Year 4 Spring Pathway

Spring term	Number	Measurement	Number	Number
	Multiplication and division B	Length and perimeter	Fractions	Decimals A
	VIEW	VIEW	VIEW	VIEW

Multiplication and division

Recognise and use factor pairs and commutativity in mental calculations

Recall multiplication and division facts for multiplication tables up to 12 × 12

Multiply and divide whole numbers and those involving decimals by 10, 100 and 1,000 (Y5)

Solve problems involving multiplying and adding, including using the distributive law to multiply 2-digit numbers by 1 digit, integer scaling problems and harder correspondence problems such as n objects are connected to m objects

Multiply 2-digit and 3-digit numbers by a 1-digit number using formal written layout

Use place value, known and derived facts to multiply and divide mentally, including: multiplying by 0 and 1; dividing by 1; multiplying together 3 numbers

Assessment:
Test:

Measures-Length and Perimeter

Convert between different units of measure [for example, kilometre to metre; hour to minute]

Measure and calculate the perimeter of a rectilinear figure (including squares) in centimetres and metres

Assessment:
Test:

Fractions

Recognise and use fractions as numbers: unit fractions and non-unit fractions with small denominators (Y3)

Recognise and show, using diagrams, families of common equivalent fractions

Add and subtract fractions with the same denominator

Assessment:
Test:

Decimals

Count up and down in tenths; recognise that tenths arise from dividing an object into 10 equal parts and in dividing 1-digit numbers or quantities by 10 (Y3)

Recognise and write decimal equivalents of any number of tenths or hundredths

Compare numbers with the same number of decimal places up to 2 decimal places

Find the effect of dividing a 1- or 2-digit number by 10 and 100, identifying the value of the digits in the answer as ones, tenths and hundredths

Assessment:
Test:

Recognise and show, using diagrams, families of common equivalent fractions

Number and Place value	Multiplication and division	Measure	Position and direction	Shape	Fractions	Data/Statistics
Tenths, hundredths, decimal places Round (to nearest) Thousand more, thousand less Negative integers Count through zero Roman Numerals (I to C)	Multiplication facts (up to 12 x 12) Division facts Inverse Derive	Convert	Co-ordinates Translation Quadrant X axis Y axis Perimeter and area	Quadrilaterals Triangles Right angle Acute and obtuse angles	Equivalent decimals and fractions	Continuous data Line graph