

Year 4 Maths Small Steps

Place Value - Represent numbers to 1,000 - Partition numbers to 1,000 - Number line to 1,000 - Thousands - Represent numbers to 10,000 - Partition numbers to 10,000 - Flexible partitioning of numbers to 10,000 - Find 1, 10, 100, 1,000 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 1,000 - Round to the nearest 10, 100 or 1,000 Length & 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 perimeter of rectilinear shapes - Perimeter of regular polygons - Perimeter of polygons Area - What is area? - Count squares - Make shapes - Compare areas	Addition & Subtraction - Follow Calculation Policy - Add and subtract 1s, 10s, 100s and 1,000s - 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 - Efficient subtraction - Estimate - Checking strategies Fractions - 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	Multiplication & Division A - Follow Calculation Policy - Multiples of 3 - Multiply and divide by 6 - 6 times-table and division facts - Multiply and divide by 9 - 9 times-table and division facts - The 3, 6 and 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 Multiplication & Division B - Follow Calculation Policy - 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 number by a 1-digit number - Multiply a 3-digit number by a 1-digit number - Divide a 2-digit number by a 1-digit number (1) - Divide a 2-digit number by a 1-digit number (2) - Divide a 3-digit number by a 1-digit number - Correspondence problems - Efficient multiplication
Decimals A - Tenths as fractions - Tenths as decimals - Tenths on a place value chart - Tenths on a number line	Money - Write money using decimals - Convert between pounds and pence - Compare amounts of money - Estimate with money	Shape - Understand angles as turns - Identify angles - Compare and order angles - Triangles

- 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 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	- Calculate with money - Solve problems with money Time - Years, months, weeks and days - Hours, minutes and seconds - Convert between analogue and digital times - Convert to the 24 hour clock - Convert from the 24-hour clock	- Quadrilaterals - Polygons - Lines of symmetry - Complete a symmetric figure Statistics - Interpret charts - Comparison, sum and difference - Interpret line graphs - Draw line graphs Position & Direction - Describe position using coordinates - Plot coordinates - Draw 2-D shapes on a grid - Translate on a grid - Describe translation on a grid
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