PRIMARY MATHS YEAR 4

	AUTUMN TERM	SPRING TERM	SUMMER TERM
Week 1	Number and Place Value: Numbers to 10 000 LESSON BREAKDOWN	Calculations: Further Multiplication and Division LESSON BREAKDOWN	Measurement: Money LESSON BREAKDOWN
Week 2			
Week 3			Measurement: Mass, Volume and Length LESSON BREAKDOWN
Week 4	Calculations: Addition and Subtraction within 10 000 LESSON BREAKDOWN	Statistics: Graphs LESSON BREAKDOWN	
Week 5		Fractions, Decimals and Percentages: Fractions LESSON BREAKDOWN	
Week 6			Measurement: Area of Figures LESSON BREAKDOWN
Week 7			
Week 8	Calculations: Multiplication and Division LESSON BREAKDOWN	Measurement: Time LESSON BREAKDOWN	Geometry – Properties of Shapes: Geometry LESSON BREAKDOWN
Week 9		Mid-year (A) Tests and Remediation	
Week 10		Fractions, Decimals and Percentages: Decimals LESSON BREAKDOWN	Geometry – Position and Direction: Position and Movement LESSON BREAKDOWN
Week 11			Number and Place Value: Roman Numerals LESSON BREAKDOWN
Week 12	Calculations: Further Multiplication and Division LESSON BREAKDOWN		End-of-year (B) Tests and Remediation

AUTUMN TERM –		
Number and Place Value: Numbers to 10 000		
Maths — No Problem! Book Reference	**Lesson Name**	**Lesson Objective**
– Numbers to 10 000	Lesson 1 – Counting in Hundreds and Twenty-Fives	To count in hundreds and twenty-fives.
	Lesson 2 – Counting in Thousands	To count in thousands.
	Lesson 3 – Counting in Thousands, Hundreds, Tens and Ones	To count in thousands, hundreds, tens and ones.
	Lesson 4 – Using Place Value	To use an understanding of place value to count.
	Lesson 5 – Using Place Value	To understand place value in a 4-digit number.
	Lesson 6 – Comparing and Ordering Numbers	To compare and order numbers.
	Lesson 7 – Comparing and Ordering Numbers	To compare and order 4-digit numbers.
	Lesson 8 – Making Number Patterns	To make number patterns (100, 10, 1 more and less).
	Lesson 9 – Making Number Patterns	To make number patterns (4-digit numbers).
	Lesson 10 – Counting in Sixes, Sevens and Nines	To count in sixes, sevens and nines.
	Lesson 11 – Rounding Numbers	To round numbers to the nearest 1000.
	Lesson 12 – Rounding Numbers	To round numbers to the nearest 10, 100 and 1000.
	Lesson 13 – Rounding Numbers to Estimate	To round numbers to estimate.
	Lesson 14 – Rounding Numbers to Estimate	To round numbers to estimate.
	Chapter consolidation	To practise various concepts covered in the chapter.

Calculations: Addition and Subtraction		
Maths — No Problem! Book Reference	**Lesson Name**	**Lesson Objective**
– Addition and Subtraction within 10 000	Lesson 1 – Finding Sums	To find totals and sums.
	Lesson 2 – Adding without Renaming	To add without renaming.
	Lesson 3 – Adding with Renaming	To add with renaming (in the ones column).
	Lesson 4 – Adding with Renaming	To add with renaming (in tens and ones).
	Lesson 5 – Adding with Renaming	To add with renaming (in hundreds, tens and ones).
	Lesson 6 – Adding Using Mental Strategies	To add using mental strategies (making tens, hundreds and thousands).
	Lesson 7 – Adding Using Mental Strategies	To add using mental strategies.
	Lesson 8 – Finding Differences	To find the difference.
	Lesson 9 – Subtracting without Renaming	To subtract without renaming (column subtraction).
	Lesson 10 – Subtracting with Renaming	To subtract with renaming (in tens and ones).
	Lesson 11 – Subtracting with Renaming	To subtract with renaming (in hundreds, tens and ones).
	Lesson 12 – Subtracting with Renaming	To subtract with renaming (in hundreds, tens and ones).
	Lesson 13 – Subtracting with Renaming	To subtract with renaming.
	Lesson 14 – Subtracting Using Mental Strategies	To subtract using mental strategies.
	Lesson 15 – Solving Word Problems	To solve addition and subtraction word problems.
	Lesson 16 – Solving Word Problems	To solve word problems (addition and subtraction).
	Lesson 17 – Solving Word Problems	To solve multi-step word problems.
	Chapter consolidation	To practise various concepts covered in the chapter.
	2 consolidation days	To be used if lessons take longer than expected or a topic needs to be revisited.

Calculations: Multiplication and Division		
Maths — No Problem! Book Reference	**Lesson Name**	**Lesson Objective**
– Multiplication and Division	Lesson 1 – Multiplying by 6	To multiply by 6.
	Lesson 2 – Multiplying by 7	To multiply by 7.
	Lesson 3 – Multiplying by 9	To multiply by 9.
	Lesson 4 – Multiplying by 9	To multiply by 9 (relational understanding).
	Lesson 5 – Multiplying by 11	To multiply by 11.
	Lesson 6 – Multiplying by 11	To multiply by 11.
	Lesson 7 – Multiplying by 12	To multiply by 12.
	Lesson 8 – Dividing by 6	To divide by 6.
	Lesson 9 – Dividing by 7	To divide by 7.
	Lesson 10 – Dividing by 9	To divide by 9.
	Lesson 11 – Multiplying and Dividing by 11 and 12	To multiply and divide by 11 and 12.
	Lesson 12 – Dividing with Remainder	To divide with remainders.
	Lesson 13 – Solving Word Problems	To solve word problems involving multiplication and division.
	Lesson 14 – Solving Word Problems	To solve problems involving multiplication and division.
	Lesson 15 – Solving Word Problems	To solve multi-step problems (in the context of measures).
	Lesson 16 – Solving Word Problems	To solve problems involving multiplication and division (all possibilities).
	Lesson 17 – Solving Word Problems	To solve problems involving multiplication and division (multi-step).
	Lesson 18 – Solving Word Problems	To solve problems involving multiplication and division (scaling/comparison).
	Chapter consolidation	To practise various concepts covered in the chapter.
	1 consolidation day	To be used if lessons take longer than expected or a topic needs to be revisited.

Calculations: Further Multiplication and Division		
Maths — No Problem! Book Reference	**Lesson Name**	**Lesson Objective**
– Further Multiplication and Division	Lesson 1 – Multiplying by 0 and 1	To multiply by 0 and 1.
	Lesson 2 – Dividing by 1	To divide by 1.
	Lesson 3 – Multiplying the Same Two Numbers	To understand commutativity.
	Lesson 4 – Multiplying Three Numbers	To multiply three numbers.
	Lesson 5 – Multiplying Multiples of 10	To multiply with multiples of 10.

SPRING TERM –		
Calculations: Further Multiplication and Division (continued from Autumn Term)		
Maths — No Problem! Book Reference	**Lesson Name**	**Lesson Objective**
– Further Multiplication and Division	Lesson 6 – Multiplying 2-Digit Numbers	To multiply 2-digit numbers.
	Lesson 7 – Multiplying 2-Digit Numbers	To multiply 2-digit numbers with renaming.
	Lesson 8 – Multiplying Multiples of 100	To multiply multiples of 100.
	Lesson 9 – Multiplying 3-Digit Numbers	To multiply 3-digit numbers.
	Lesson 10 – Multiplying 3-Digit Numbers	To multiply 3-digit numbers (renaming).
	Lesson 11 – Multiplying 3-Digit Numbers	To multiply 3-digit numbers.
	Lesson 12 – Dividing 2-Digit Numbers	To divide 2-digit numbers.
	Lesson 13 – Dividing 3-Digit Numbers	To divide 3-digit numbers.
	Lesson 14 – Dividing 2-Digit Numbers	To divide 2-digit numbers with remainders.
	Lesson 15 – Dividing 3-Digit Numbers	To divide 3-digit numbers.
	Lesson 16 – Dividing 3-Digit Numbers	To divide 3-digit numbers with remainders.
	Lesson 17 – Solving Word Problems	To solve multiplication and division word problems.
	Lesson 18 – Solving Word Problems	To solve multiplication and division word problems (multi-step).
	Chapter consolidation	To practise various concepts covered in the chapter.

Statistics: Graphs		
Maths — No Problem! Book Reference	**Lesson Name**	**Lesson Objective**
– Graphs	Lesson 1 – Drawing and Reading Picture Graphs and Bar Graphs	To draw and read picture graphs and bar graphs.
	Lesson 2 – Drawing and Reading Bar Graphs	To draw and read bar graphs.
	Lesson 3 – Drawing and Reading Line Graphs	To draw and read line graphs.
	Lesson 4 – Drawing and Reading Line Graphs	To draw and read a line graph.
	Lesson 5 – Drawing and Reading Line Graphs	To draw and read line graphs (drawing focus).
	Chapter consolidation	To practise various concepts covered in the chapter.

Fractions, Decimals and Percentages: Decimals		
Maths — No Problem! Book Reference	**Lesson Name**	**Lesson Objective**
– Decimals	Lesson 1 – Writing Tenths	To record tenths.
	Lesson 2 – Writing Tenths	To record in tenths.
	Lesson 3 – Writing Tenths	To record in tenths (in different ways).
	Lesson 4 – Writing Hundredths	To write hundredths.
	Lesson 5 – Writing Hundredths	To write hundredths.
	Lesson 6 – Writing Hundredths	To write hundredths (in different ways).
	Lesson 7 – Writing Hundredths	To record hundredths.
	Lesson 8 – Writing Decimals	To write decimal numbers.
	Lesson 9 – Comparing and Ordering Decimals	To compare and order decimal numbers.
	Lesson 10 – Comparing and Ordering Decimals	To compare and order decimal numbers.
	Lesson 11 – Comparing and Ordering Decimals	To compare and order decimal numbers.
	Lesson 12 – Making Number Patterns	To create number sequences.
	Lesson 13 – Rounding Decimals	To round decimal numbers.
	Lesson 14 – Rounding Decimals	To round decimal numbers.
	Lesson 15 – Writing Fractions as Decimals	To write fractions as decimal numbers.
	Lesson 16 – Dividing Whole Numbers by 10	To divide whole numbers by 10.
	Lesson 17 – Dividing Whole Numbers by 100	To divide whole numbers by 100.
	Chapter consolidation	To practise various concepts covered in the chapter.

Fractions, Decimals and Percentages: Fractions		
Maths — No Problem! Book Reference	**Lesson Name**	**Lesson Objective**
– Fractions	Lesson 1 – Counting in Hundredths	To count in hundredths.
	Lesson 2 – Writing Mixed Numbers	To write mixed number fractions.
	Lesson 3 – Showing Mixed Numbers on a Number Line	To show mixed number fractions on a number line.
	Lesson 4 – Finding Equivalent Fractions	To find equivalent fractions.
	Lesson 5 – Finding Equivalent Fractions	To find equivalent fractions (further practise).
	Lesson 6 – Simplifying Mixed Numbers	To simplify mixed number fractions.
	Lesson 7 – Simplifying Improper Fractions	To simplify improper fractions.
	Lesson 8 – Adding Fractions	To add fractions.
	Lesson 9 – Adding Fractions	To add fractions (recording answers as a mixed number).
	Lesson 10 – Adding Fractions	To add fractions (simplest form).
	Lesson 11 – Subtracting Fractions	To subtract fractions.
	Lesson 12 – Subtracting Fractions	To subtract fractions (equivalence).
	Lesson 13 – Solving Word Problems	To solve word problems.
	Chapter consolidation	To practise various concepts covered in the chapter.
	1 consolidation day	To be used if lessons take longer than expected or a topic needs to be revisited.

Measurement: Time		
Maths — No Problem! Book Reference	**Lesson Name**	**Lesson Objective**
Time	Lesson 1 – Telling Time on a 24-Hour Clock	To tell the time on a 24-hour clock.
	Lesson 2 – Changing Time in Minutes to Seconds	To convert between minutes and seconds.
	Lesson 3 – Changing Time in Hours to Minutes	To convert between hours and minutes.
	Lesson 4 – Solving Problems on Duration of Time	To solve time problems.
	Lesson 5 – Changing Years to Months and Weeks to Days	To convert between units of time.
	Lesson 6 – Solving Word Problems	To solve word problems (duration).
	Chapter consolidation	To practise various concepts covered in the chapter.
Week 9	**MID-YEAR (A) TESTS AND REMEDIATION**	

SUMMER TERM – TEXTBOOK 4B		
Measurement: Money		
Maths — No Problem! Book Reference	**Lesson Name**	**Lesson Objective**
– Money	Lesson 1 – Writing Amounts of Money	To record amounts of money.
	Lesson 2 – Writing Amounts of Money	To record amounts of money.
	Lesson 3 – Comparing Amounts of Money	To compare total amounts of money.
	Lesson 4 – Rounding Amounts of Money	To round to the nearest pound (whole number).
	Lesson 5 – Solving Problems Involving Money	To solve money problems (addition and subtraction).
	Lesson 6 – Solving Problems Involving Money	To solve money problems (multiplication).
	Lesson 7 – Solving Problems Involving Money	To solve money problems (comparison).
	Lesson 8 – Estimating Amounts of Money	To estimate amounts of money.
	Chapter consolidation	To practise various concepts covered in the chapter.
	1 consolidation day	To be used if lessons take longer than expected or a topic needs to be revisited.

Measurement: Mass, Volume and Length

Maths — No Problem! Book Reference	Lesson Name	Lesson Objective
– Mass, Volume and Length	Lesson 1 – Measuring Mass	To measure mass.
	Lesson 2 – Measuring Mass	To measure mass.
	Lesson 3 – Converting Units of Mass	To convert units of mass.
	Lesson 4 – Measuring Volume	To measure volume.
	n 5 – Measuring Volume	To measure volume.
	Lesson 6 – Converting Units of Volume	To convert units of volume.
	Lesson 7 – Measuring Height	To measure height.
	Lesson 8 – Measuring Length	To measure length.
	Lesson 9 – Converting Units of Length	To convert units of length.
	Lesson 10 – Converting Units of Length	To convert units of length.
	Lesson 11 – Measuring Perimeters in Different Units	To measure perimeter in centimetres and millimetres.
	Lesson 12 – Solving Problems Involving Scale Reading	To solve problems in measurement (reading scales).
	Chapter consolidation	To practise various concepts covered in the chapter.
	2 consolidation days	To be used if lessons take longer than expected or a topic needs to be revisited.

Measurement: Area of Figures

Maths — No Problem! Book Reference	Lesson Name	Lesson Objective
– Area of Figures	Lesson 1 – Measuring the Surface that an Object Covers	To find area (by measuring surface coverage).
	Lesson 2 – Measuring Area	To measure area.
	Lesson 3 – Measuring Area	To measure area (counting squares).
	Lesson 4 – Measuring Area	To measure area (counting squares and half squares).
	Lesson 5 – Measuring Area	To measure area (using multiplication).
	Lesson 6 – Measuring Area	To measure area (shapes in different orientations).
	Chapter consolidation	To practise various concepts covered in the chapter.

Geometry – Properties of Shapes: Geometry		
Maths — No Problem! Book Reference	**Lesson Name**	**Lesson Objective**
– Geometry	Lesson 1 – Knowing Types of Angles	To identify types of angles.
	Lesson 2 – Comparing Angles	To compare angles.
	Lesson 3 – Classifying Triangles	To classify triangles.
	Lesson 4 – Classifying Quadrilaterals	To classify quadrilaterals.
	Lesson 5 – Identifying Symmetrical Figures	To identify symmetrical figures.
	Lesson 6 – Drawing Lines of Symmetry	To draw lines of symmetry.
	Lesson 7 – Completing Symmetrical Figures	To draw symmetrical figures.
	Lesson 8 – Making Symmetrical Figures	To make symmetrical figures.
	Lesson 9 – Completing Symmetrical Figures	To complete symmetrical figures.
	Lesson 10 – Sorting Shapes	To sort shapes.
	Chapter consolidation	To practise various concepts covered in the chapter.
	1–2 consolidation days	To be used if lessons take longer than expected or a topic needs to be revisited.

Geometry – Position and Direction: Position and Movement		
Maths — No Problem! Book Reference	**Lesson Name**	**Lesson Objective**
– Position and Movement	Lesson 1 – Describing Position	To describe position.
	Lesson 2 – Describing Position	To describe position.
	Lesson 3 – Plotting Points	To plot coordinates.
	Lesson 4 – Describing Movements	To describe movements.
	Lesson 5 – Describing Movements	To describe movements (coordinates).
	Chapter consolidation	To practise various concepts covered in the chapter.

Number and Place Value: Roman Numerals		
Maths — No Problem! Book Reference	**Lesson Name**	**Lesson Objective**
– Roman Numerals	Lesson 1 – Writing Roman Numerals for 1 to 20	To write Roman numerals (to 20).
	Lesson 2 – Writing Roman Numerals to 100	To write Roman numerals to 100.
	Chapter consolidation	To practise various concepts covered in the chapter.
	2 consolidation days	To be used if lessons take longer than expected or a topic needs to be revisited.
Week 12	**END-OF-YEAR (B) TESTS AND REMEDIATION**	