

Table of Contents Year 3

About the Planning and Assessment Guides.....	5
About the Textbooks	6
Tracking progress.....	7
Year 3 curriculum links.....	8
Number and place value	
Counting in multiples	12
Numbers to 1000	14
Place value.....	16
Finding 10 or 100 more or less	18
Number patterns	20
Solving number problems	22
Calculations	
Mental methods for addition and subtraction	24
Formal written addition methods.....	26
Formal written subtraction methods.....	28
Estimating and using inverses.....	30
Solving addition and subtraction problems	32
3, 4 and 8 multiplication and division facts.....	34
Using mental and written methods for multiplication and division	36
Solving multiplication and division problems.....	38
Fractions	
Tenths	40
Fractions of objects	42
Fractions of numbers.....	44
Equivalent fractions	46
Comparing and ordering fractions.....	48
Adding and subtracting fractions with the same denominator.....	50
Solving fraction problems	52
Measurement	
Measuring and comparing lengths	54
Measuring and comparing mass.....	56
Measuring and comparing volume and capacity.....	58
Telling the time with analogue clocks	60
Telling the time with Roman numerals	62
Telling the time with a 24-hour clock	64
Using the vocabulary of time.....	66
Numbers and time.....	68
Finding the perimeter of 2D shapes	70
Money	72
Adding and subtracting lengths	74
Adding and subtracting mass	76
Adding and subtracting volume and capacity	78
Geometry	
Lines	80
Drawing 2D shapes	82
3D shapes	84
Angles	86
Statistics	
Tables and pictograms	88
Tables and bar charts	90
Year 3 answers	158

Table of Contents Year 4

About the Planning and Assessment Guides.....	5
About the Textbooks	6
Tracking progress.....	7
Year 4 curriculum links.....	10

Number and place value

Numbers to 9999	92
Estimating and rounding	94
Counting in steps	96
Negative numbers	98
Roman numerals	100

Calculations

Mental methods for addition and subtraction	102
Written methods for addition.....	104
Written methods for subtraction.....	106
Times tables facts	108
Mental methods for multiplication and division	110
Written methods for short multiplication.....	112
Written methods for short division.....	114

Fractions and decimals

Equivalent fractions	116
Adding and subtracting fractions	118
Tenths and hundredths	120
Fractions and decimal equivalents	122
Working with decimals.....	124

Measurement

Units of measurement.....	126
Units of time	128
Analogue and digital clocks	130
Money	132
Mass and capacity	134
Length and distance.....	136
Perimeter.....	138
Area	140

Geometry

Angles	142
Triangles	143
Quadrilaterals	144
Symmetry of 2D shapes	146
Coordinates.....	148
Translation	150

Statistics

Tables and pictograms	152
Bar charts.....	154
Time graphs	156

Year 4 answers