

Autumn Term

Year 4 – 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 – 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 – Area

Step 1 What is area?

Step 2 Count squares

Step 3 Make shapes

Step 4 Compare areas

Year 4 – Multiplication and Division

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 facts

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

Spring Term

Year 4 – 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 – 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 on a rectangle

Step 5 Perimeter on rectilinear shapes

Step 6 Find missing lengths in rectilinear shapes

Step 7 Calculate the perimeter of rectilinear shapes

Step 8 Perimeter of regular polygons

Step 9 Perimeter of polygons

Year 4 – 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 – 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

Summer Term

Year 4 – 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 decimals

Year 4 – 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 – 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 – 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 – Statistics

Step 1 Interpret charts

Step 2 Comparison, sum and difference

Step 3 Interpret line graphs

Step 4 Draw line graphs

Year 4 – Position and direction

Step 1 Describe position using coordinates

Step 2 Plot coordinates

Step 3 Draw 2D shapes on a grid

Step 4 Translate on a grid

Step 5 Describe translation on a grid