

## RECEPTION

### Cardinality and counting

- Have an understanding of number to 10, linking names of numbers, numerals, their value, and their position in the counting order
- Explore patterns within numbers up to 10 (incl. odds & evens)

### Comparison

- Compare two sets of objects using the language of 'more' and 'fewer'
- Solve problems that involve sharing objects or halving
- Compare sets of objects up to 10 in different contexts, considering size and difference
- Say which number is one more / one less than a given number to 10

### Composition

- Add or subtract two single-digit numbers using objects and quantities
- Conceptually subitise groups of up to 5 objects
- Automatically recall number bonds for numbers 0-5 then 0-10, including corresponding partitioning facts
- Automatically recall double facts up to 5+5
- Begin to use everyday language related to money

### Pattern

- Recognise, describe and create patterns

### Shape & space

- Explore characteristics of everyday objects and shapes and describe using mathematical language

### Measure

- Use everyday language to talk about, compare and solve problems related to size, weight, capacity or time.

## YEAR 1

### Number and place value

- Say one more or less for numbers up to 50
- Count to and across 100, forwards and backwards,

beginning with 0 or 1, or from any given number

### Addition and subtraction

- Know and find single digit missing bonds for: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 10+
- Solve and create addition and subtraction problems using first, then and now
- Solve addition and subtraction problems using missing boxes e.g.  $15 = \square + 9$  (upto20)

# START

RECEPTION

YEAR 1

## YEAR 2

### Number and place value

Partition a two-digit number into tens and ones with resources  
Know the value of each digit in any 2-digit number in 10s and 1s

### Addition and subtraction

- Add and subtract 1-digit numbers to 2-digit numbers with no regrouping, explaining my method verbally, in pictures or using resources  
Add tens to 2-digit numbers, explaining my method verbally, in pictures or using resources
- Recall number bonds within 10 and use these to reason with and calculate bonds within 20
- Recall number bonds to 10 and use these to reason with and calculate bonds to 20 e.g. If  $7+3=10$ , then  $17+3=20$   
Add or subtract any 2-digit numbers using an efficient strategy, explaining my method verbally, in pictures or using resources

### Multiplication and division

- Count in twos, fives and tens from zero and use this to solve problems
- Solve multiplication or division problems mentally using times tables 2, 5, 10
- Solve word problems with more than one step

### Fractions

- Identify simple fractions of shapes or quantities, and know that all parts must be equal

### Measurement

- Tell and write the time to the nearest 15 minutes
- Know the value of different coins

### Properties of shape

- Identify 2D and 3D shapes and describe some of their properties using the vocabulary: sides, vertices, edges and faces  
Describe similarities and differences of shape properties

- Find lines of symmetry in 2D and 3D shapes

### Statistics

- Read scales in divisions of ones, twos, fives and tens
- Ask and answer questions by sorting the categories

### Multiplication and division

- Count on in 2s, 5s and 10s
- Find half of a quantity through using doubles

### Measurement

- Draw hands on a clock face to show 'o'clock' and 'half-past'
- Compare and describe time using words 'quicker' 'slower', 'earlier' and 'later'
- Compare mass/weight using 'heavy(ier/iest)' 'light(er/est)

### Properties of shape

- Recognise 2D and 3D shapes in different orientations and sizes

### Position and movement

- Use words 'up', 'down', 'forwards', 'backwards', 'left', 'right', 'in' and 'outside' to describe direction.

