TERM THREE SCHEMES OF WORK

SCHOOL	PP/GRADE	LEARNING AREAS	TIME	YEAR
		MATHEMATICS		
		ACTIVITIES		

GRADE ONE SCHEMES OF WORK

MATHEMATICS ACTIVITIES

Week	Lesson	Strand	Sub-strand	Suggested	Key inquiry	Learning	Learning	Assessment	Reflection
				outcomes	question(s)	experiences	resources		
1	1	Measurement	Capacity	By the end	1.how	Learners	Containers	The teacher	
			(how much a	of the sub-	many of	demonstrate	of different	to check	
			container can	strand the	the small	and talk	sizes	the work of	
			hold)	learners	containers	about filling	Grade one	the learners	
				should be	can fill the	containers	book page		
				able to:	big		58		
				measure	container?		Number		
				how many			chart		
				count the					
				number of					
				small					
				containers					
				to fill big					
				containers					
	2	Measurement	Capacity(how	By the end	1.which	Learners	Grade one	The teacher	
			much a	of the sub-	cans hold	demonstrate	book page	to observe	
			container can	strand the	more or	filling and	58	the	
			hold)	learners	less?	emptying	Containers	containers	
				should be		small and	of different		
				able to:		large	sizes		

				collect cans		containers			
				from the		using water,			
				environment		sand			
				and					
				measure					
				their					
				capacity					
	3	Measurement	Time(daily	By the end	1.what can	Guide	Grade one	The teacher	
			routines)	of the sub-	you see in	learners to	book page	to listen to	
				strand the	picture 1	observe and	59	the	
				learners	and 2?	talk about	Clock face	answers of	
				should be		the pictures	pictures	the learners	
				able to:					
				observe the					
				pictures					
	4	Measurement	Time(daily	By the end	1.what is	Guide the	Grade one	The teacher	
			routines)	of the sub-	the time in	learners to	book page	to observe	
				strand the	picture 1	talk about	59	the work of	
				learners	and 2?	time	Clock face	learners	
				should be					
				able to: tell					
				time in					
				according to					
				the pictures					
	5	Measurement	Time(daily	By the end	1.what do	A few	Clock face	The teacher	
			routines)	of the topic	we do	learners	Grade one	to listen to	
			-	the learners	when we	identify and	book page	learners	
				should be	wake up in	talk about	59		
				able to:	the	morning	pictures		
				identify at	morning	routines			
				least 3 daily	before you	activities in			
				routine	come to	an			
				activities	school?	appropriate			
				they do		manner			
L	I .	1	l	. ,	l	l	1	1	l

		before going			
		to school			

2	1	Measurement	Time(daily	By the end	1.how the	Guide	Grade one	The teacher	
			routines)	of the sub-	things you	learners to	book page	to observe	
				strand the	do are	talk about	59	the work of	
				learners	different	activities	Clock face	the	
				should be	from what	related to	Picture cut	learners	
				able to:	your	time(today,	outs		
				identify	mother and	tomorrow,			
				vocabulary	father does	yesterday)			
				related to	in the				
				time(today,	morning?				
				yesterday,					
				tomorrow)					
	2	Measurement	Time(daily	By the end	1.what do	Learners	Grade one	The teacher	
			routines)	of the sub-	you do	sing songs	book page	to observe	
				strand the	when you	on daily	59	the	
				learners	arrive in	routines	Clock face	learners	
				should be	school?		pictures	activities	
				able to:					
				demonstrate					
				ability to					
				manage					
				time well					
				when doing					
				activities					
	3	Measurement	Time(daily	By the end	1.what	In groups or	Grade one	The teacher	
			routines)	of the sub-	does your	pairs,	book page	to observe	
				strand the	mother do	learners	59	the	
				learners	when you	arrange	Picture	learners	
				should be	wake up?	pictures	charts		

4	Measurement	Time(daily routines)	able to: appreciate what everybody does on a daily activity By the end of the lesson the learners should be able to: arrange pictures with various daily routine	1.what activities do you do when you wake up?	with various daily routine activities in a logical order Individually the learners to arrange pictures of daily routine logically	Grade one book page 60 Picture cut out Clock face	The teacher to observe the learners	
5	Measurement	Time(daily routines)	activities By the end of the topic the learners should be able to: observe the pictures and colour	1.what do you do when you wake up in the morning? 2.what do you see in the pictures	Learners to sing songs about routines	Grade one book page 60 Picture cut outs Picture chart	The teacher to observe the work of the learners	

3	1	Measurement	Time(daily	By the end	1.what	Learners to	Grade one	The	
			routines)	of the sub-	activity do	identify	book page	teacher to	
				strand the	you see in	and talk	60	observe	
				learners	the	about the	Picture cut	the	
				should be	pictures?	activities	outs	learners	
				able to:			Clock face	work	

			observe the					
			pictures					
			and tell					
2	DA	T:/ - -:	time	4	1	Cuada ana	The	
2	Measurement	Time(daily	By the end	1.what do	Learners to	Grade one	_	
		routines)	of the sub-	we do	watch a	book 60	teacher to	
			strand the	when we	video on	Clock face	observe	
			learners	wake up?	activities of	Digital	the work of	
			should be	2.what	the daily	devices like	learners	
			able to:	activities	routine	DVDS		
			observe	do you do		Picture cut		
			and tell	when you		outs		
			when	arrive in				
			certain	school?				
			activities					
			take place					
3	Measurement	Money(Kenyan	By the end	1.what can	Guide	Grade one	The	
		currency)	of the sub-	you see	learners to	book page	teacher to	
		Coins and	topic the	from the	look and	61	Observe	
		notes	learners	pictures?	talk about	Shop	the work of	
			should be		the	corner	the	
			able to:		activities in		learners	
			observe		the			
			and talk		pictures			
			about the					
			pictures					
4	Measurement	Money(Kenyan	By the end	1.what do	Guide the	Grade one	The	
		Currency)	of the sub-	we use	learners to	book page	teacher to	
		Coins and	strand the	money for?	look and	61	observe	
		notes	learners		talk about	Coins and	the	
			should be		different	notes	learners	
			able to: talk		sample			
			about		currencies			
			different					

			currencies that we use					
5	Measurement	Money(Kenyan currency) Coins and notes	By the end of the substrand the learners should be able to: identify different sample coins	1.what can you see on the coin? 2. what do we use money for?	Guide the learners to look and talk about different sample coins	Grade one book page 62 Coins	The teacher to observe the learners	

4	1	Measurement	Money(Kenyan	By the end	1.what can	A few	Grade one	The	
			Currency)	of the sub-	you see on	learners	book page	teacher to	
			Coins and	strand the	the coins?	identify	62	observe	1
			notes	learners	2.what do	Kenyan	Coins	the coins	1
				should be	we use	coins and	Shop		1
				able to:	money for?	notes	corner		1
				identify			Tins		1
				Kenyan					1
				currency					1
				from					1
				samples					1
				given					1
	2	Measurement	Money(Kenyan	By the end	1.what can	In groups,	Grade one	The	
			Currency)	of the sub-	you see on	pairs	book page	teacher to	1
			Coins and	strand the	the coin?	,learners	62	observe	1
			notes	learners		role play	Coins	the	1
				should be		buying and	Shop	learners	1
				able to:		selling from	corner	activities	
				buy items		a shop	Tins		1

3	Measurement	Money(Kenyan Currency) Coins and notes	using Kenyan coins By the end of the sub- strand the learners should be able to:	1.what can you see on the coin? 2.what do we use money for?	A few learners to identify the traced coins	Grade one book page 63 Tins Coins	The teacher to observe the coins	
			trace and shade the coins					
4	Measurement	Money(Kenyan Currency) Coins and notes	By the end of the substrand the learners should be able to: match the coins that are the same	1.which coins can you see? 2.which coins look the same?	Learners to match and pair Kenyan currency	Grade one book page 62 Coins Shop corner Tins	The teacher to observe the coins	
5	Measurement	Money(Kenyan Currency) Coins and notes	By the end of the substrand the learners should be able to: make a simple budget basing on(coins and notes)	1.which coins can you see? 2.what can you buy with the coin from the pictures?	Learners to role play buying and selling from the shop corner	Grade one book page 64 Coins Shop corner Tins Boxes	The teacher to observe the learners	

5	1	Measurement	Money(Kenyan	By the end of	1.what can you	Learners to	Grade one	Teacher to	
			Currency)	the sub-strand	see on the	watch a	book page	observe	
			Coins and	the learners	note?	video on role	65	the	
			notes	should be able		playing	Coins	learners	
				to: appreciate		buying and	Shop		
				the use of		selling	corner		
				Kenyan		J	Tins		
				currency(coins			Boxes		
				and notes) in			Digital		
				their daily life			devices		
				,					
	2	Measurement	Money(Kenyan	By the end of	1.What can we	Learners to	Grade one	Teacher to	
			Currency)	the sub-strand	do with extra	match and	book page	observe	
			Coins and	the learners	money(balance)	pair Kenyan	65	the	
			notes	should be able	, , ,	currency-	Coins	learners	
				to: match		coins and	Shop		
				notes that are		notes using	corner		
				the same		ICT devices	Digital		
							devices like		
							computers		
	3	Measurement	Area(surface	By the end of	1.how many	learners in	Tables	Teacher to	
			of objects)	the sub-strand	items can cover	pairs count	Books	observe	
			• •	the learners	this surface?	the items on	Hands	the	
				should be able		the surface	Grade one	learners	
				to: count and			book page		
				write the			66		
				number of					
				books that					
				cover the					
				surface					
	4	Measurement	Area(surface	By the end of	1. how many	learners are	Tables	The	
			of objects)	the sub-strand	items can cover	guided to	Books	teacher to	

			the learners should be able to: identify surfaces of different objects in the environment	this surface?	observe and identify different surfaces of objects in the environment	Hands Grade one book page 66	observe the learners
5	Measurement	Area(surface of objects)	By the end of the sub-strand the learners should be able to: cover the area of different surfaces of objects using smaller objects?	1.what else can we use to cover these surfaces? 2. how many small items can cover these surface?	Demonstrate covering surfaces using small objects from the environment	Tables Books Hands Grade one book page 67 Feet	The teacher to observe the learners

6	1	Measurement	Area(surface of objects)	By the end of the substrand the learners should be able to: appreciate different surfaces in	1.which surface is smaller or bigger? 2. what else can we use to cover these surfaces?	In groups learners compare different surfaces in the environment	Tables Books Hands Grade one book page 66 and 67 Feet	The teacher to observe the learners	
				surfaces in the environment	surfaces?				
	2	Measurement	Area(surface	By the end	1. what	demonstrate	Tables	The	
			of objects)	of the sub-	else can we	covering	Books	teacher to	
				strand the	use to	surfaces	Hands	observe	

3	Measurement	Area(surface	learners should be able to: cover the area of different surfaces of objects using bigger objects By the end	cover these surfaces?	using big objects in the environment	Grade one book page 66 and 67 Feet	the learners The	
		of objects)	of the sub- strand the learners should be able to: identify surfaces of 3 objects in the environment	many objects can be used to cover the surface? 2.which surface is smaller or bigger?	cover surfaces of different sizes	Books Hands Grade one book page 66 and 67 Feet	teacher to observe the learners	
4	Measurement	Area(surface of objects)	By the end of the substrand the learners should be able to: differentiate Big and small surface by colouring	1.which is the small/big surface?	Learners to shade or colour surfaces of different objects	Tables Books Hands Grade one book page 66 and 67	The teacher to observe the learners	
5	Measurement	Area(surface of objects)	By the end of the sub-	1.which is the	Guide learners on	Tables Books	The teacher to	

		strand the	small/big	using the	Hands	observe
		learners	surface?	devices	Grade one	the
		should be	2. how		book page	learners
		able to:	many		66 and 67	
		learn	objects can		Digital	
		different	be used to		devices like	
		surfaces	cover the		DVDs	
		using ICT	surface?			
		devices				

7	1	Measurement	Area(surface	By the end of	1. how	Learners	Tables	the teacher
			of objects)	the sub-	many	demonstrate	Books	to observe
				strand the	objects can	surfaces	Hands	the
				learners	be used to	according to	Grade one	learners
				should be	cover the	sizes(big	book page	
				able to:	surface?	,small)	66 and 67	
				group 3				
				different				
				surfaces				
				according to				
				size				
	2	Measurement	Area(surface	By the end of	1. how	Learners to	Tables	the teacher
			of objects)	the sub-	many	shade or	Books	to observe
				strand the	objects can	colour	Hands	the
				learners	be used to	surface	Grade one	learners
				should be	cover the	using the ICT	book page	
				able to:	surface?	devices	66 and 67	
				identify and				
				shade big				
				surfaces				
	3	Measurement	Area(surface	By the end of	1.which	Learners	Grade one	The
			of objects)	the sub-	objects are	discuss in	book page	teacher to
				strand the	heavy or	groups	54 and 55	observe

S	4	Measurement	Time(daily routine)	learners should be able to: work out different questions on measurement By the end of the sub- strand the learners should be able to: answer different questions on time	1.what do you do when you wake up before you come to school?	compare different mass of objects Learners role play activities depending on time	Pictures stones Sand water chairs Grade one book page 59 and 60 Past papers	The teacher to observe the learners	
	5.	Numbers	Sorting and grouping objects according to shape	By the end of the sub- strand the learners should be able to: sort different objects by shape	1.which shapes can you see? 2.how many shapes can you see?	Learners to name the shapes in the pictures	Grade one book page 7	The teacher to observe the learners	

13	ASSESSMENT	