

2021 RECOVERY ANNUAL TEACHING PLAN – CONTENT OVERVIEW: MATHEMATICS: GRADE R – 3

		GRADE R	GRADE 1	GRADE 2	GRADE 3
CONTENT AREA	NUMBERS, OPERATIONS AND RELATIONSHIPS	<ul style="list-style-type: none"> Count concrete objects up to 10. Count forwards and backwards up to 10 Read and write number symbols up to 10 Read and write number names up to 5 Compare and order numbers up to 10. Addition and subtraction in context and context free up to 10 Money problems up to R10 	<ul style="list-style-type: none"> Count concrete objects up to 100. Count forwards and backwards up to 100 Read and write number symbols up to 20. Read and write number names up to 10. Compare and order objects to up to 20. Compare and order numbers up to 20. Place value: Tens and Ones up to 20 Number bonds up to 10 Mental Maths up to 20 Addition and subtraction in context and context free up to 20 Addition and subtraction facts up to 20 Repeated addition leading to multiplication up to 20. Grouping and sharing up to 20. Money problems up to R20 	<ul style="list-style-type: none"> Count concrete objects up to 200. Count forwards and backwards up to 200 Read and write number symbols up to 200. Read and write number names up to 100. Compare and order numbers up to 200. Place value: Hundreds, Tens and Ones up to 200 Number bonds up to 20 Addition and subtraction in context and context free up to 100 Multiplication up to 100 Grouping and sharing up to 100. Sharing leading to fractions. Money problems up to R100 	<ul style="list-style-type: none"> Count forwards and backwards up to 1000 Read and write number symbols up to 1000. Read and write number names up to 1000. Compare and order numbers up to 1000. Place value: Thousands, Hundreds, Tens and Ones up to 1000 Number bonds up to 30 Addition and subtraction of 3-digit numbers by 3 digits with crossing over to 10s and 100s up to 1000 in context and context free calculations Money (solve money problems and convert between rands and cents) Multiplication: 1-9 times tables 1×10 to 100 Grouping and sharing leading to division up to 100 (with and without remainders) Sharing leading to fractions.
	PATTERNS, FUNCTIONS AND ALGEBRA	<ul style="list-style-type: none"> Geometric patterns 	<ul style="list-style-type: none"> Geometric patterns Number patterns up to 100 	<ul style="list-style-type: none"> Geometric patterns Number patterns up to 200 	<ul style="list-style-type: none"> Geometric patterns Number patterns up to 1 000
	SPACE AND SHAPE	<ul style="list-style-type: none"> 3-D objects 2-D shapes Position, orientation and views 	<ul style="list-style-type: none"> 3-D objects 2-D shapes Position, orientation and views 	<ul style="list-style-type: none"> 3-D objects 2-D shapes Position, orientation and views Symmetry 	<ul style="list-style-type: none"> 3-D objects 2-D shapes Position, orientation and views Symmetry
	MEASUREMENT	<ul style="list-style-type: none"> Time Mass Length Capacity/Volume 	<ul style="list-style-type: none"> Time Mass Length Capacity/Volume 	<ul style="list-style-type: none"> Time Mass Length Capacity/Volume 	<ul style="list-style-type: none"> Time Mass Length Capacity/Volume Perimeter and Area
	DATA HANDLING	<ul style="list-style-type: none"> Collect and sort objects. Represent sorted objects. Discuss sorted collections (integrated with Time; Birthday calendar, Helpers chart, Height chart, Weather chart) 	<ul style="list-style-type: none"> Collect and sort objects. Represent sorted objects. Discuss sorted collections (integrated with Time; Birthday calendar) 	<ul style="list-style-type: none"> Collect and sort objects. Represent sorted objects. Discuss sorted collections: (pictographs with one-to-one correspondence) Analyse and interpret data 	<ul style="list-style-type: none"> Collect and sort objects. (Tallies, Tables) Represent sorted objects: (bar graphs) Discuss sorted collections. Analyse and interpret data

GRADE 3		GRADE 3 CONTENT OVERVIEW			
		TERM 1 (10 WEEKS)	TERM 2 (10 WEEKS)	TERM 3 (11 WEEKS)	TERM 4 (10 WEEKS)
		<ul style="list-style-type: none"> Baseline 	<ul style="list-style-type: none"> Diagnostic 1 	<ul style="list-style-type: none"> Diagnostic 2 	<ul style="list-style-type: none"> Endline / Preparing for Grade 4
CONTENT AREA	NUMBERS, OPERATIONS AND RELATIONSHIPS	<ul style="list-style-type: none"> Count concrete objects up to 200. Count forwards and backwards between 0 and 200 Read and write number symbols and number names 0 to 200 Compare and order numbers to 200. Place value: Hundreds, Tens and Ones Addition and subtraction in context up to 100 and context free up to 100 (using 2- digit to a place value of 3digits) Repeated Addition in context and context free leading to multiplication up to 50 Multiply numbers 1 to 10 by 2, 5, 3, 4 (\times, $=$, \square) Number bonds to 20 Grouping and sharing in context and context free leading to division up to 50 400. with remainders Sharing leading to fractions. Solve money problems involving totals and change in rands and cents. Mental Maths rapid recall $+$, $-$, $=$ facts to 20 	<ul style="list-style-type: none"> Count concrete objects up to 500 Count forwards and backwards between 0 and 500 Read and write number symbols and number names 0 to 500 Compare and order numbers to 500. Place value: Hundreds, Tens and Ones up to 500 Addition and subtraction in context and context free up to 500 (using 3- digit to a place value of 3digits) Repeated Addition in context and context free leading to multiplication up to 50 Multiply numbers 1 to 10 by 2, 5, 3, 4 (\times, $=$, \square) to 50 Number bonds to 20 Grouping and sharing in context and context free leading to division up to 75 with remainders Sharing leading to fractions. Solve money problems involving totals and change in rands and cents Mental Maths rapid recall $+$, $-$, $=$ facts to 20 	<ul style="list-style-type: none"> Count concrete objects up to 700 Count forwards and backwards between 0 and 700 Read and write number symbols and number names 0 to 700. Compare and order numbers to 700 Use ordinal numbers to show order, position up to 31st Place value: Hundreds, Tens and Ones up to 700 Addition and subtraction in context and context free up to 700 (using 3- digit to a place value of 3 digits) Repeated Addition in context and context free leading to multiplication up to 70 Multiply numbers 1 to 10 by 2, 5, 3, 4 (\times, $=$, \square) 100 Number bonds to 30 Grouping and sharing in context and context free leading to division up to 75 Sharing leading to fractions. Solve money problems involving totals and change in rands and cents Division up to 100 (with and without remainders) Money problems involving totals and change in rands and cents. Converting Rands and cents. 	<ul style="list-style-type: none"> Count forwards and backwards between 0 and 1000 Read and write number symbols and number names 0 to 1000 Compare and order numbers up to 1000. Place value: Thousands, Hundreds, Tens and Ones up to 1000 Addition and subtraction 3-digit numbers in context and context free up to 1 000 Repeated Addition in context and context free leading to multiplication up to 100 Multiply numbers 1 to 10 by 2, 5, 3, 4 (\times, $=$, \square) Number bonds up to 30 Solve money sums up to R100 and convert rands to cents Multiplication: 1-9 times tables 1×10 to 100 Grouping and sharing up to 100 Division up to 100 (with and without remainders) Sharing leading to fractions. Money problems involving totals and change in rands and cents. Converting Rands and cents.
	PATTERNS, FUNCTIONS AND ALGEBRA	<ul style="list-style-type: none"> Geometric patterns (Integrated with 3-D objects) 	<ul style="list-style-type: none"> Geometric patterns (Integrated with 2-D shapes) Number patterns (Integrated into counting) to at least 500 	<ul style="list-style-type: none"> Number patterns (Integrated into counting) to 700 	<ul style="list-style-type: none"> Number patterns (Integrated into counting) to 1000
	SPACE AND SHAPE	<ul style="list-style-type: none"> 3-D objects (Integrated with Geometric patterns) 	<ul style="list-style-type: none"> 2-D shapes Symmetry 	<ul style="list-style-type: none"> Position and directions (on an informal map) 	<ul style="list-style-type: none"> Position, orientation and views
	MEASUREMENT	<ul style="list-style-type: none"> Time 	<ul style="list-style-type: none"> Mass (kg, g) 	<ul style="list-style-type: none"> Length (m, cm) Perimeter 	<ul style="list-style-type: none"> Capacity and volume (ml, l) (Measurement integrated into 4 basic operations through word problems) Area
	DATA HANDLING	<ul style="list-style-type: none"> Tally tables, Tables, Bar graphs 	<ul style="list-style-type: none"> (Integrated into other content areas) 	<ul style="list-style-type: none"> (Integrated into other content areas) 	<ul style="list-style-type: none"> (Integrated into other content areas)
CORE CONCEPTS, SKILLS AND VALUES		<ul style="list-style-type: none"> Count concrete objects up to 200. Count forwards and backwards up to 200 Read and write number symbols up to 200. Read and write number names up to 100. Compare and order numbers up to 200. Place value: Hundreds, Tens and Ones up to 200 Number bonds to 20 Practical addition and subtraction in context and context free up to 100 Multiplication up to 100 Grouping and sharing up to 100. Money up to R100. 	<ul style="list-style-type: none"> Count concrete objects up to 500. Count forwards and backwards up to 500 Read and write number symbols up to 200. Read and write number names up to 100. Compare and order numbers up to 200. Place value: Hundreds, Tens and Ones up to 500 Number bonds to 20 Practical addition and subtraction in context and context free up to 100 Repeated Addition and Grouping and sharing up to 100. Money problems 	<ul style="list-style-type: none"> Count forwards and backwards up to 700 Place value 700. Add and subtract up to 500. Multiply single digits by two digits Money: simple calculations Copy, extend and describe simple number patterns in words. Interpret and answer questions about simple maps. Tell and calculate elapsed time, interpret calendar. Estimate, measure, compare, mass 	<ul style="list-style-type: none"> Count forwards and backwards up to 1000 Identify Place value TH, H, T and O Add and subtract up to 700 Multiply single digits by two digits up to 100 Solve money problems Copy, extend and describe simple number patterns in words. Tell and calculate elapsed time, interpret calendar.
REQUISITE PRE-KNOWLEDGE		<ul style="list-style-type: none"> Place value up to 200 Number bonds to 20 Practical addition and subtraction in context and context free up to 100 	<ul style="list-style-type: none"> Place Value up to 400 Number bonds to 20 	<ul style="list-style-type: none"> Read number symbols 500. Write number symbols up to 500. Compare and order numbers to 500. Place value 500 	<ul style="list-style-type: none"> Place value up to 700 Number bonds to 20 Practical addition and subtraction in context and context free up to 700

	<ul style="list-style-type: none"> • Multiplication up to 75 • Grouping and Sharing up to 60. • Money (integrated into word problem solving) 	<ul style="list-style-type: none"> • Solve word problems in context and explain own solutions to problems that involve equal sharing and grouping up to 20 with answers that may include remainders. • Group counting to 200 • Copy and extend simple Geometric patterns using physical objects and drawings. 	<ul style="list-style-type: none"> • Number bonds to 20 • Practical addition and subtraction in context and context free up to 500 • Multiplication 20 	<ul style="list-style-type: none"> • Multiplication 75 • Group and Share up to 75 • Money (integrated into word problem solving) 		
	<ul style="list-style-type: none"> • Worksheets/classwork book • Counters, Abacus, Number board, Number Line • Play money, Flard cards. • Clock, Calendar (as part of daily warm up activities) • Array Diagram • Flard cards; Dienes Blocks 	<ul style="list-style-type: none"> • DBE Workbook • Worksheets/classwork book • Counters, Abacus, Number board • Fraction board, strips, and circles • Flard cards; Dienes Blocks • Cut-out 2-D shapes • Bricks, blocks, books, scale • Number Line • Scale 	<ul style="list-style-type: none"> • DBE Workbook • Worksheets/classwork book • Counters, Abacus, Number board, Number Line • Play money, • Simple maps • Tape measure, trundle wheel • Grid paper • Scale • Flard cards.; Dienes Blocks 	<ul style="list-style-type: none"> • DBE Workbook • Worksheets/classwork book • Counters, Abacus, Number board, Number Line • Play money, Flard cards. • Bottles, cups, teaspoons 		
INFORMAL ASSESSMENT		<ul style="list-style-type: none"> • Daily activities as in the Core Concepts 				
SBA (Formal Assessment)	CONTENT AREA	NO. OF TASKS	WEIGHTING			
			% AS PER CAPS	POSSIBLE NUMBER OF SKILLS	POSSIBLE NUMBER OF SKILLSS	POSSIBLE NUMBER OF SKILLS
	NOR	ONE formal task per term	58%	9	11	15
	PFA		10%	1	2	3
	SS		13%	2	3	3
	M		14%	2	3	4
	DH		5%	1	1	1
	TOTAL: 100%		15	20	25	
ASSESSMENT		TASK/S FORMAT	<ul style="list-style-type: none"> • Oral, Practical and /or Written 			
		TERMS 1 - 3	<ul style="list-style-type: none"> • Observation and continuous assessment (record observations daily) integrated into lesson time per DBE directive 			
		TERM 4	<ul style="list-style-type: none"> • Observation and continuous assessment (record observations daily) integrated into lesson time. • Final formative assessment at the end of term (recording and progression meetings-2 weeks) 			

2021 Recovery Annual Teaching Plan – Term 2: **MATHEMATICS: Grade 3**

Term 2 49 days	Week 1&2	Week 3&4	Week 5&6	Week 7&8	Week 9&10
CAPS	NUMBER OPERATIONS & RELATIONSHIPS <ul style="list-style-type: none"> Counting in multiples up to 200 Number symbols and names to 200 Place value Context free calculations involving addition and subtraction up to 200 	NUMBER OPERATIONS & RELATIONSHIPS <ul style="list-style-type: none"> Count in multiples up to 300 Place value to 400 Solve number problems in context and context free involving addition and subtraction up to 400 Money SPACE & SHAPE: <ul style="list-style-type: none"> 2-D Shapes Symmetry DATA HANDLING: <ul style="list-style-type: none"> Collect and sort objects. Represent sorted objects. 	NUMBER OPERATIONS & RELATIONSHIPS <ul style="list-style-type: none"> Count in multiples up to 500 Repeated addition leading to multiplication up to 75 in context and context free Solving problems in context and explain solutions involving equal sharing and grouping up to 75 MEASUREMENT: <ul style="list-style-type: none"> Mass – informal 	NUMBER OPERATIONS & RELATIONSHIPS <ul style="list-style-type: none"> Count in multiples up to 500 Context free calculations +, -, □, = to 500 Fractions: diagram form. MEASUREMENT: <ul style="list-style-type: none"> Mass DATA HANDLING: <ul style="list-style-type: none"> Collect and sort objects Represent sorted objects Analyse and Interpret data 	NUMBER OPERATIONS & RELATIONSHIPS <ul style="list-style-type: none"> Place value to 500 Building up and breaking down numbers Fractions PATTERN FUNCTIONS & ALGEBRA <ul style="list-style-type: none"> Geometric Patterns
	<ul style="list-style-type: none"> COUNTING forwards and backwards in 2s, 5s, 3s, 4s, 10s up to 200 (from any multiples) integrated this with NUMBER PATTERNS MENTAL MATHS: <ul style="list-style-type: none"> 1 more / 1 less 2 more / 2 less 3 more / 3 less 10 more / 10 less Addition and subtraction facts to 20 (number bonds) Multiplication facts to 20 (times tables) Doubling and halving up to 100 				
CORE CONCEPTS, SKILLS AND VALUES	NUMBER OPERATIONS & RELATIONSHIPS <ul style="list-style-type: none"> Count <ul style="list-style-type: none"> up to 200 objects forwards and backwards to 200 in 10s, 5s, 2s, up to 200 Read, write number symbols and names to 200 Place value to 200 Solve number problems in context and context free involving addition and subtraction up to 200 	NUMBER OPERATIONS & RELATIONSHIPS <ul style="list-style-type: none"> Count <ul style="list-style-type: none"> up to 300 objects forwards and backwards to 300 in 10s, 5s, 2s, up to 300 Place value to 400 Solve number problems in context and context free involving addition and subtraction up to 400 Solve +, -, money problems SPACE & SHAPE: 2-D SHAPES <ul style="list-style-type: none"> Range and shapes Features of shapes Symmetry PATTERNS, FUNCTIONS & ALGEBRA <ul style="list-style-type: none"> integrated into counting forwards and backwards. Copy, extend and describe simple patterns in words (in 2s & 5s) 	NUMBER OPERATIONS & RELATIONSHIPS <ul style="list-style-type: none"> Count <ul style="list-style-type: none"> up to 500 objects forwards and backwards to 500 in 10s, 5s, 2s, 3s, 4s up to 500 Repeated addition leading to multiplication up to 75 in context and context free calculations Solving problems in context and explain solutions involving equal sharing and grouping up to 75. MEASUREMENT: MASS <ul style="list-style-type: none"> Estimate, measure, compare, order, and record Mass using Balancing Scale and non-standard measures e.g. bricks, blocks. Describe the Mass of objects by counting and stating in Informal Units. Use language to talk about the comparison e.g. light, heavy, lighter, heavier etc. PATTERNS, FUNCTIONS & ALGEBRA <ul style="list-style-type: none"> integrated into counting forwards and backwards. Copy, extend and describe simple patterns in words (in 3s & 4s) 	NUMBER OPERATIONS & RELATIONSHIPS <ul style="list-style-type: none"> Count <ul style="list-style-type: none"> up to 500 objects forwards and backwards to 500 in 10s, 5s, 2s, 3s, 4s up to 500 Context free calculations +, -, □, = to 500 Fractions: half, third, quarters, eighths, in diagram form. Divide numbers to 50 by 2, 5, 4 using ÷, =, □ MEASUREMENT: MASS <ul style="list-style-type: none"> Describe the Mass of objects by counting and stating in Informal Units. Use language to talk about the comparison e.g. light, heavy, lighter, heavier etc. 	NUMBER OPERATIONS & RELATIONSHIPS <ul style="list-style-type: none"> Place value <ul style="list-style-type: none"> Decomposing and recomposing 3-digit numbers up to 500 Identify and state values of each digit Solve +, - problems in context up to 500 Build the fraction wall, halves, quarters, eighths. PATTERNS, FUNCTIONS & ALGEBRA <ul style="list-style-type: none"> Geometric patterns <ul style="list-style-type: none"> Copy, extend and describe simple Geometric patterns in words.
STRATEGIES	Building up and Breaking down;	Building up and Breaking down;	Building up and Breaking down;	Doubling and Halving;	Doubling and Halving;

Term 2 49 days	Week 1&2	Week 3&4	Week 5&6	Week 7&8	Week 9&10
REQUISITE PRE-KNOWLEDGE	<ul style="list-style-type: none"> Count in multiples of 2, 5, 10 Solve word problems in context and explain own solutions to problems that involve equal sharing and grouping up to 20 with answers that may include remainders. Copy and extend simple geometric patterns using physical objects and drawings. 	Number line <ul style="list-style-type: none"> Solve word problems in context and explains own solutions to problems involving repeated addition with answers up to 10. Use the appropriate symbols +, =, □ Do repeated addition to 10. Recognise and name 2-shapes, copy a picture made up geometric shapes. Work with circles and squares of different sizes, and triangles with different shapes 	Number line Fractions <ul style="list-style-type: none"> Sharing objects equally Compare and order the mass of two or more objects using non-standard measures and balancing scale. Use language to talk about the comparison e.g., light, heavy, lighter, heavier. Collect and sort everyday physical objects. Draw a picture of the sorted objects. Describe the sorted collection. 	Number line <ul style="list-style-type: none"> Knowledge of time of day Numbers 1 to 12 Bonds of numbers up to 20 Using the appropriate symbols: +, -, =, □ Solve word problems in context and explain own solution to problems involving addition and subtraction with answers up to 10. 	Number line <ul style="list-style-type: none"> Solve word problems in context and explain own solutions to problems involving repeated addition with answers up to 50. Use the appropriate symbols +, =, □ Repeated addition. Cut pictures in halves.
RESOURCES (other than textbook) to enhance learning	DBE Workbook Activity 33: Counting Target 200 pg. 76 Fill in the missing numbers pg. 77 Activity 34: Counting in groups pp. 78-79 Activity 35(a – b) Place Value pp. 80-81	DBE Workbook Activity 36: Data Handling pp.84-85 Activity 37a: Context free calculations pp 86-88 Problem Solving pg. 89 Activity 38: Problems in context- decomposing/ breakdown method pp.90-91 Activity 39: Addition and Subtraction calculations pp. 92-93 Activity 41: Target 300 - calculations, pp 96-97 method pp.90-91 Activity 42: Adding &Subtracting with 100s, pp 98-99 Activity 48: Symmetry pp.110-111	DEB Workbook Activity 47 Adding and subtracting pp.108-109 Activity 49 Counting up to 500 pp.112-113 Activity 50: Multiplication pg. 119 Activity 53: Multiplication, counting in 5s, linking 5s to money, pp.120–121 Activity 63: Grouping. pp. 140-141	DBE Workbook Activity 43: Target 400 counting on and backwards pp 100-101 Activity 44: Rounding off Mass pp.102 -103 Activity 50: Multiplication & division. pp. 114-115 Activity 51: Counting in 2s, 5s. pp. 116-117 Activity 55: Counting in 3s, 4s. pp. 124-125 Activity 64: Fun. Find the Rule. pp. 142-143	DBE Workbook Activity 45: Target 500 pp. 104-105 Activity 46: Adding and subtracting pp.106-107 Activity 57: Halves and quarters. pp. 128-129 Activity 58: Halves and thirds. pp. 130-131 Activity 61: Halves and doubles. pp. 136-137
	<ul style="list-style-type: none"> Number Board Worksheets/classwork book Counters, abacus, Number line 2-D shapes (cut-outs) 	<ul style="list-style-type: none"> Counters, abacus Worksheets/classwork book Number board 100 Number line 2-D Shapes cut-out and posters 	<ul style="list-style-type: none"> Worksheets/classwork book Fraction board, strips and circles Bricks, blocks, books, scale Number Line 	<ul style="list-style-type: none"> Clock Counters Worksheets/classwork book Number line 	<ul style="list-style-type: none"> Worksheets/classwork book Times table Array Diagrams
INFORMAL ASSESSMENT	ORAL, PRACTICAL, WRITTEN <ul style="list-style-type: none"> Continuous assessment prevails through observations. The onus is on the teacher to be cognisant of learner progress and vigilant about whether the learner learns meaningfully and with understanding. The teacher aptly records the observations made; this is integrated in the lesson time per DBE directive. 				
SBA (Formal Assessment)	ORAL: <ul style="list-style-type: none"> NUMBER OPERATIONS & RELATIONSHIPS 	WRITTEN: <ul style="list-style-type: none"> PATTERNS FUNCTIONS & ALGEBRA NUMBER OPERATIONS & RELATIONSHIPS 	PRACTICAL: <ul style="list-style-type: none"> SPACE AND SHAPE 	WRITTEN: <ul style="list-style-type: none"> NUMBER OPERATIONS & RELATIONSHIPS. DATA HANDLING 	WRITTEN: <ul style="list-style-type: none"> MEASUREMENT NUMBER OPERATIONS & RELATIONSHIPS
	Formal Assessment must be fair, reliable, and valid . The assessment must reveal what the learner knows, the onus is on the teacher to: <ul style="list-style-type: none"> Teach and assess well for learning gains. (AfL) Use an appropriate form of assessment so that the learner's knowledge and skills can be gauged, and the evidence of attainment can be justified at all times. 				