

Small Steps – Autumn Term - Year 4



Year 4 | Autumn term | Block 1 – Place value

- Step 1 Represent numbers to 1,000
- Step 2 Partition numbers to 1,000
- Step 3 Number line to 1,000
- Step 4 Thousands
- Step 5 Represent numbers to 10,000
- Step 6 Partition numbers to 10,000
- Step 7 Flexible partitioning of numbers to 10,000
- Step 8 Find 1, 10, 100, 1,000 more or less
- Step 9 Number line to 10,000
- Step 10 Estimate on a number line to 10,000
- Step 11 Compare numbers to 10,000
- Step 12 Order numbers to 10,000
- Step 13 Roman numerals
- Step 14 Round to the nearest 10
- Step 15 Round to the nearest 100
- Step 16 Round to the nearest 1,000
- Step 17 Round to the nearest 10, 100 or 1,000

Year 4 | Autumn term | Block 2 – Addition and subtraction

- Step 1 Add and subtract 1s, 10s, 100s and 1,000s
- Step 2 Add up to two 4-digit numbers – no exchange
- Step 3 Add two 4-digit numbers – one exchange
- Step 4 Add two 4-digit numbers – more than one exchange
- Step 5 Subtract two 4-digit numbers – no exchange
- Step 6 Subtract two 4-digit numbers – one exchange
- Step 7 Subtract two 4-digit numbers – more than one exchange
- Step 8 Efficient subtraction
- Step 9 Estimate answers
- Step 10 Checking strategies

Year 4 | Autumn term | Block 3

Step 1 What is area?

Step 2 Count squares

Step 3 Make shapes

Step 4 Compare areas

Year 4 | Autumn term | Block 4 – Multiplication and division A

Step 1 Multiples of 3

Step 2 Multiply and divide by 6

Step 3 6 times-table and division facts

Step 4 Multiply and divide by 9

Step 5 9 times-table and division facts

Step 6 The 3, 6 and 9 times-tables

Step 7 Multiply and divide by 7

Step 8 7 times-table and division

Step 9 11 times-table and division facts

Step 10 12 times-table and division facts

Step 11 Multiply by 1 and 0

Step 12 Divide a number by 1 and itself

Step 13 Multiply three numbers

Small Steps – Spring Term - Year 4



Year 4 | Spring term | Block 1 – Multiplication and division B

Step 1 Factor pairs

Step 2 Use factor pairs

Step 3 Multiply by 10

Step 4 Multiply by 100

Step 5 Divide by 10

Step 6 Divide by 100

Step 7 Related facts – multiplication and division

Step 8 Informal written methods for multiplication

Step 9 Multiply a 2-digit number by a 1-digit number

Step 10 Multiply a 3-digit number by a 1-digit number

Step 11 Divide a 2-digit number by a 1-digit number (1)

Step 12 Divide a 2-digit number by a 1-digit number (2)

Step 13 Divide a 3-digit number by a 1-digit number

Step 14 Correspondence problems

Step 15 Efficient multiplication

Year 4 | Spring term | Block 2 – Length and perimeter

Step 1 Measure in kilometres and metres

Step 2 Equivalent lengths (kilometres and metres)

Step 3 Perimeter on a grid

Step 4 Perimeter of a rectangle

Step 5 Perimeter of rectilinear shapes

Step 6 Find missing lengths in rectilinear shapes

Step 7 Calculate perimeter of rectilinear shapes

Step 8 Perimeter of regular polygons

Step 9 Perimeter of polygons

Year 4 | Spring term | Block 3 – Fractions

Step 1 Understand the whole

Step 2 Count beyond 1

Step 3 Partition a mixed number

Step 4 Number lines with mixed numbers

Step 5 Compare and order mixed numbers

Step 6 Understand improper fractions

Step 7 Convert mixed numbers to improper fractions

Step 8 Convert improper fractions to mixed numbers

Step 9 Equivalent fractions on a number line

Step 10 Equivalent fraction families

Step 11 Add two or more fractions

Step 12 Add fractions and mixed numbers

Step 13 Subtract two fractions

Step 14 Subtract from whole amounts

Step 15 Subtract from mixed numbers

Year 4 | Spring term | Block 4 – Decimals A

Step 1 Tenths as fractions

Step 2 Tenths as decimals

Step 3 Tenths on a place value chart

Step 4 Tenths on a number line

Step 5 Divide a 1-digit number by 10

Step 6 Divide a 2-digit number by 10

Step 7 Hundredths as fractions

Step 8 Hundredths as decimals

Step 9 Hundredths on a place value chart

Step 10 Divide a 1- or 2-digit number by 100

Year 4 | Summer term | Block 1 – Decimals B

Step 1 Make a whole with tenths

Step 2 Make a whole with hundredths

Step 3 Partition decimals

Step 4 Flexibly partition decimals

Step 5 Compare decimals

Step 6 Order decimals

Step 7 Round to the nearest whole number

Step 8 Halves and quarters as decimal

Small Steps – Summer Term - Year 4



Year 4 | Summer term | Block 2 – Money

- Step 1 Write money using decimals
- Step 2 Convert between pounds and pence
- Step 3 Compare amounts of money
- Step 4 Estimate with money
- Step 5 Calculate with money
- Step 6 Solve problems with money

Year 4 | Summer term | Block 3 – Time

- Step 1 Years, months, weeks and days
- Step 2 Hours, minutes and seconds
- Step 3 Convert between analogue and digital times
- Step 4 Convert to the 24-hour clock
- Step 5 Convert from the 24-hour clock

Year 4 | Summer term | Block 4 – Shape

- Step 1 Understand angles as turns
- Step 2 Identify angles
- Step 3 Compare and order angles
- Step 4 Triangles
- Step 5 Quadrilaterals
- Step 6 Polygons
- Step 7 Lines of symmetry
- Step 8 Complete a symmetric figure

Year 4 | Summer term | Block 5 – Statistics

- Step 1 Interpret charts
- Step 2 Comparison, sum and difference
- Step 3 Interpret line graphs
- Step 4 Draw line graphs

Year 4 | Summer term | Block 6 – Position and direction

Step 1 Describe position using coordinates

Step 2 Plot coordinates

Step 3 Draw 2-D shapes on a grid

Step 4 Translate on a grid

Step 5 Describe translation on a grid