observe the objects. Check the work of the pupils.	
	2	Classification	Ordering	By the end of the topic the learner should be able to:	1. which objects are (small	Learners to demonstrate ordering	Pre Primary 1 book page 14 By Long Horn	The teacher to observe the objects	

			Use the correct vocabulary related to ordering for	er, Bigger) 2. which objects	objects according to size or height	Pictures charts	Check the work done by pupils.	
--	--	--	--	---------------------------------	-------------------------------------	-----------------	--------------------------------	--

				effective communication.	among these are bigger?	up to 3 objects.			
3	Classification	Ordering	By the end of the topic the learner should be able to: Organize different objects in the environment	1. which objects are longer?	Learners to talk about different objects in the environment.	Pre Primary 1 book page 14 By Long Horn Pictures Trees	The teacher to observe the objects		

4	Classification	Ordering	By the end of the topic the learner should be able to: Arrange objects according to size in ascending order up to 3 objects of different sizes.	1. which objects are (small ,big) ? 2. why have you arranged objects in the order?	Learners to draw big and small objects using the ICT devices.	Computers Charts Pictures	The teacher to observe the work done by learners.	
5	Classification	Ordering	By the end of the topic the	1. which among these objects is	Learners to arrange objects	Pre Primary 1 book page 15	The teacher to check the work	

			learner should be able to: Arrange objects according to size in descending order up to 3	small?	according to ascending and descending order using ICT devices.	By Long Horn Computer	done by learners	
--	--	--	--	--------	--	--------------------------	---------------------	--

				objects for making comparison of objects of different sizes.					
6	1	Classification	Ordering	By the end of the topic the learner should be able to: Collect different objects from their environment for exploitation and enjoyment.	1.which objects are (small, Tall, bigger, Shorter)	Learners in groups to collect different objects according to sizes.	Pre Primary 1 book page 15 By Long Horn Locally available materials (Trees, small insects, flowers fruits.)	The teacher to observe the objects.	
	2	Classification	Patterns	By the end of the topic the learner should be able to: observe different objects in the environment.	1.which of these objects look alike?	Learners to collect and talk about items from the environment	Pre-primary 1 page 16 By Long Horn Fruits Bottles Bottle tops	The teacher to observe the items	
	3	Classification	Patterns	By the end of the topic the learner should be able to: identify different patterns	1.how can you arrange these objects to make a pattern?	Learners to demonstrate arranging objects to make a pattern	Pre-primary 1 page 16 By Long Horn Flashcards Balls Flowers	The teacher to observe the objects Check the work done by the learners	

	4	Classification	Patterns	By the end of the topic the learner should be able to: arrange similar objects to make a pattern	1. which of these objects look alike?	A few learners to demonstrate arranging objects in a pattern	Pre-primary 1 page 17 By Long Horn Flashcards Utensils	The teacher to check the work of the pupils	
	5	Classification	Patterns	By the end of the topic the learner should be able to: enjoy making patterns from objects found in the environment.	1. how can you arrange these objects to make a pattern? 2. which objects look alike?	Learners to make objects in alternating order to make a pattern	Flashcards Pre-primary 1 page 17 By Long Horn Leaves	The teacher to observe the objects	
7	1	Classification	Patterns	By the end of the topic the learner should be able to: identify different shapes that make a pattern	1. which objects look alike? 2. which objects comes next in the series?	Learners to fill in the missing objects in a series to make a pattern	Pre-primary 1 page 18 By Long Horn Charts Pictures	The teacher to check the work done by the pupils	
	2	Classification	Patterns	By the end of the topic the learners should be able to: Draw and colour different shapes to make a pattern	1, which objects look alike? 2. which part of the pattern repeats	Learners discuss patterns made of same shape with two different colours	Pre-primary 1 page 18 By Long Horn Pictures Charts	The teacher to check the work done by pupils	

					itself?				
	3	Classification	Patterns	By the end of the topic the learners should be able to: arrange 2 different objects in an	1.how can you arrange these objects to form a pattern?	Learners to discuss different shapes and patterns on their clothes,	Pre-primary 1 page 19 By Long Horn Personal items like(school uniforms)	The teacher to observe the objects	

				alternating manner to make patterns		foot prints, flower gardens	Flower Pictures		
--	--	--	--	-------------------------------------	--	-----------------------------	-----------------	--	--

	4	Classification	Patterns	By the end of the topic the learner should be able to: identify objects that are repeated to form a pattern	1.which part of the pattern repeats itself?	Learners to draw patterns using the ICT devices	Pre-primary 1 page 19 By Long Horn Pictures Computers	The teacher to observe objects	
	5	Numbers	Rote counting	By the end of the topic the learner should be able to: rote count numbers 1-10	1.How can you count as you skip?	Guide learners to rote count numbers 1-10	Pre-primary 1 page 20 By Long Horn	The teacher to observe learners as they count	
8	1	Numbers	Rote counting	By the end of the topic the learner should be able to: rote count numbers 1-10 using actions	1.how can you count as you jump?	Learners to sing songs as they rote count	Pre-primary 1 page 20 By Long Horn Ropes	The teacher to listen to learners as they count	
	2	Numbers	Rote counting	By the end of the topic the learner should be able to: appreciate the use	1.how do we use numbers in daily activities?	Guide learners to identify and talk about numbers found on objects	Trees Currency Pre-primary 1 page	The teacher to observe the objects	

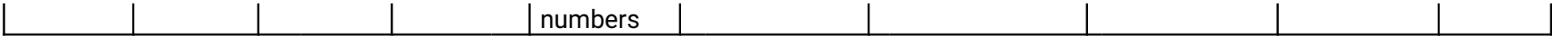
			of numbers in daily activities		found in their environment			
--	--	--	-----------------------------------	--	-------------------------------	--	--	--

	3	Numbers	Rote counting	By the end of the topic the learner should be able to: count given objects in numbers	1.how many objects can you see?	Learners in pairs to perform singing games	Bottles Trees Bottle tops	The teacher to guide learners in counting	
	4	Numbers	Rote counting	By the end of the lesson the learner should be able to: listen to radio programmes on rote counting	1.which numbers did you hear?	Learners to listen to radio and television educational programmes on rote counting	Television Radio	The teacher to guide learners on the programme	
	5	Numbers	Rote counting	By the end of the topic the learner should be able to: rote count numbers for development of numeral skills	1.which number comes before 3?	Learners recite numbers from the chats	Charts flashcards	The teacher to observe the learners as they recite	
9	1	Numbers	Rote counting	By the end of the topic the learner should be able to: enjoy rote counting in class activities	1.how do we use numbers in class?	Learners sing songs as they rote count	Chats flashcards Classroom items(desks, pencils Books, pupils)	The teacher to observe the objects	
	2	Numbers	Rote counting	By the end of the lesson the learner	1.how can you clap as you	Learners to watch video clips on rote	Scissors Skipping ropes	The teacher to observe	

			should be able to make number cut outs 1-10	count?	counting with actions(walk, hop ,clap)	cartons	the objects made by learners	
--	--	--	---	--------	--	---------	------------------------------------	--

	3	Number	Number recognition	By the end of the sub-strand the learner should be able to: read numerals 1-9	1.which number is shown in the flashcard?	Learners to talk about numbers in the flashcards	Flash cards Mathematics Pre-primary 1 21 calendar	The teacher to listen the learners as they read	
--	---	--------	--------------------	---	---	--	---	---	--

	4	Number	Number recognition	By the end of the sub-strand the learner should be able to: recognize number 1-5	1.which number is shown in the book?	Learners to identify numbers on the chart and book	Flash cards Mathematics Pre-primary 1 page 21 chart	The teacher to observe the learners	
	5	Number	Number recognition	By the end of the sub-strand the learners should be able to: tell the difference between numerals 1-9	1.which number have you identified?	Learners to sing a song about numbers 1-9	Flashcards Mathematics Pre-primary 1 page 22 Charts	The teacher to listen to learners as they tell the numbers	
10	1	Number	Number recognition	By the end of the topic the learner should be able to: identify and talk about	1.which number can is shown in the flashcard? 2.which number have you modelled?	Guide learners to identify numbers on objects found in the environment	Utensils(cups) Calendar Charts	The teacher to observe the objects	



				found on objects on the environment					
	2	Number	Number recognition	By the end of the topic the learner should be able to: colour objects with numbers 5	1.how many objects have number 5? 2.how many numbers have you identified?	Learners to play a fishing game in pairs	Flashcards Mathematics Pre-primary 1 page 23 crayons	The teacher to observe the objects	
	3	Number	Number recognition	By the end of the lesson the learner should be able to: model different numbers	1.which numbers have you modelled?	Learners model numbers 1-9	Plasticine Clay Charts	The teacher to observe the work of learners	

	4	Number	Number recognition	By the end of the lesson the learner should be able to: read certain numbers to	1.who can read numbers 1-5? 2.which numbers can you see on the picture?	Learners to recite numbers 5-8	Chart Pictures Mathematics Pre-primary 1 page 24	The teacher to listen to learners as they read	
--	---	--------	--------------------	---	--	--------------------------------	--	--	--

			develop numeracy skills					
--	--	--	-------------------------------	--	--	--	--	--

	5	Number	Number recognition	By the end of the topic the learner should be able to identify different numbers on the objects found in the environment.	1.which numbers can you see? 2.which numbers can you read?	Learners to identify numbers from their utensils and school uniforms	School uniforms Pictures charts	The teacher to observe the objects	
11	1	Number	Number recognition	By the end of the topic the learner should be able to :circle similar numbers	1.who can show me two numbers that are similar from the chart? 2.which numbers have you circled?	Learners in pairs identify and circle similar numbers	Flashcards Number chat Mathematics Pre-primary 1 page 25	The teacher to observe the objects Check the work done by learners	
	2	Number	Number recognition	By the end of the topic the learner should be able to: appreciate the use of numbers in day to day life experiences	1.how do we use numbers in daily activities?	Learners to form numbers, type number symbols using ICT devices	Computers Number chart	The teacher to observe the objects	

	3	Numbers	Counting concrete objects	By the end of the sub-strand the learners should be able to: count concrete objects 1-10	1.how many objects are these?	Learners demonstrate counting objects 1 - 9	Mathematics Pre-primary 1 page 26 number chart with pictures	The teacher to observe the objects	
--	---	---------	---------------------------	--	-------------------------------	---	--	------------------------------------	--

	4	Numbers	Counting Concrete objects	By the end of the topic the learner should be able to: draw pictures of objects in numbers 1-9	1.how many objects can you see?	Learners play counting games involving counting objects	Mathematics Pre-primary 1 page 26 Pictures on the chart	The teacher to observe the work of learners	
--	---	---------	---------------------------	--	---------------------------------	---	---	---	--

	5	Numbers	Counting concrete objects	By the end of the lesson the learner should be able to: count and circle the numbers correctly in each box	1.how many objects can you see? 2.why have you circled the following numbers?	Learners match numbers with concrete objects for numbers 1-9	Mathematics Pre-primary 1 page 27	The teacher to observe the objects	
--	---	---------	---------------------------	--	--	--	-----------------------------------	------------------------------------	--

12	1	Numbers	Counting concrete objects	By the end of the topic the learners should be able to :enjoy counting concrete	1.how many objects are these? 2.how many learners are in your	In groups ,pairs, The learners to count objects in their class up to 9	Mathematics Pre-primary 1 page 27 Calendar Classroom furniture	The teacher to observe the learners as they count	
----	---	---------	---------------------------	---	--	--	--	---	--

| | | | objects within | group? | | | |

				the environment					
	2	Numbers	Counting concrete objects	By the end of the topic the learners should be able to: match objects with the same numbers in the box	1.how many objects can you see? 2.why have you grouped these objects together?	Learners match numbers with concrete objects for numbers 1-9	Mathematics Pre-primary 1 page 28 Picture chart	The teacher to observe the objects	
	3	Numbers	Counting concrete objects	By the end of the sub-strand the learners should be able to: demonstrate One to one correspondence while Counting concrete objects	1.how many objects are these? 2.How many boys are in your group?	Learners to play video games on counting	Mathematics Pre-primary 1 page 29 Computers	The teacher to observe the objects	

	4	Number s	Counting concrete object s	By the end of the lesson the learner should be able to: count and say the number of objects	1.how many objects can you see? 2.how many girls are in the class?	Learners to count concrete objects from 1-20 using the ICT devices	Mathematics Pre-primary 1 page 29 Computers Picture s in chart	The teacher to observe the items	
	5	Number s	Counting concrete	By the end of the sub-strand the learners	1.how many objects are	Learners to count objects around the	Mathematics Pre-primary 1	The teacher o observe the	

		object s	should be able to: enjoy counting concrete objects	these?	class in groups	page 30 Pictures in charts	items	
--	--	-------------	--	--------	-----------------	----------------------------------	-------	--

				within their environment			Classroom items(books, desks,		
--	--	--	--	--------------------------	--	--	-------------------------------	--	--

13

ASSESSMENT