2025 RATIONALIZED **GRADE 4 MATHEMATICS SCHEME OF WORK TERM 2**

Week	Lesson	Strand /Theme	Sub-strand	Specific-Learning outcomes	Learning/ Teaching Experience	Key Inquiry Question(S)	Learning Resources	Assessment Methods	Reflection
1	**1**	Numbers	Fractions	By the end of the lesson, the learner should be able to: a) Identify fraction as part of a group. b) Represent fractions as part of a group. c) Appreciate fraction as part of a group.	Learners in pairs/groups to identify fraction as part of a group. Learner to represent fractions as part of a group.	How do you represent fraction as part of a group?	KLB Visionary Mathematics Grade 4 Page.59-60 Number cards, Place value apparatus, IT devices, video clips	Written exercises Oral questions Observation Group discussion	
	2	Numbers	Fractions	By the end of the lesson, the learner should be able to: a) Discuss how to write numerators and denominators in fractions. b) Write numerators and denominators in fractions in different situations. c) Have fun writing numerators and denominators fractions	Learners in pairs/groups to discuss how to write numerators and denominators in fractions. Learner to write numerators and denominators in fractions in different situations.	How do you write numerators and denominators in fractions?	KLB Visionary Mathematics Grade 4 Page.60-61 Number cards, Place value apparatus, IT devices, video clips	Written exercises Oral questions Observation Group discussion	
	3	Numbers	Fractions	By the end of the lesson, the learner should be able to: a) Discuss types of fractions. b) Write proper, improper or mixed fractions. c) Appreciate different types of fractions.	Learners in pairs/groups to discuss types of fractions. Learner to write proper, improper or mixed fractions.	How many types of fractions do you know?	KLB Visionary Mathematics Grade 4 Page.61-62 Number cards, Place value apparatus, IT devices, video clips	Written exercises Oral questions Observation Group discussion	

	4	Numbers	Fractions	By the end of the lesson, the learner should be able to: a) Discuss how to convert improper fractions to mixed fractions b) Convert improper fractions to mixed fractions. c) Appreciate converting improper fractions to mixed fractions.	Learners in pairs/groups to discuss how to convert improper fractions to mixed fractions Learner to convert improper fractions to mixed fractions.	How do you convert improper fractions to mixed fractions?	KLB Visionary Mathematics Grade 4 Page.63 Number cards, Place value apparatus, IT devices, video clips	Written exercises Oral questions Observation Group discussion	
	5	Numbers	Fractions	By the end of the lesson, the learner should be able to: a) Discuss how to convert mixed fractions to improper fractions b) Convert mixed fractions to mixed improper fractions. c) Appreciate converting mixed fractions to improper fractions.	Learners in pairs/groups to discuss how to convert mixed fractions to improper fractions Learner to convert mixed fractions to mixed improper fractions.	How do you convert mixed fractions to improper fractions?	KLB Visionary Mathematics Grade 4 Page.64 Number cards, Place value apparatus, IT devices, video clips	Written exercises Oral questions Observation Group discussion	
2	**1**	Numbers	Decimals	By the end of the lesson, the learner should be able to: a) Identify a tenth. b) Divide a unit square into 10 equal parts, shade one of the ten parts and write the shaded part as a fraction. c) Appreciate writing tenths in different situations.	Learners are guided to identify a tenth. In groups, learners are guided to divide a unit square into 10 equal parts, shade one of the ten parts and write the shaded part as a fraction.	How do we write a tenth?	KLB Mathematics Learner's Book Grade 4 pg. 65-66 Place value apparatus Number charts Number cards Digital devices	Oral questions Oral Report Observation Written exercise	
	2	Numbers	Decimals	a) Identify a hundredth. b) Take a 100 square grid and shade 10 of the parts and write the shaded part	Learners are guided to identify a hundredth In groups, learners are	How do you hundredths?	KLB Mathematics Learner's Book Grade 4 pg.66-67 Place value	Oral questions Oral Report Observation	

				as a fraction. c) Appreciate writing hundredths in different situations.	guided to take a 100 square grid and shade 10 of the parts and write the shaded part as a fraction		apparatus Number charts Number cards Digital devices	Written exercise	
	3	Numbers	Decimals	By the end of the lesson, the learner should be able to: a) Discuss how to write tenths using decimal notation. b) Write tenths using decimal notation in different situations. c) Appreciate writing tenths using decimal notation in different situations.	Learners are guided to Discuss how to write tenths using decimal notation In groups, learners are guided to write tenths using decimal notation in different situations	How do write hundredths using decimal notation?	KLB Mathematics Learner's Book Grade 4 pg. 67-70 Place value apparatus Number charts Number cards Digital devices	Oral questions Oral Report Observation Written exercise	
	4	Numbers	Decimals	By the end of the lesson, the learner should be able to: a) Discuss how to write hundredths using decimal notation. b) Write hundredths using decimal notation in different situations. c) Appreciate writing hundredths using decimal notation in different situations.	Learners are guided to read and write numbers up to 500 in words from number charts. In groups, learners are guided to use numbers up to 500 in real life	How do write tenths using decimal notation?	KLB Mathematics Learner's Book Grade 4 pg. 67-70 Place value apparatus Number charts Number cards Digital devices	Oral questions Oral Report Observation Written exercise	
	5	Numbers	Decimals	By the end of the lesson, the learner should be able to: a) Identify how to find the place value of decimals up to tenths b) Use an abacus to	Learners are guided to identify how to find the place value of decimals up to tenths. In pairs, learners are	How do you find the place value of decimals up to tenths?	KLB Mathematics Learner's Book Grade 4 pg. 70-72 Place value apparatus Number charts	Oral questions Oral Report Observation Written exercise	

				represent the place value of decimals up to tenths c) Have fun and enjoy finding the place value of decimals up to tenths.	guided to use an abacus to represent the place value of decimals up to tenths.		Number cards Digital devices		
3	**1**	Numbers	Decimals	By the end of the lesson, the learner should be able to: a) Identify the place value of decimals up to hundredths b) Write the place value of decimals up to hundredths using the place value chart or abacus c) Have fun and enjoy finding the place value of decimals up to hundredths.	Learners are guided to identify the place value of decimals up to hundredths. In pairs, learners are guided to write the place value of decimals up to hundredths using the place value chart or abacus.	How do you find the place value of decimals up to hundredths?	KLB Mathematics Learner's Book Grade 4 pg. 72-74 Place value apparatus Number charts Number cards Digital devices	Oral questions Oral Report Observation Written exercise	
	2	Numbers	Decimals	By the end of the lesson, the learner should be able to: a) Discuss how to order decimals up to tenths from the smallest to the largest. b) Order tenths from the smallest to the largest in different situation. c) Have fun and enjoy ordering tenths from the smallest to the largest in different situations	Learners are guided to Discuss how to order decimals up to tenths from the smallest to the largest. In groups, pairs or individually, learners are guided to order tenths from the smallest to the largest in different situation.	How do you order tenths from the smallest to the largest?	KLB Mathematics Learner's Book Grade 4 pg. 74-76 Place value apparatus Number charts Number cards Digital devices	Oral questions Oral Report Observation Written exercise	
	3	Numbers	Decimals	By the end of the lesson, the	Learners are guided to	How do you	KLB Mathematics	Oral	

				learner should be able to: a) Discuss how to order decimals up to tenths from the largest to the smallest. b) Order tenths from the largest to the smallest in different situation. c) Have fun and enjoy ordering tenths from the largest to the smallest in different situations	discuss how to order decimals up to tenths from the largest to the smallest. In groups, pairs or individually, learners are guided to order tenths from the largest to the smallest in different situation.	order tenths from the largest to the smallest?	Learner's Book Grade 4 pg. 74-76 Place value apparatus Number charts Number cards Digital devices	questions Oral Report Observation Written exercise	
	4	Numbers	Decimals	By the end of the lesson, the learner should be able to: a) Discuss how to order decimals up to hundredths from the smallest to the largest. b) Order decimals up to hundredths from the smallest to the largest in different situation. c) Have fun and enjoy ordering decimals up to hundredths from the smallest to the largest in different situations	Learners are guided to discuss how to order decimals up to hundredths from the smallest to the largest. In groups, learners are guided to order hundredths from the smallest to the largest in different situation.	How do you order hundredths from the smallest to the largest?	KLB Mathematics Learner's Book Grade 4 pg. 76-77 Place value apparatus Number charts Number cards Digital devices	Oral questions Oral Report Observation Written exercise	
	5	Numbers	Decimals	By the end of the lesson, the learner should be able to: a) Explain how to order decimals up to hundredths from the largest to the smallest. b) Order hundredths from	In groups, pairs or individually, learners are guided to explain how to order decimals up to hundredths from the largest to the smallest.	How do you order hundredths from the largest to the smallest?	KLB Mathematics Learner's Book Grade 4 pg. 76-77 Place value apparatus Number charts Number cards	Oral questions Oral Report Observation Written exercise	

				the largest to the smallest in different situation. c) Have fun and enjoy ordering hundredths from the largest to the smallest in different situations	Learners are guided to order hundredths from the largest to the smallest in different situation		Digital devices		
4	**1**	Measurement	Length	By the end of the lesson, the learner should be able to: a) Identify the centimeter as a unit of measuring length b) Write the centimeter as a unit of measuring length. c) Appreciate the centimeter as a unit of measuring length.	In groups, pairs or individually, learners are guided to identify the centimeter as a unit of measuring length In groups, learners are guided to write the centimeter as a unit of measuring length	What is a centimetre?	KLB Mathematics Learner's Book Grade 4 pg. 78 Place value apparatus Number charts Number cards Digital devices	Oral questions Oral Report Observation Written exercise	
	2	Measurement	Length	By the end of the lesson, the learner should be able to: a) Collect different items in class to measure. b) Measure the length of different items in class in centimetres c) Appreciate the measuring items in centimetres.	Learners to collect different items in class to measure. Learners are guided to measure the length of different items in class in centimetres	How do we measure length in centimetres?	KLB Mathematics Learner's Book Grade 4 pg. 78-79 Place value apparatus Number charts Number cards Digital devices	Oral questions Oral Report Observation Written exercise	
	3	Measurement	Length	By the end of the lesson, the learner should be able to: a) Observe as the teacher measures length of lines using a ruler b) Measure the length of lines in centimetres	Learners to observe as the teacher measures length of lines using a ruler Learners are guided to measure the length of lines in centimetres using	How do you measure the length of lines in centimetres?	KLB Mathematics Learner's Book Grade 4 pg. 80 Place value apparatus Number charts Number cards	Oral questions Oral Report Observation Written exercise	

				c) Appreciate measuring the length of lines in centimetres	a ruler.		Digital devices		
	4	Measurement	Length	By the end of the lesson, the learner should be able to: a) Estimate and measure the length of an item in centimetres b) Compare the estimates and the actual measurements and discuss the results c) Appreciate estimating and measuring the length of items in centimetres	Learners to estimate and measure the length of an item in centimetres. Learners are guided to compare the estimates and the actual measurements and discuss the results.	How do you estimate length?	KLB Mathematics Learner's Book Grade 4 pg. 81-82 Place value apparatus Number charts Number cards Digital devices	Oral questions Oral Report Observation Written exercise	
	5	Measurement	Length	By the end of the lesson, the learner should be able to: a) Observe a demonstration on how to convert metres to centimetres and centimetres to metres. b) Practise converting metres to centimetres and centimetres to metres. c) Appreciate the ability to convert metres to centimetres and centimetres to metres	In groups, pairs or individually, learners to observe a demonstration on how to convert metres to centimetres and centimetres to metres Learners are guided to practise converting metres to centimetres and centimetres to metres.	How do you convert centimetres to metres?	KLB Mathematics Learner's Book Grade 4 pg. 82-83 Place value apparatus Number charts Number cards Digital devices	Oral questions Oral Report Observation Written exercise	
5	**1**	Measurement	Length	By the end of the lesson, the learner should be able to: a) Explain how to convert	In groups, pairs or individually, learners are	What is the relationship	KLB Mathematics Learner's Book	Oral questions	

				metres to centimetres and centimetres to metres. b) Establish the relationship between metres and centimetres. c) Appreciate converting metres to centimetres and centimetres to metres.	guided to convert metres to centimetres and centimetres to metres Learners are guided to establish the relationship between metres and centimetres.	between metres and centimetres?	Grade 4 pg. 82-83 Place value apparatus Number charts Number cards Digital devices	Oral Report Observation Written exercise	
	2	Measurement	Length- Perimeter of plane figures	By the end of the lesson, the learner should be able to: a) State what perimeter is b) Demonstrate the perimeter of a plane figure. c) Appreciate the perimeter of plane figure.	Learners are guided to identify what perimeter is. In groups, learners are guided to demonstrate the perimeter of a plane figure.	What is perimeter?	KLB Mathematics Learner's Book Grade 4 pg. 84-85 Place value apparatus Number charts Number cards Digital devices	Oral questions Oral Report Observation Written exercise	
	3	Measurement	Length- Perimeter of plane figures	By the end of the lesson, the learner should be able to: a) Discuss how to find the perimeter of plane figures. b) Find the perimeter of shapes in different situations. c) Appreciate finding the perimeter of plane figures in real life.	Learners are guided to discuss how to find the perimeter of plane figures. In groups, learners are guided to find the perimeter of shapes in different situations.	How do you find the perimeter of plane figures?	KLB Mathematics Learner's Book Grade 4 pg. 84-85 Place value apparatus Number charts Number cards Digital devices	Oral questions Oral Report Observation Written exercise	
	4	Measurement	Length	By the end of the lesson, the learner should be able to: a) Discuss how to add length in metres and	In pairs or in groups, learners are guided to discuss how to add length in metres and	How do you add length in metres and centimetres?	KLB Mathematics Learner's Book Grade 4 pg. 85-86 Place value	Oral questions Oral Report Observation	

				centimetres b) Add length in metres and centimetres different situations. c) Have fun and enjoy adding length in metres and centimetres different situations.	centimetres. In groups, learners to add length in metres and centimetres different situations		apparatus Number charts Number cards Digital devices	Written exercise	
	5	Measurement	Length	By the end of the lesson, the learner should be able to: a) Discuss how to subtract length in metres and centimetres b) Subtract length in metres and centimetres different situations. c) Have fun and enjoy subtracting length in metres and centimetres different situations.	In pairs or in groups, learners are guided to discuss how to subtract length in metres and centimetres. In groups, learners are guided to subtract length in metres and centimetres different situations	How do you subtract length in metres and centimetres?	KLB; Mathematics Learner's Book Grade 4 pg. 87-88 Place value apparatus Number charts Number cards Digital devices	Oral questions Oral Report Observation Written exercise	
6	**MID TERM BREAK**								
7	**1**	Measurement	Length	By the end of the lesson, the learner should be able to: a) Discuss how to multiply length in metres and centimetres b) Multiply length in metres and centimetres different situations. c) Have fun and enjoy multiplying length in metres and centimetres different situations.	Learners are guided to discuss how to multiply length in metres and centimetres. In groups, learners are guided to multiply length in metres and centimetres different situations.	How do you multiply length in metres and centimetres ?	KLB Mathematics Learner's Book Grade 4 pg. 88-89 Place value apparatus Number charts Number cards Digital devices	Oral questions Oral Report Observation Written exercise	
	2	Measurement	Length	By the end of the lesson, the learner should be able to:	Learners are guided to	How do	KLB Mathematics	Oral	

				a) Discuss how to divide length in metres and centimetres b) Divide length in metres and centimetres different situations. c) Have fun and enjoy dividing length in metres and centimetres different situations.	discuss how to divide length in metres and centimetres. In groups, learners are guided to divide length in metres and centimetres different situations.	you divide length in metres and centimetres ?	Learner's Book Grade 4 pg. 90 Place value apparatus Number charts Number cards Digital devices	questions Oral Report Observation Written exercise	
	3	Measurement	Length	By the end of the lesson, the learner should be able to: a) Use IT devices to learn more about length in metres and centimetres. b) Play digital games involving length in metres and centimetres. c) Appreciate the application of subtraction in real life situations.	In pairs or individually, learners are guided to use IT devices to learn more about length in metres and centimetres In pairs or individually, learners are guided to play digital games involving length in metres and centimetres	What have you learnt about length?	KLB Mathematics Learner's Book Grade 4 pg. 90 Place value apparatus Number charts Number cards Digital devices	Oral questions Oral Report Observation Written exercise	
	4	Measurement	Area	By the end of the lesson, the learner should be able to: a) Identify what area is. b) Compare the area of different surfaces in class. c) Have fun and enjoy comparing the area of different surfaces.	In pairs or individually, learners are guided to identify what area is. In groups, learners are guided to compare the area of different surfaces in class.	What is area?	KLB Mathematics Learner's Book Grade 4 pg. 91-93 Place value apparatus Number charts Number cards Digital devices	Oral questions Oral Report Observation Written exercise	
	5	Measurement	Area	By the end of the lesson, the learner should be able to: a) Trace and cut out surfaces b) Compare the surfaces and identify which surface has	Learners are guided to trace and cut out surfaces. In pairs or individually,	Which surface has bigger area?	KLB Mathematics Learner's Book Grade 4 pg. 91-93 Place value apparatus	Oral questions Oral Report Observation Written	

				bigger or smaller area c) Appreciate comparing the area of surfaces of different items.	learners are guided to compare the surfaces and identify which surface has bigger or smaller area		Number charts Number cards Digital devices	exercise	
8	**1**	Measurement	Area-Square	By the end of the lesson, the learner should be able to: a) Obtain unit squares b) Use the unit squares to find the area of given squares c) Appreciate using unit squares to measure area of squares	Learners are guided to obtain unit squares from cut outs In groups, learners are guided to use the squares to find the area of given squares	Where is area applied in real life?	KLB Mathematics Learner's Book Grade 4 pg. 93-95 Place value apparatus Number charts Number cards Digital devices Multiplication table	Oral questions Oral Report Observation Written exercise	
	2	Measurement	Area-rectangle	By the end of the lesson, the learner should be able to: a) Observe how to find the area of rectangles using unit squares b) Use the squares to find the rectangle of given squares c) Appreciate using unit squares to measure area of rectangles	Learners are guided to observe how to find the area of rectangles using unit squares. In groups, learners are guided to use the squares to find the rectangle of given squares.	How do you use a unit square to find area?	KLB Mathematics Learner's Book Grade 4 pg. 95-97 Place value apparatus Number charts Number cards Digital devices Multiplication table	Oral questions Oral Report Observation Written exercise	
	3	Measurement	Area	By the end of the lesson, the learner should be able to: a) Explain how to find area of a square by multiplying rows and columns. b) Calculate the area of squares by multiplying rows and columns c) Appreciate finding area by multiplying rows and columns	Learners are guided to discuss how to find area of a square by multiplying rows and columns. In pairs or individually, learners are guided to calculate the area of squares by multiplying	How do you find area of a square?	KLB Mathematics Learner's Book Grade 4 pg. 97-98 Place value apparatus Number charts Number cards Digital devices Multiplication table	Oral questions Oral Report Observation Written exercise	

					rows and columns				
	4	Measurement	Area	By the end of the lesson, the learner should be able to: a) Explain how to find area of a rectangle by multiplying rows and columns. b) Calculate the area of rectangles by multiplying rows and columns c) Appreciate finding area of rectangles by multiplying rows and columns	Learners are guided to discuss how to find area of a rectangle by multiplying rows and columns In pairs or individually, learners are guided to calculate the area of rectangles by multiplying rows and columns	How do you find area of a rectangle?	KLB Mathematics Learner's Book Grade 4 pg. 98-99 Place value apparatus Number charts Number cards Digital devices Multiplication table	Oral questions Oral Report Observation Written exercise	
	5	Measurement	Area	By the end of the lesson, the learner should be able to: a) Use IT devices to learn more about area. b) Play games involving areas c) Appreciate learning more on area using IT devices	Learners are guided to Use IT devices to learn more about area. In pairs or individually, learners are guided to play games involving areas	Where is area applied in real life?	KLB Mathematics Learner's Book Grade 4 pg. 100-101 Place value apparatus Number charts Number cards Digital devices Multiplication table	Oral questions Oral Report Observation Written exercise	
9	**1**	Measurement	Mass	By the end of the lesson, the learner should be able to: a) Identify what mass is b) Prepare 1 kg masses c) Have fun and enjoy preparing 1 kg masses	Learners are guided to identify what mass is In pairs or individually, learners are guided to prepare 1 kg masses	What is mass?	KLB Mathematics Learner's Book Grade 4 pg. 102 Place value apparatus Number charts Number cards Digital devices Multiplication table	Oral questions Oral Report Observation Written exercise	
	2	Measurement	Mass	By the end of the lesson, the learner should be able to: a) Use the I kg mass prepared to	Learners are guided to use the I kg mass prepared to measure	How do you prepare masses?	KLB Mathematics Learner's Book Grade 4 pg. 102	Oral questions Oral Report	

				measure mass of different items b) Discuss the results in class c) Have fun and enjoy measuring mass using I kg mass.	mass of different items In pairs or individually, learners are guided to discuss the results in class		Place value apparatus Number charts Number cards Digital devices Multiplication table	Observation Written exercise	
	3	Measurement	Mass	By the end of the lesson, the learner should be able to: a) Identify and prepare ½ kg masses with guidance from the teacher b) Use the ½ kg masses to measure mass of items and discuss the results c) Have fun and enjoy measuring mass of items using ½ kg mass.	In pairs or individually, learners are guided to prepare ½ kg masses with guidance from the teacher Learners are guided to use the ½ kg masses to measure mass of items and discuss the results	How do you prepare ½ kg mass?	KLB Mathematics Learner's Book Grade 4 pg. 102-103 Place value apparatus Number charts Number cards Digital devices Multiplication table	Oral questions Oral Report Observation Written exercise	
	4	Measurement	Mass	By the end of the lesson, the learner should be able to: a) Identify and prepare ¼ kg masses with guidance from the teacher b) Use the ¼ kg masses to measure mass of items and discuss the results c) Have fun and enjoy measuring mass of items using ¼ kg mass. d)	In pairs or individually, learners are guided to prepare ¼ kg masses with guidance from the teacher Learners are guided to use the ¼ kg masses to measure mass of items and discuss the results	How do you prepare ¼ kg mass?	KLB Mathematics Learner's Book Grade 4 pg. 103-104 Place value apparatus Number charts Number cards Digital devices Multiplication table	Oral questions Oral Report Observation Written exercise	
	5	Measurement	Mass	By the end of the lesson, the learner should be able to: a) Calculate mass in ½ kilogram and ¼ kilogram b) Use IT devices to learn more on half and quarter kilogram masses c) Appreciate calculating mass in	In pairs or individually, learners are guided to calculate mass in ½ kilogram and ¼ kilogram In groups, learners are guided to use IT devices	Have you ever bought items in ½ and ¼ kilograms?	KLB Mathematics Learner's Book Grade 4 pg. 104-105 Place value apparatus Number charts Number cards Digital devices	Oral questions Oral Report Observation Written exercise	

				½ kilogram and ¼ kilogram in real life situation.	to learn more on half and quarter kilogram masses				
10	**1**	Measurement	Mass	By the end of the lesson, the learner should be able to: a) Discuss how to add mass in kilograms b) Add mass in kilograms in real life situations. c) Have fun and enjoy adding mass kilograms in real life situations.	In pairs or individually, learners are guided to discuss how to add mass in kilograms. In groups, learners are guided to add mass in kilograms in real life situations	How do you add mass in kilograms?	KLB Mathematics Learner's Book Grade 4 pg. 105-106 Place value apparatus Number charts Number cards Digital devices	Oral questions Oral Report Observation Written exercise	
	2	Measurement	Mass	By the end of the lesson, the learner should be able to: a) Discuss how to subtract mass in kilograms b) Subtract mass in kilograms in real life situations. c) Have fun and enjoy subtracting mass kilograms in real life situations.	In pairs or individually, learners are guided to discuss how to subtract mass in kilograms. In groups, learners are guided to subtract mass in kilograms in real life situations	How do you subtract mass in kilograms?	KLB Mathematics Learner's Book Grade 4 pg. 106 Place value apparatus Number charts Number cards Digital devices	Oral questions Oral Report Observation Written exercise	
	3	Measurement	Mass	a) Learn more on addition and subtraction of mass in kilograms using IT devices. b) Play digital games involving mass in kilograms c) Appreciate learning more on addition and subtraction of mass in kilograms.	In pairs or individually, learners are guided to use IT devices to learn more on addition and subtraction of mass in kilograms.	What is the importance of mass in real life?	KLB Mathematics Learner's Book Grade 4 pg. 106 Place value apparatus Number charts Number cards Digital devices	Oral questions Oral Report Observation Written exercise	
	4	Measurement	Volume	By the end of the lesson, the learner should be able to: a) Identify cubes and cuboids. b) Count the number of faces and edges of cubes and cuboids.	In pairs or individually, learners are guided to identify cubes and cuboids In groups, learners to	What is a cube?	KLB Mathematics Learner's Book Grade 4 pg. 107 Place value apparatus	Oral questions Oral Report Observation Written	

				c) Appreciate identifying cubes and cuboids.	count the number of faces and edges of cubes and cuboids		Number charts Number cards Digital devices	exercise	
	5	Measurement	Volume	By the end of the lesson, the learner should be able to: a) Make models of cubes and cuboids using clay, plasticine and paper mache. b) Discuss the models made in class. c) Have fun modeling cubes and cuboids	Learners are guided to make models of cubes and cuboids using clay, plasticine and paper mache In pairs or individually, learners are guided to discuss their models	How many sides do a cube has?	KLB Mathematics Learner's Book Grade 4 pg. 107-108 Place value apparatus Number charts Number cards Digital devices Equivalent fraction board	Oral questions Oral Report Observation Written exercise	
11	**1**	Measurement	Volume	By the end of the lesson, the learner should be able to: a) Sort cubes and cuboids. b) Learn more about cubes and cuboids using IT devices. c) Appreciate cubes and cuboids	Learners are guided to sort cubes and cuboids. In groups, learners are guided to learn more about cubes and cuboids using IT devices	How man sides and edges do a cuboid have?	KLB Mathematics Learner's Book Grade 4 pg. 107-108 Place value apparatus Number charts Number cards Digital devices	Oral questions Oral Report Observation Written exercise	
	2	Measurement	Volume	By the end of the lesson, the learner should be able to: a) Identify a unit cube. b) Use unit cubes to form other larger cubes. c) Appreciate making larger cubes using a unit cube.	Learners are guided to use unit cubes to form other larger cubes	What is a unit cube?	KLB Mathematics Learner's Book Grade 4 pg.108 Place value apparatus Number charts Number cards Digital devices	Oral questions Oral Report Observation Written exercise	
	3	Measurement	Volume	By the end of the lesson, the learner should be able to: a) State how to find the volume of a cube.	Learners are guided to find the volume of a cube by counting the number of cubes in a	How do you find the volume of a cube?	KLB Mathematics Learner's Book Grade 4 pg. 108-109 Place value	Oral questions Oral Report Observation	

				b) Find the volume of a cube by counting the number of cubes in a stack. c) Appreciate finding the volume of cubes.	stack.		apparatus Number charts Number cards Digital devices	Written exercise	
	4	Measurement	Volume	By the end of the lesson, the learner should be able to: a) Talk about how to find volume of cubes using the formula. b) Use IT devices to play games involving volume of a cube. c) Have fun playing digital games involving volume of cubes.	Learners are guided to use IT devices to play games involving volume of a cube	Do you know how to find the volume of a cube?	KLB Mathematics Learner's Book Grade 4 pg. 108-109 Place value apparatus Number charts Number cards Digital devices	Oral questions Oral Report Observation Written exercise	
	5	Measurement	Volume	a) Tell how to make a cuboid using unit cubes b) Arrange unit cubes to form cuboids. c) Enjoy making cuboids using unit cubes.	Learner to tell how to make a cuboid using unit cubes. Learners are guided to arrange unit cubes to form cuboids.	How many faces does a cuboid have?	KLB Mathematics Learner's Book Grade 4 pg. 109-110 Place value apparatus Number charts Number cards Digital devices	Oral questions Oral Report Observation Written exercise	
12	**1**	Measurement	Volume	a) Discuss how to find the volume of a cuboid. b) Work out the volume of cuboids. c) Appreciate finding the volume of a cuboid.	In groups, Discuss how to find the volume of a cuboid. Learners are guided to work out the volume of cuboids.	How do you find the volume of a cuboid?	KLB Mathematics Learner's Book Grade 4 pg. 111-112 Place value apparatus Number charts Number cards Digital devices	Oral questions Oral Report Observation Written exercise	
	2	Measurement	Volume	By the end of the lesson, the learner should be able to: a) Use digital devices to learn	Learners are guided to use digital devices to learn more about	What did you learn about	KLB Mathematics Learner's Book Grade 4 pg. 111-112	Oral questions Oral Report	

				more about volume of a cuboid. b) Play digital games involving cuboids. c) Have fun playing digital games involving cuboids.	volume of a cuboid. Learner to play digital games involving cuboids.	cuboids?	Place value apparatus Number charts Number cards Digital devices	Observation Written exercise	
	3	Measurement	Capacity	By the end of the lesson, the learner should be able to: a) Identify items sold in litres. b) Use a 1 litre container to measure the capacity of containers. c) Appreciate measuring capacity using a 1 litre container.	Learners are guided to use a 1 litre container to measure the capacity of containers.	What is capacity?	KLB Mathematics Learner's Book Grade 4 pg. 113 Place value apparatus Number charts Number cards Digital devices	Oral questions Oral Report Observation Written exercise	
	4	Measurement	Capacity	By the end of the lesson, the learner should be able to: a) Use It devices to learn more on measuring capacity in litres. b) Play digital games involving capacity in litres. c) Appreciate measuring capacity in litres.	Learners are guided to use IT devices to learn more on measuring capacity in litres.	How do you measure capacity in litres?	KLB Mathematics Learner's Book Grade 4 pg. 113 Place value apparatus Number charts Number cards Digital devices	Oral questions Oral Report Observation Written exercise	
	5	Measurement	Capacity	By the end of the lesson, the learner should be able to: a) Identify items sold in ½ containers. b) Use a ½ litre container to measure the capacity of containers. c) Appreciate measuring capacity using a ½ litre container.	In groups, pairs or individually, learners are guided to use a ½ litre container to measure the capacity of containers.	How do you measure capacity in1/2 litres?	KLB Mathematics Learner's Book Grade 4 pg. 133-114 Place value apparatus Number charts Number cards Digital devices	Oral questions Oral Report Observation Written exercise	
13			**REVISION/END OF TERM EXAM**						