Year Four Maths Coverage 23/24

Number – Place Value	
PV1 Recognise the place value of each digit in a four-digit number (thousands, hundreds, tens, and ones)	Autumn 1 Week 1
PV2 Identify, represent and estimate numbers using different representations	Autumn 1 Week 2
PV3 Order and compare numbers beyond 1000	Autumn 1 Week 3
PV4 Find 1000 more or less than a given number	Autumn 1 Week 4
PV5 Round any number to the nearest 10, 100 or 1000	Autumn 1 Week 4 and 5
PV6 Count backwards through zero to include negative numbers	Autumn 1 Week 6
PV7 Count in multiples of 6, 7, 9, 25 and 1000	Autumn 1 Week 7 and then throughout the year as part of counting stick activity
PV8 Solve number and practical problems that involve all of the above and with increasingly large positive numbers	Autumn 1 Week 1-7
PV9 Read Roman numerals to 100 (I to C) and know that overt time, the numeral system changed to include the concept of 0 and the place value	Autumn 1 Week 7 and then throughout the year during arithmetic/ date daily
Addition and subtraction	
AS1 Add and subtract numbers mentally with increasingly large numbers	Autumn 2 Week 1, 2 and 3
AS2 Add and subtract numbers with up to 4 digits using the formal written methods of columnar addition and subtraction where appropriate	Autumn 2 Week 1, 2 and 3
AS3 Estimate and use inverse operations to check answers to a calculation	Autumn 2 Week 4
AS4 Solve addition and subtraction two-step problems in contexts, deciding which operations and methods to use	Autumn 2 Week 1-4
Multiplication and division	
MD1 Recall multiplication and division facts for multiplication tables up to 12 × 12	Throughout the year during daily counting stick activity
MD2 Use place value, known and derived facts to multiply and divide mentally, including: multiplying by 0 and 1; dividing by 1; multiplying together three numbers	Autumn 2 Week 5
MD3 Recognise and use factor pairs and commutativity in mental calculations	Autumn 2 Week 6
MD4 Multiply two-digit and three-digit numbers by a one-digit number using formal written layout	Spring 1 Week 1
MD5 Solve problems involving multiplying and adding, including using the distributive law to multiply two digit numbers by one digit, integer scaling problems and harder correspondence problems such as n objects are connected to m objects.	Spring 1 Weeks 2 and 3
Fractions and Decimals	
FD1 Find the effect of dividing a one- or two-digit number by 10 and 100, identifying the value of the digits in the answer as ones, tenths and hundredths	Spring 1 Week 4 and 5
FD2 Count up and down in hundredths; recognise that hundredths arise when dividing an object by one hundred and dividing tenths by ten.	Spring 1 Week 4 and 5
FD3 Recognise and write decimal equivalents of any number of tenths or hundredths	Spring 1 Week 6
FD4 Recognise and write decimal equivalents to ¼ ½ ¾	Spring 2 Week 1 and 2
FD5 Recognise and show, using diagrams, families of common equivalent fractions	Spring 2 Week 1 and 2
FD6 Add and subtract fractions with the same denominator	Spring 2 Week 3
FD7 Solve problems involving increasingly harder fractions to calculate quantities, and fractions to divide quantities, including non-unit fractions where the answer is a whole number	Throughout fractions unit
FD8 Compare numbers with the same number of decimal places up to two decimal places	Spring 2 Week 4
FD9 Round decimals with one decimal place to the nearest whole number	Spring 2 Week 5
FD10 Solve simple measure and money problems involving fractions and decimals to two decimal places.	Incorporate during measure and money weeks
Measurement	
M1 Convert between different units of measure for example, kilometre to metre;	Summer 1 Week 1
M2 Measure and calculate the perimeter of a rectilinear figure (including squares) in centimetres and metres	Summer 1 Week 2
M3 Find the area of rectilinear shapes by counting squares	Summer 1 Week 2
M4 Estimate, compare and calculate different measures, including money in pounds and pence	Summer 1 Week 3
M5 Read, write and convert time between analogue and digital 12- and 24-hour clocks	Summer 1 Week 4, 5 and 6
M6 Solve problems converting from hours to minutes; minutes to seconds; years to months; weeks to days.	Summer 1 Week 4, 5 and 6
Statistics	
S1 Interpret and present discrete and continuous data using appropriate graphical methods, including bar charts and time graphs.	Summer 2 Week 1

S2 Solve comparison, sum and difference problems using information presented in bar charts, pictograms, tables and other graphs.	Summer 2 Week 1
Geometry	
G1 Compare/classify geometric shapes, including quadrilaterals and triangles, based on properties and sizes	Summer 2 Week 2
G2 Identify acute and obtuse angles and compare and order angles up to two right angles by size	Summer 2 Week 3
G3 Identify lines of symmetry in 2-D shapes presented in different orientations	Summer 2 Week 4
G4 Complete a simple symmetric figure with respect to a specific line of symmetry.	Summer 2 Week 4
G5 Describe positions on a 2-D grid as coordinates in the first quadrant	Summer 2 Week 5
G6 Describe movements between positions as translations of a given unit to the left/right and up/down	Summer 2 Week 5
G7 Plot specified points and draw sides to complete a given polygon.	Summer 2 Week 5