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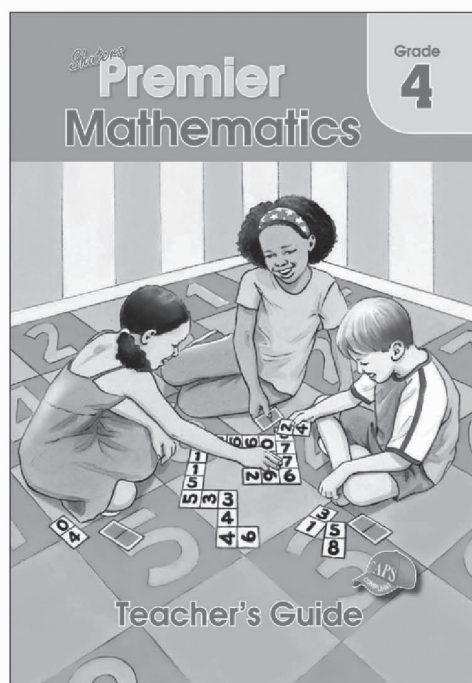
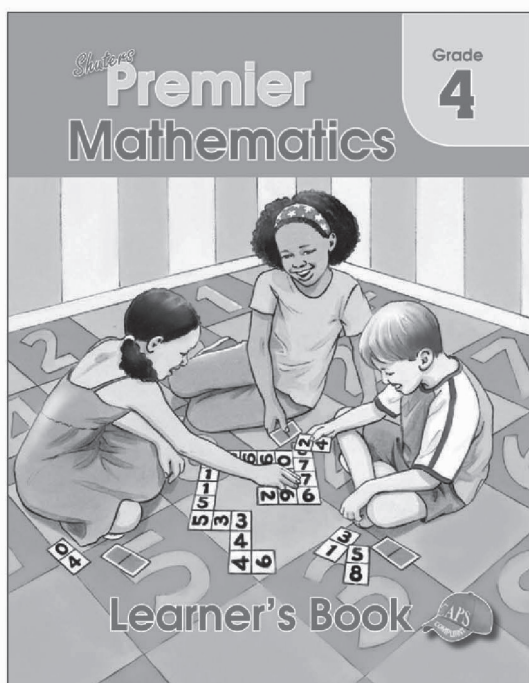
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Shuters Premier Mathematics



Grade

4



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TERM 1				
Mental Maths 10 min each day-8hrs				
WEEK	TOPIC	PAGE REF	RECORDING	REFLECTION
	Whole numbers: 2hrs	TG - P2 LB - P1		
	• Counting			
	• Ordering			
	• Comparing			
	• Representing			
	• Place value			
	Number Sentences	TG - P4 LB - P5		
	• Introduction to algebraic expressions 3hrs			
	Whole Numbers			
	• Addition and subtraction 8hrs	TG - P6 LB - P8		
	Assessment			
	Numeric Patterns 4hrs	TG - P8 LB - P13		
	• Investigate and extend			
	• Input and output values			
	• Equivalent forms			
	Whole Numbers :4hrs	TG - P10 LB - P18		
	• Multiplication			
	• Division			
	TIME: 6hrs	TG - P14 LB - P26		
	• Measurement			
	DATA HANDLING 10hrs	TG - P16 LB - P34		
	• Collect			
	• Draw pictographs and bar graphs			
	• Represent			
	• Analyse			
	• Interpret			
	• Report			
	PROPERTIES of 2D Shapes 4hrs	TG - P18 LB - P41		

WEEK	TOPIC	PAGE REF	RECORDING	REFLECTION
	• Analyse by answering questions			
	• Summarise verbally			
	• Distinguish, describe, sort and compare shapes			
	WHOLE NUMBERS 5hrs	TG - P20 LB - P44		
	• Multiplication			
	• Division			
	REVISION /ASSESSMENT	TG - P23 LB - P49		
	• Revision			
	• Formal Assessment Task:2 Common Test			
TERM 2				
Mental Maths 10 min each day-7hrs				
WEEK	TOPIC	PAGE REF	RECORDING	REFLECTION
	WHOLE NUMBERS 1hr	TG - P28		
		LB - P56		
	• Counting			
	• Ordering			
	• Comparing			
	• Representing			
	• Place value of digits			
	WHOLE NUMBERS 4hrs	TG - P31 LB - P61		
	• Properties of whole numbers			
	• Solving problems			
	COMMON FRACTIONS 6hrs	TG - P32 LB - P64		
	• Solving problems			
	• Describing and ordering fractions			
	• Calculations with fractions			
	• Equivalent forms			
	LENGTH 7hrs	TG - P34 LB - P69		
	• Practical measuring 2D and 3D shapes			
	• Using measuring instruments			
	• Conversion between units			

WEEK	TOPIC	PAGE REF	RECORDING	REFLECTION
	<ul style="list-style-type: none"> Calculations and problem solving 			
	WHOLE NUMBERS 6hrs	TG - P37 LB - P79		
	<ul style="list-style-type: none"> Multiply 2-digit by 2-digit numbers 			
	<ul style="list-style-type: none"> Calculation techniques 			
	<ul style="list-style-type: none"> Multiples and factors 			
	PROPERTIES OF 3D OBJECTS 5hrs	TG - P40 LB - P84		
	<ul style="list-style-type: none"> Know and name rectangular prisms, spheres, cylinders, cones and square based pyramids 			
	<ul style="list-style-type: none"> Create 3D models 			
	Formal Assessment Task 3: Test			
	GEOMETRIC PATTERNS 4hrs	TG - P42 LB - P89		
	<ul style="list-style-type: none"> Investigate and extend 			
	<ul style="list-style-type: none"> Input and output values 			
	SYMMETRY 6hrs	TG - P46 LB LB - P93		
	<ul style="list-style-type: none"> Recognize, draw and describe lines 			
	<ul style="list-style-type: none"> Addition and subtraction of whole numbers up to 4 digit 			
	WHOLE NUMBERS 4hrs	TG - P49 LB - P99		
	<ul style="list-style-type: none"> Division-3digit by 1digit numbers 			
	<ul style="list-style-type: none"> Multiples and factors, properties of numbers 			
	<ul style="list-style-type: none"> Solving problems, grouping and equal sharing with remainders, ratio and rate 			
	REVISION AND EXAMINATION	TG - P51 LB - P103		
	<ul style="list-style-type: none"> Revision 			
	<ul style="list-style-type: none"> Formal assessment - Task 4 (Mid-year exam) 			

TERM 3				
Mental maths 10min each day -8hrs				
WEEK	TOPIC	PAGE REF	RECORDING	REFLECTION
	CAPACITY / VOLUME 6hrs	TG - P58 LB - P114		
	• Measurement			
	• Solving problems using Capacity			
	• Conversions			
	COMMON FRACTIONS 5hrs	TG - P61 LB - P120		
	• Solving problems in context involving fractions			
	• Compare, order, describe common fractions			
	• Addition of common fractions with same denominators			
	• Equivalent forms			
	WHOLE NUMBERS 5hrs	TG - P66 LB - P130		
	• Counting, ordering, comparing, representing and place value			
	• Addition and subtraction techniques	TG- P68 LB- P133		
	• Properties of whole numbers			
	• Solving problems			
	Informal assessment			
	VIEWING OBJECTS- 2hrs PROPERTIES OF 2D OBJECTS- 3hrs	TG - P70 LB - P138 LB - P142		
	• Match different views			
	• Identify objects from different views			
	• Regular and irregular polygons			
	• Circles			
	• Number of side, straight and curved sides			
	DATA HANDLING- 7hrs	TG - P74 LB - P146		

WEEK	TOPIC	PAGE REF	RECORDING	REFLECTION
	<ul style="list-style-type: none"> Collecting and organizing data 			
	<ul style="list-style-type: none"> Representing data 			
	<ul style="list-style-type: none"> Analyzing, interpreting and reporting data 			
	<ul style="list-style-type: none"> Draw variety of graphs 			
	Formal assessment Task 5 -Test			
	NUMERIC PATTERNS - 4hrs	TG - P76 LB - P150 TG - P79 LB - P154		
	<ul style="list-style-type: none"> Investigate and extend patterns 			
	<ul style="list-style-type: none"> Addition and subtraction techniques (4 digit numbers) 			
	WHOLE NUMBERS- 5hrs	TG - P81 LB - P159		
	<ul style="list-style-type: none"> Multiples and factors 			
	<ul style="list-style-type: none"> Properties of whole numbers 			
	<ul style="list-style-type: none"> Solving problems 			
	NUMBER SENTENCES -6hrs TRANSFORMATIONS	TG P84 LB - P162 TG -P86 LB - P166		
	<ul style="list-style-type: none"> Write number sentences to describe a situation 			
	<ul style="list-style-type: none"> Solve number sentences 			
	<ul style="list-style-type: none"> Building composite shapes 			
	<ul style="list-style-type: none"> Tessellations 			
	<ul style="list-style-type: none"> Describe patterns 			
	Revision/Assessment	TG P87 LB P169		
	<ul style="list-style-type: none"> Revision Formal Assessment - Task 6-Project 			

TERM 4				
Mental maths 10min each day -7hrs				
WEEK	TOPIC	PAGE REF	RECORDING	REFLECTION
	WHOLE NUMBERS 1hr	TG - P92 LB - P178		
	<ul style="list-style-type: none"> Counting, ordering, comparing, representing and place value (4digit numbers) 			
	<ul style="list-style-type: none"> Addition and subtraction 			
	WHOLE NUMBERS -4hrs	TG - P94 LB - P181		
	<ul style="list-style-type: none"> Addition and subtraction 			
	<ul style="list-style-type: none"> Division (3digit by 1digit) 			
	<ul style="list-style-type: none"> Estimating, measuring and comparing 			
	MASS PROPERTIES OF 3DIGIT OBJECTS -10hrs	TG- P96 LB- P184 TG P-100 LB - P192		
	<ul style="list-style-type: none"> Estimating measuring and comparing 			
	<ul style="list-style-type: none"> Regular prism, spheres cylinders, cones and squared based pyramids 			
	<ul style="list-style-type: none"> Shapes of faces 			
	<ul style="list-style-type: none"> Flat and curved faces 			
	Formal assessment Task =7 -Investigation			
	COMMON FRACTIONS - AREA-PERIMETER AND VOLUME -12hrs	TG - P102 LB - P195 TG -105 LB -P201		
	<ul style="list-style-type: none"> Solving problems 			
	<ul style="list-style-type: none"> Describing and ordering fractions 			
	<ul style="list-style-type: none"> Calculations 			
	<ul style="list-style-type: none"> Measurement of Area, Perimeter and Volume 			
	POSITION AND MOVEMENT TRANSFORMATIONS -5hrs	TG - P109 LB - P209 TG - P110 LB - P212		

WEEK	TOPIC	PAGE REF	RECORDING	REFLECTION
	<ul style="list-style-type: none"> Locate positions of objects, drawings or symbols on grid 			
	<ul style="list-style-type: none"> Locate position of the object on the map 			
	<ul style="list-style-type: none"> Building composite shapes 			
	<ul style="list-style-type: none"> Tessellations 			
	<ul style="list-style-type: none"> Describe patterns 			
	Formal assessment Task 8 -Assignment			
	GEOMATRIC PATTERNS PROBABILITY 4hrs	TG - P111 LB - P214 TG - P115 LB - P219		
	<ul style="list-style-type: none"> Investigate and extend patterns 			
	<ul style="list-style-type: none"> Determine input and output values 			
	<ul style="list-style-type: none"> Tossing a coin 			
	<ul style="list-style-type: none"> Rolling die 			
	REVISION /ASSESSMENT			
	<ul style="list-style-type: none"> Revision 			
	<ul style="list-style-type: none"> Final Examination 			