

## Autumn Term

### Year 3 – Place Value

- Step 1 Represent numbers to 100
- Step 2 Partition numbers to 100
- Step 3 Number line to 100
- Step 4 Hundreds
- Step 5 Represent numbers to 1,000
- Step 6 Partition numbers to 1,000
- Step 7 Flexible partitioning of numbers to 1,000
- Step 8 Hundreds, tens and ones
- Step 9 Find 1, 10 or 100 more or less
- Step 10 Number line to 1,000
- Step 11 Estimate on a number line to 1,000
- Step 12 Compare numbers to 1,000
- Step 13 Order numbers to 1,000
- Step 14 Count in 50s

### Year 3 – Addition & Subtraction

- Step 1 Apply number bonds within 10
- Step 2 Add and subtract 1s
- Step 3 Add and subtract 10s
- Step 4 Add and subtract 100s
- Step 5 Spot the pattern
- Step 6 Add 1s across a 10

Step 7 Add 10s across a 100

Step 8 Subtract 1s across 10

Step 9 Subtract 10s across a 100

Step 10 Make connections

Step 11 Add two numbers (no exchange)

Step 12 Subtract two numbers (no exchange)

Step 13 Add two numbers (across a 10)

Step 14 Add two numbers (across a 100)

Step 15 Subtract two numbers (across a 10)

Step 16 Subtract two numbers (across a 100)

Step 17 Add 2-digit and 3-digit numbers

Step 18 Subtract a 2-digit number from a 3-digit number

Step 19 Complements to 100

Step 20 Estimate answers

Step 21 Inverse operations

Step 22 Make decisions

### Year 3 – Multiplication and Division

Step 1 Multiplication – equal groups

Step 2 Use arrays

Step 3 Multiples of 2

Step 4 Multiples of 5 and 10

Step 5 Sharing and grouping

Step 6 Multiply by 3

Step 7 Divide by 3

Step 8 The 3 times-table

Step 9 Multiply by 4

Step 10 Divide by 4

Step 11 The 4 times-table

Step 12 Multiply by 8

Step 13 Divide by 8

Step 14 The 8 times-table

Step 15 The 2, 4 and 8 times-tables

## **Spring Term**

### Year 3 – Multiplication and Division B

Step 1 Multiples of 10

Step 2 Related calculations

Step 3 Reasoning about multiplication

Step 4 Multiply a 2-digit number by a 1-digit number – no exchange

Step 5 Multiply a 2-digit number by a 1-digit number – with exchange

Step 6 Link multiplication and division

Step 7 Divide a 2-digit number by a 1-digit number – no exchange

Step 8 Divide a 2-digit number by a 1-digit number – flexible partitioning

Step 9 Divide a 2-digit number by a 1-digit number – with remainders

Step 10 Scaling

Step 11 How many ways?

### Year 3 – Length and Perimeter

Step 1 Measure in metres and centimetres

Step 2 Measure in millimetres

Step 3 Measure in centimetres and millimetres

Step 4 Metres, centimetres and millimetres

Step 5 Equivalent lengths (metres and centimetres)

Step 6 Equivalent lengths (centimetres and millimetres)

Step 7 Compare lengths

Step 8 Add lengths

Step 9 Subtract lengths

Step 10 What is perimeter?

Step 11 Measure perimeter

Step 12 Calculate perimeter

### Year 3 – Fractions

Step 1 Understand the denominators of unit fractions

Step 2 Compare and order unit fractions

Step 3 Understand the numerators of non-unit fractions

Step 4 Understand the whole

Step 5 Compare and order non-unit fractions

Step 6 Fractions and scales

Step 7 Fractions on a number line

Step 8 Count in fractions on a number line

Step 9 Equivalent fractions on a number line

Step 10 Equivalent fractions as bar models

### Year 3 – Mass & Capacity

Step 1 Use scales

Step 2 Measure mass in grams

Step 3 Measure mass in kilograms and grams

Step 4 Equivalent masses (kilograms and grams)

Step 5 Compare mass

Step 6 Add and subtract mass

Step 7 Measure capacity and volume in millilitres

Step 8 Measure capacity and volume in litres and millilitres

Step 9 Equivalent capacities and volumes (litres and millilitres)

Step 10 Compare capacity and volume Step 11 Add and subtract capacity and volume

## **Summer Term**

### Year 3 – Fractions B

Step 1 Add fractions

Step 2 Subtract fractions

Step 3 Partition the whole

Step 4 Unit fractions of a set of objects

Step 5 Non-unit fractions of a set of objects

Step 6 Reasoning with fractions of an amount

### Year 3 – Money

Step 1 Pounds and pence

Step 2 Convert pounds and pence

Step 3 Add money

Step 4 Subtract money

Step 5 Find change

### Year 3 – Time

Step 1 Roman numerals to 12

Step 2 Tell the time to 5 minutes

Step 3 Tell the time to the minute

Step 4 Read time on a digital clock

Step 5 Use a.m and p.m

Step 6 Years, months and days

Step 7 Days and hours

Step 8 Hours and minutes – use start and end times

Step 9 Hours and minutes – use durations

Step 10 Minutes and seconds

Step 11 Units of time

Step 12 Solve problems with time

### Year 3 – Shape

Step 1 Turns and angles

Step 2 Right angles

Step 3 Compare angles

Step 4 Measure and draw accurately

Step 5 Horizontal and vertical

Step 6 Parallel and perpendicular

Step 7 Recognise and describe 2-D shapes

Step 8 Draw polygons

Step 9 Recognise and describe 3-D shapes

Step 10 Make 3-D shapes

### Year 3 – Statistics

Step 1 Interpret pictograms

Step 2 Draw pictograms

Step 3 Interpret bar charts

Step 4 Draw bar charts

Step 5 Collect and represent data

Step 6 Two-way tables