Year 4 Maths Overview

Autumn 1	Weeks 1 & 2	Number ~ Place Value	◊ Count in multiples of 6, 7, 9, 25 & 1000 ◊ Recognise the place value of each digit in a 4-digit number ◊ Find 1000 more or less than a given number ◊ Round any number to the nearest 10, 100 or 1000 ◊ Compare & order numbers beyond 1000 ◊ Count backwards through zero to include negative numbers
	Weeks 3 & 4	Number ~ Addition & Subtraction (including money)	◊ Add numbers with up to 4 digits using efficient methods (mental & written) ◊ Subtract numbers with up to 4 digits using efficient methods (mental & written) ◊ Use inverse to check answers to a calculation ◊ Solve addition & subtraction two-step problems deciding which operations to use
	Weeks 5 & 6	Measurement	◊ Convert between different units of measure ◊ Solve simple measure problems
	Week 7	Measurement (time)	◊ Read, write & convert time between analogue & digital 12 & 24 hour clocks

Autumn 2	Week 1	Number ~ Place Value	◊ Compare & order numbers beyond 1000 ◊ Solve number & practical problems that involve place value & negative numbers ◊ Read Roman Numerals to 100
	Weeks 2 & 3	Number ~ Multiplication & Division	◊ Recall Multiplication & division facts up to 12x12 ◊ Use place value & known derived facts to multiply mentally ◊ Use place value & known derived facts to divide mentally ◊ Multiply together 3 numbers ◊ Multiply 2-digit numbers by 1-digit number ◊ Divide 2-digit numbers by 1-digit number ◊ Multiply & divide by 10,100 & 1000 ◊ Solve multiplication & division problems
	Weeks 4 & 5	Number ~ Fractions (including decimals)	◊ Recognise & show, using diagrams, families of common equivalent fractions ◊ Count up & down in hundredths ◊ Add & subtract fractions with the same denominator ◊ Recognise & write decimal equivalences of tenths & hundredths ◊ Recognise & write decimal equivalences of ½ ¼ & ¾
	Week 6	Geometry (Properties of shapes)	◊ Compare & classify geometric shapes including quadrilaterals & triangles based on their properties & sizes ◊ Identify lines of symmetry in 2D shapes ◊ Identify acute & obtuse angles & compare & order angles up to two right angles by size
	Weeks 7 & 8	Statistics	◊ Interpret & present data using bar charts & line graphs ◊ Solve comparison, sum & difference problems using information presented in bar charts, pictograms, tables & other graphs

Spring 1	Week 1	Number ~ Addition & Subtraction (including money)	◊ Estimate, compare & calculate different measures including money in pounds & pence ◊ Estimate to check answers to a calculation

			◊ Solve addition & subtraction two-step problems deciding which operations to use
	Weeks 2 & 3	Measurement~ Units of measure & Area & Perimeter	◊ Convert between different units of measure ◊ Measure & calculate the perimeter of rectilinear shapes in cm & m ◊ Find the area of rectilinear shapes by counting squares ◊ Solve simple measure problems
	Week 4	Geometry (Properties of shapes)	◊ Compare & classify geometric shapes including quadrilaterals & triangles based on their properties & sizes ◊ Identify lines of symmetry in 2D shapes ◊ Identify acute & obtuse angles & compare & order angles up to two right angles by size
	Week 5	Geometry (Position & Direction)	◊ Describe positions on a 2D grid as coordinates ◊ Complete a simple symmetric figure with respect to a specific line of symmetry ◊ Describe movements between positions as translations of a given unit ◊ Plot specific points & draw sides to complete a given polygon
	Week 6	Statistics	◊ Interpret & present data using bar charts & line graphs ◊ Solve comparison, sum & difference problems using information presented in bar charts, pictograms, tables & other graphs

Spring 2	Week 1	Number ~ Place Value	◊ Round any number to the nearest 10, 100 or 1000 ◊ Identify, represent & estimate numbers ◊ Solve number & practical problems that involve place value & negative numbers
	Weeks 2 & 3	Number ~ Multiplication & Division	◊ Multiply 2-digit numbers by 1-digit number ◊ Divide 2-digit numbers by 1-digit number ◊ Multiply & divide by 10,100 & 1000 ◊ Recognise & use factor pairs in mental calculations ◊ Solve multiplication & division problems
	Weeks 4 & 5	Number~ Fractions (including decimals)	◊ Add & subtract fractions with the same denominator ◊ Recognise & write decimal equivalences of tenths & hundredths ◊ Recognise & write decimal equivalences of ½ ¼ & ¾ ◊ Round decimals with 1 decimal place to the nearest whole number ◊ Solve simple problems involving fractions & decimals
	Week 6	Statistics	◊ Solve comparison, sum & difference problems using information presented in bar charts, pictograms, tables & other graphs

Summer 1	Weeks 1 & 2	Number ~ Addition, subtraction, multiplication & division	◊ Add numbers with up to 4 digits using efficient methods (mental & written) ◊ Subtract numbers with up to 4 digits using efficient methods (mental & written) ◊ Use inverse to check answers to a calculation ◊ Estimate to check answers to a calculation ◊ Solve addition & subtraction two-step problems deciding which operations to use ◊ Multiply 2-digit numbers by 1-digit number ◊ Divide 2-digit numbers by 1-digit number ◊ Multiply & divide by 10,100 & 1000 ◊ Solve multiplication & division problems

	Week 3	Number ~ Fractions (including decimals)	◊ Recognise & write fraction & decimal equivalences ◊ Solve simple problems involving fractions & decimals
	Week 4	Geometry (Position & Direction)	◊ Describe positions on a 2D grid as coordinates ◊ Describe movements between positions as translations of a given unit ◊ Plot specific points & draw sides to complete a given polygon
	Weeks 5 & 6	Measurement ~ Time	◊ Read, write & convert time between analogue & digital 12 & 24 hour clocks ◊ Solve problems involving converting between seconds, hours, minutes, days, weeks & months

Summer 2		Consolidation	Identified Gaps