



Long-Term Curriculum Map

Year 4

Maths

Autumn

Spring

Summer

Place Value

Represent numbers to 1000
 Partition numbers to 1000
 Number line to 1000
 Thousands
 Represent numbers to 10,000
 Partition numbers to 10,000
 Flexible partitioning of numbers to 10,000
 Find 1, 10, 100, 1000 more or less
 Number line to 10,000
 Estimate on a number line to 10,000
 Compare numbers to 10,000
 Order numbers to 10,000
 Roman numerals
 Round to the nearest 10
 Round to the nearest 100
 Round to the nearest 1000
 Round to the nearest 10, 100, 1000

Addition & Subtraction

Add and subtracts 1s, 10s, 100s and 1000s
 Add up to two 4 digit numbers (no exchange)
 Add two 4-digit numbers (one exchange)
 Add two 4-digit numbers (more than one exchange)
 Subtract two 4 digit numbers (no exchange)
 Subtract two 4-digit numbers (one exchange)
 Subtract two 4-digit numbers (more than one exchange)

Multiplication & Division B

Factor pairs
 Use Factor pairs
 Multiply by 10
 Multiply by 100
 Divide by 10
 Divide by 100
 Related facts – multiplication and division
 Informal written methods for multiplication
 Multiply a 2-digit by a 1 digit number
 Multiply a 3-digit by a 1 digit number
 Divide a 2-digit by a 1 digit number (1)
 Divide a 2-digit by a 1 digit number (2)
 Divide a 3 digit by a 1 digit number
 Correspondence problems
 Efficient multiplication

Length and Perimeter

Measure in kilometres and metres
 Equivalent lengths (kilometres and metres)
 Perimeter on a grid
 Perimeter of a rectangle
 Perimeter of rectilinear shapes
 Find missing lengths in rectilinear shapes
 Calculate the perimeter of rectilinear shapes

Decimals B

Make a whole with tenths
 Make a whole with hundredths
 Partition decimals
 Flexibly partition decimals
 Compare decimals
 Order decimals
 Round to the nearest whole number
 Halves and quarters as decimals

Money

Write money using decimals
 Convert between pounds and pence
 Compare amounts of money
 Estimate with money
 Calculate with money
 Solve problems with money

Time

Year, months, weeks and days
 Hours, minutes and seconds
 Convert between analogue and digital time
 Convert to the 24 hour clock
 Convert from the 24 hour clock

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*We are a **COMMUNITY!***

*We are **PROUD!***

*We are **INCLUSIVE!***



<p>Efficient subtraction Estimate answers Checking strategies</p> <p>Area What is area? Count squares Make shapes Compare areas</p> <p>Multiplication & Division Multiples of 3 Multiply by 3 and 6 6 times-table and division facts Multiply and divide by 9 9 times- table and division facts The 3, 6,9 times tables Multiply and divide by 7 7 times-table and division facts 11 times- table and division facts 12 times-table and division facts Multiply by 1 and 0 Divide a number by 1 and itself Multiply three numbers</p>	<p>Perimeter of regular polygons Perimeter of polygons</p> <p><u>Fractions</u></p> <p>Understand the whole Count beyond 1 Partition a mixed number Number lines with mixed numbers Compare and order mixed numbers Understand improper fractions Convert mixed numbers to improper fractions Convert improper fractions to mixed numbers Equivalent fractions on a number line Equivalent fraction families Add two or more fractions Add fractions and mixed numbers Subtract two fractions Subtract from whole amounts Subtract from mixed numbers</p> <p><u>Decimals A</u></p> <p>Tenths as fractions Tenths as decimals Tenths on a place value chart Tenths on a number line Divide a 1-digit number by 10 Divide a 2-digit number by 10 Hundredths as fractions Hundredths as decimals Hundredths on a place value chart Divide a 1- or 2-digit number by 100</p>	<p><u>Shape</u></p> <p>Understand angles as turns Identify angles Compare and order angles Triangles Quadrilaterals Polygons Lines of symmetry Compare a symmetric figure</p> <p><u>Statistics</u></p> <p>Interpret charts Comparison, sum and difference Interpret line graphs Draw line graphs</p> <p><u>Position & Direction</u></p> <p>Describing position using coordinates Plot coordinates Draw 2D shapes on a grid Translate on a grid Describe translation on a grid</p>
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