## Year 1 Maths Curriculum Map

### Autumn 1

### Week 1-5: Knowing numbers to 10
### Addition and Subtraction facts within 10

- Can read and write numbers to 10 in numerals and words.

- Can count forwards and backwards to 10 from any given number.

- Can count in 2s up to 10.

- Can identify one more and one less than a given number up to 10.

- Can recognise odd and even numbers.

- Can identify and represent numbers using objects and pictorial representations, including the ten frame and number line.

- Can use the language of: equal to, more than, less than (fewer), most, least.

- Can read, write and interpret mathematical statements, involving addition (+), subtraction (-) and equals (=) signs.

- Can represent and use number bonds and related subtraction facts within 10.

- Can add and subtract one-digit and two-digit numbers within 20, including zero, using various strategies:

    - Just knowing

    - Finding one more/less

    - Adding 0

    - Finding the difference between

- Can solve missing number problems, such as 7 = ? - 9.

### Week 6: Shape

- Can recognise and name common 2-D shapes, such as rectangles (including squares), circles and triangles.

- Can recognise and name common 3-D shapes, such as cuboids (including cubes), pyramids and spheres.

## Autumn 2

### Week 1-6:  Knowing numbers to 20
###           Addition and subtraction strategies within 20

- Can read and write numbers to 20 in numerals and words.

- Can count forwards and backwards to 20 from any given number.

- Can count in 2s, 5s and 10s up to 20.

- Can identify one more and one less than a given number up to 20.

- Can recognise odd and even numbers.

- Can identify and represent numbers using objects and pictorial representations, including the ten frame and number line.

- Can use the language of: equal to, more than, less than (fewer), most, least.

- Can read, write and interpret mathematical statements, involving addition (+), subtraction (-) and equals (=) signs.

- Can represent and use number bonds and related subtraction facts within 20.

- Can add and subtract one-digit and two-digit numbers within 20, including zero, using various strategies:

  - Just knowing
  - Finding one more/less
  - Adding 0
  - Counting on (concrete objects, fingers or number line)
  - Making 10
  - Crossing out/taking away
  - Finding the difference between

- Can solve one-step problems that involve addition or subtraction, using concrete objects or using pictorial representations such as a number line.

- Can solve missing number problems, such as 7 = ? - 9.

## Spring 1

## Week 1-5: Knowing numbers to 100

- Can read and write numbers to 100 in numerals.

- Can count forwards and backwards to 100 from any given number.

- Can count in 2s, 5s and 10s up to 100.

- Can identify one more and one less than a given number up to 100.

- Can recognise odd and even numbers.

- Can identify and represent numbers using objects and pictorial representations, including the ten frame and number line.

- Can use the language of: equal to, more than, less than (fewer), most, least.

## Spring 2

## Week 1: Money

- Can recognise and know the value of different denominations of coins and notes.

- Can read and write numbers to 100 in numerals.

- Can count in 2s, 5s and 10s up to 100.

- Can use the language of: equal to, more than, less than (fewer), most, least.

## Week 2-6: Addition and subtraction strategies within 100

- Can read and write numbers to 100 in numerals.

- Can count forwards and backwards to 100 from any given number.

- Can identify one more and one less than a given number up to 100.

- Can identify and represent numbers using objects and pictorial representations, including the ten frame and number line.

- Can read, write and interpret mathematical statements, involving addition (+), subtraction (-) and equals (=) signs.

- Can represent and use number bonds and related subtraction facts within 20.

- Can add and subtract 1-digit and two-digit numbers within 20, including zero, using various strategies.

- Can solve one-step problems that involve addition or subtraction, using concrete objects or using pictorial representations such as a number line.

- Can solve missing number problems, such as 7 = ? - 9.

## Summer 1

### Week 1-4: Multiplication and Division

- Can count in 2s, 5s and 10s up to 100.

- Can recognise odd and even numbers.

- Can solve one-step problems involving <u>multiplication</u>, by calculating the answer using concrete objects, or pictorial representations and arrays, with the support of the teacher.

- Can solve one-step problems involving <u>division</u>, by calculating the answer using concrete objects, or pictorial representations and arrays, with the support of the teacher.

### Week 5-6: Fractions

- Can recognise, find and name <u>a half</u> as one of two equal parts of an object, shape or quantity.

- Can recognise, find and name <u>a quarter</u> as one of four equal parts of an object, shape or quantity.

- Can describe position, directions and movements, including half, quarter and three-quarter turns.

## Summer 2

### Week 1-2: Time

- Can tell the time to the nearest hour and half past the hour, and draw the hands on a clock face to show these times.

- Can measure, and begin to record, the time in hours, minutes and seconds.

- Can sequence events in chronological order, using language such as: before, after, next, first, today, yesterday, tomorrow, morning, afternoon and evening.

- Can recognise and use language relating to dates, including days of the week, weeks, months and years.

### Week 3-6: Measures

- Can compare, describe and solve practical problems for lengths and heights (e.g. long/short, longer/shorter, tall/short, double/half); mass or weight (e.g. heavy/light, heavier than, lighter than); capacity/volume (e.g. full/empty, more than, less than, quarter); and time (e.g. quicker, slower, earlier, later).

- Can measure, and begin to record, length and height, mass/weight, and capacity and volume.