

	2006 OBJECTIVES	RELATED 1999 OBJECTIVES	UNIT PLAN REFS RELATED TO 1999 OBJECTIVES
Y4 Using & Applying Maths 1	<ul style="list-style-type: none"> Solve one- and two-step problems involving numbers, money or measures, including time; choose and carry out appropriate calculations, using calculator methods where appropriate 	Year 4 82 Year 4 84 Year 4 86 Year 4 88 Year 4 100 Year 4 74 Year 4 56 Year 5 75	Year4 Autumn Unit 3 Day 2 - 4 Year4 Autumn Unit 5 Day 5 Year4 Autumn Unit 10 Day 1 - 5 Year4 Autumn Unit 12 Day 4 - 5 Year4 Spring Unit 5 Day 1 - 5 Year4 Spring Unit 9 Day 2 Year4 Spring Unit 10 Day 3 - 5 Year4 Summer Unit 3 Day 4 - 5 Year4 Summer Unit 8 Day 4 - 5 Year4 Summer Unit 9 Day 3
Y4 Using & Applying Maths 2	<ul style="list-style-type: none"> Represent a puzzle or problem using number sentences, statements or diagrams; use these to solve the problem; present and interpret the solution in the context of the problem 	Year 4 82 Year 4 84 Year 4 86 Year 4 88 Year 4 100 Year 4 74 Year 4 56 Year 5 75	Year4 Autumn Unit 3 Day 2 - 4 Year4 Autumn Unit 5 Day 5 Year4 Autumn Unit 10 Day 1 - 5 Year4 Autumn Unit 12 Day 4 - 5 Year4 Spring Unit 5 Day 1 - 5 Year4 Spring Unit 9 Day 2 Year4 Spring Unit 10 Day 3 - 5 Year4 Summer Unit 3 Day 4 - 5 Year4 Summer Unit 8 Day 4 - 5 Year4 Summer Unit 9 Day 3
Y4 Using & Applying Maths 3	<ul style="list-style-type: none"> Suggest a line of enquiry and the strategy needed to follow it; collect, organise and interpret selected information to find answers 	Year 4 114 Year 4 116	Year4 Autumn Unit 13 Day 1 - 5 Year4 Spring Unit 12 Day 1 - 5 Year4 Summer Unit 13 Day 1 - 5
Y4 Using & Applying Maths 4	<ul style="list-style-type: none"> Identify and use patterns, relationships and properties of numbers or shapes; investigate a statement involving numbers and test it with examples 	Year 4 78 Year 4 16 Year 4 18 Year 4 80	Year4 Autumn Unit 4 Day 4 Year4 Autumn Unit 8 Day 1 - 5 Year4 Spring Unit 8 Day 2 - 5 Year4 Summer Unit 8 Day 1 - 3
Y4 Using & Applying Maths 5	<ul style="list-style-type: none"> Report solutions to puzzles and problems, giving explanations and reasoning orally and in writing, using diagrams and symbols 	Year 4 76	Year4 Autumn Unit 5 Day 4 Year4 Spring Unit 5 Day 3 - 5 Year4 Spring Unit 8 Day 5 Year4 Summer Unit 8 Day 3
Y4 Counting & Understanding Number 1	<ul style="list-style-type: none"> Recognise and continue number sequences formed by counting on or back in steps of constant size 	Year 4 16	Year4 Autumn Unit 8 Day 1 - 2 Year4 Spring Unit 8 Day 4
Y4 Counting & Understanding Number 2	<ul style="list-style-type: none"> Partition, round and order four-digit whole numbers; use positive and negative numbers in context and position them on a number line; state inequalities using the symbols < and >, e.g. $-3 > -5$, $-1 < +1$ 	Year 4 14 Year 4 8	Year4 Autumn Unit 1 Day 3 Year4 Spring Unit 8 Day 1 Year4 Spring Unit 1 Day 2 Year4 Summer Unit 1 Day 2
Y4 Counting & Understanding Number 3	<ul style="list-style-type: none"> Use decimal notation for tenths and hundredths and partition decimals; relate the notation to money and measurement; position one- and two-place decimals on a number line 	Year 4 28 Year 5 29	Year5 Autumn Unit 5 Day 1 - 2 Year5 Spring Unit 4 Day 5 Year4 Spring Unit 11 Day 4 - 5 Year4 Summer Unit 11 Day 3 - 4

Y4 Counting & Understanding Number 4	<ul style="list-style-type: none"> Recognise the equivalence between decimal and fraction forms of one half, quarters, tenths and hundredths 	Year 5 31	Year5 Autumn Unit 5 Day 1 - 2 Year5 Spring Unit 4 Day 4 Year5 Summer Unit 4 Day 2 - 3
Y4 Counting & Understanding Number 5	<ul style="list-style-type: none"> Use diagrams to identify equivalent fractions, e.g. $\frac{6}{8}$ and $\frac{3}{4}$, or $\frac{70}{100}$ and $\frac{7}{10}$; interpret mixed numbers and position them on a number line, e.g. $3\frac{1}{2}$ 	Year 4 22 Year 4 24	Year4 Autumn Unit 11 Day 1 - 5 Year4 Spring Unit 11 Day 1 - 3 Year4 Summer Unit 11 Day 1 - 3
Y4 Counting & Understanding Number 6	<ul style="list-style-type: none"> Use the vocabulary of ratio and proportion to describe the relationship between two quantities, e.g. there are 2 red beads to every 3 blue beads, or 2 beads in every 5 beads are red; estimate a proportion, e.g. 'about one quarter of the apples in the box are green' 	Year 4 26 Year 5 27	Year4 Summer Unit 11 Day 5
Y4 Knowing & Using Number Facts 1	<ul style="list-style-type: none"> Use knowledge of addition and subtraction facts and place value to derive sums and differences of pairs of multiples of 10, 100 or 1000 	Year 4 38 Year 4 42 Year 4 44 Year 4 46 Year 5 45 Year 5 47	Year4 Summer Unit 2 Day 2 - 3 Year4 Summer Unit 12 Day 1 - 3
Y4 Knowing & Using Number Facts 2	<ul style="list-style-type: none"> Identify the doubles of two-digit numbers; use to calculate doubles of multiples of 10 and 100 and derive the corresponding halves 	Year 4 58	
Y4 Knowing & Using Number Facts 3	<ul style="list-style-type: none"> Derive and recall multiplication facts up to 10×10, the corresponding division facts and multiples of numbers to 10 up to the tenth multiple 	Year 4 18 Year 5 59 Year 5 19	Year4 Autumn Unit 8 Day 3 Year5 Spring Unit 11 Day 3 Year4 Summer Unit 8 Day 1; Day 3 Year5 Summer Unit 12 Day 3
Y4 Knowing & Using Number Facts 4	<ul style="list-style-type: none"> Use knowledge of rounding, number operations and inverses to estimate and check calculations 	Year 4 72	Year4 Autumn Unit 10 Day 1 - 2; Day 5 Year4 Spring Unit 5 Day 1 Year4 Spring Unit 10 Day 2 Year4 Summer Unit 3 Day 2; Day 4
Y4 Knowing & Using Number Facts 5	<ul style="list-style-type: none"> Identify pairs of fractions that total 1 	Year 4 22	Year4 Autumn Unit 11 Day 1 - 5 Year4 Spring Unit 11 Day 1 - 3 Year4 Summer Unit 11 Day 1 - 3
Y4 Calculating 1	<ul style="list-style-type: none"> Add or subtract mentally pairs of two-digit whole numbers, e.g. $47 + 58$, $91 - 35$ 	Year 4 40 Year 4 42 Year 4 44 Year 4 46	Year4 Autumn Unit 2 Day 2 - 4 Year4 Autumn Unit 3 Day 1 Year4 Autumn Unit 12 Day 2 Year4 Spring Unit 2 Day 1 - 5 Year4 Summer Unit 2 Day 1 - 3 Year4 Summer Unit 12 Day 1 - 3
Y4 Calculating 2	<ul style="list-style-type: none"> Refine and use efficient written methods to add and subtract two- and three-digit whole numbers and £.p 	Year 4 48 Year 4 50	Year4 Autumn Unit 2 Day 5 Year4 Autumn Unit 3 Day 5 Year4 Autumn Unit 12 Day 3 Year4 Spring Unit 3 Day 1 - 5 Year4 Summer Unit 2 Day 3 - 5 Year4 Summer Unit 3 Day 1 - 3 Year4 Summer Unit 12 Day 3 - 4
Y4 Calculating 3	<ul style="list-style-type: none"> Multiply and divide numbers to 1000 by 10 and then 100 (whole number answers), understanding the effect; relate to scaling up or down 	Year 4 6	Year4 Spring Unit 1 Day 1 Year4 Summer Unit 1 Day 1
Y4 Calculating 4	<ul style="list-style-type: none"> Develop and use written methods to record, support and explain multiplication and division of two- digit numbers by a one-digit number, including division with remainders, e.g. 15×9, $98 \div 6$ 	Year 4 66 Year 4 68 Year 4 56	Year4 Autumn Unit 9 Day 2 - 4 Year4 Spring Unit 9 Day 2 Year4 Spring Unit 10 Day 1 - 2

			Year4 Summer Unit 9 Day 3 Year4 Summer Unit 10 Day 2 – 5
Y4 Calculating 5	<ul style="list-style-type: none"> Find fractions of numbers, quantities or shapes, e.g. $\frac{1}{5}$ of 30 plums, $\frac{3}{8}$ of a 6 by 4 rectangle 	Year 4 24	Year4 Autumn Unit 11 Day 1 - 2
Y4 Calculating 6	<ul style="list-style-type: none"> Use a calculator to carry out one- and two-step calculations involving all four operations; recognise negative numbers in the display, correct mistaken entries and interpret the display correctly in the context of money 	Year 5 71	Year5 Autumn Unit 1 Day 2 - 3 Year5 Autumn Unit 3 Day 4 Year5 Autumn Unit 5 Day 1 - 2 Year5 Autumn Unit 6b Day 2 Year5 Spring Unit 2 Day 4 Year5 Summer Unit 1 Day 1 Year5 Summer Unit 5 Day 1 - 2
Y4 Understanding Shape 1	<ul style="list-style-type: none"> Draw polygons and classify them by identifying their properties, including their line symmetry 	Year 4 102 Year 4 104	Year4 Autumn Unit 4 Day 1 - 5 Year4 Spring Unit 12 Day 2; Day 4 - 5 Year4 Summer Unit 5 Day 2
Y4 Understanding Shape 2	<ul style="list-style-type: none"> Visualise 3-D objects from 2-D drawings and make nets of common solids 	Year 4 104	
Y4 Understanding Shape 3	<ul style="list-style-type: none"> Recognise horizontal and vertical lines; use the eight compass points to describe direction; describe and identify the position of a square on a grid of squares 	Year 4 108	Year4 Autumn Unit 6 Day 3 Year4 Spring Unit 6 Day 1 - 2 Year4 Summer Unit 5 Day 4 Year4 Summer Unit 6 Day 3
Y4 Understanding Shape 4	<ul style="list-style-type: none"> Know that angles are measured in degrees and that one whole turn is 360°; draw, compare and order angles less than 180° 	Year 4 110	Year4 Spring Unit 6 Day 2 - 3 Year4 Summer Unit 6 Day 1 - 3
Y4 Measuring 1	<ul style="list-style-type: none"> Choose and use standard metric units and their abbreviations when estimating, measuring and recording length, weight and capacity; know the meaning of kilo, centi and milli and, where appropriate, use decimal notation to record measurements, e.g. 1.3 m or 0.6 kg 	Year 4 90 Year 4 92 Year 4 94	Year4 Autumn Unit 5 Day 1 - 3 Year4 Autumn Unit 6 Day 1 - 2 Year4 Spring Unit 4 Day 2 - 5 Year4 Summer Unit 4 Day 1 - 3
Y4 Measuring 2	<ul style="list-style-type: none"> Interpret intervals and divisions on partially numbered scales and record readings accurately, where appropriate to the nearest tenth of a unit 	Year 4 94	Year4 Spring Unit 4 Day 2; Day 4 - 5 Year4 Summer Unit 4 Day 1 - 3
Y4 Measuring 3	<ul style="list-style-type: none"> Draw rectangles and measure and calculate their perimeters, find the area of rectilinear shapes drawn on a square grid by counting squares 	Year 4 96	Year4 Autumn Unit 6 Day 1 - 2 Year4 Summer Unit 4 Day 1; Day 3
Y4 Measuring 4	<ul style="list-style-type: none"> Read time to the nearest minute; use am, pm and 12-hour clock notation; choose units of time to measure time intervals; calculate time intervals from clocks and timetables 	Year 4 98 Year 4 100 Year 4 88	Year4 Autumn Unit 10 Day 1 - 2; Day 4 - 5 Year4 Autumn Unit 12 Day 4 - 5 Year4 Spring Unit 4 Day 1 Year4 Summer Unit 8 Day 4 - 5
Y4 Handling Data 1	<ul style="list-style-type: none"> Answer a question by identifying what data to collect; organise, present, analyse and interpret the data in tables, diagrams, tally charts, pictograms and bar charts, using ICT where appropriate 	Year 4 114 Year 4 116	Year4 Autumn Unit 13 Day 1 - 5 Year4 Spring Unit 12 Day 1 - 5 Year4 Summer Unit 13 Day 1 - 5 Year4 Summer Unit 13 Day 1 - 5
Y4 Handling Data 2	<ul style="list-style-type: none"> Compare the impact of representations where scales have intervals of differing step size 	Year 4 114 Year 4 116	Year4 Autumn Unit 13 Day 1 - 5 Year4 Spring Unit 12 Day 1 - 5 Year4 Summer Unit 13 Day 1 - 5