

# White Rose Maths Hub

Small Steps Progression - Autumn

# Year 1

# Overview

## Small Steps

- Sort objects
- Count objects
- Represent objects
- Count, read and write forwards from any number 0 to 10
- Count, read and writing backwards from any number 0 to 10
- Count one more
- Count one less
- One to one correspondence to start to compare groups
- Compare groups using language such as equal, more/greater, less/fewer
- Introduce = , > and < symbols
- Compare numbers
- Order groups of objects
- Order numbers
- Ordinal numbers (1st, 2nd, 3rd ....)
- The number line

## NC Objectives

Count to **ten**, forwards and backwards, beginning with 0 or 1, or from any given number.

Count, read and write numbers to **10** in numerals and words.

Given a number, identify one more or one less.

Identify and represent numbers using objects and pictorial representations including the number line, and use the language of: equal to, more than, less than (fewer), most, least.

# Overview

## Small Steps

- Part whole model
- Addition symbol
- Fact families – Addition facts
- Find number bonds for numbers within 10
- Systematic methods for number bonds within 10
- Number bonds to 10
- Compare number bonds
- Addition: Adding together
- Addition: Adding more
- Finding a part
- Subtraction: Taking away, how many left? Crossing out
- Subtraction: Taking away, how many left? Introducing the subtraction symbol
- Subtraction: Finding a part, breaking apart
- Fact families – The 8 facts
- Subtraction: Counting back
- Subtraction: Finding the difference
- Comparing addition and subtraction statements  $a + b > c$
- Comparing addition and subtraction statements  $a + b > c + d$

## NC Objectives

Represent and use number bonds and related subtraction facts **within 10**

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

Add and subtract one digit numbers **to 10**, including zero.

Solve one step problems that involve addition and subtraction, using concrete objects and pictorial representations and missing number problems.

# Overview

## Small Steps

- ▶ Recognise and name 3D shapes
- ▶ Sort 3D shapes
- ▶ Recognise and name 2D shapes
- ▶ Sort 2D shapes
- ▶ Patterns with 3D and 2D shapes

### NC Objectives

Recognise and name common 2-D shapes, including: (for example, rectangles (including squares), circles and triangles)

Recognise and name common 3-D shapes, including: (for example, cuboids (including cubes), pyramids and spheres.)

# Overview

## Small Steps

- Count forwards and backwards and write numbers to 20 in numerals and words
- Numbers from 11 to 20
- Tens and ones
- Count one more and one less
- Compare groups of objects
- Compare numbers
- Order groups of objects
- Order numbers

### NC Objectives

Count to **twenty**, forwards and backwards, beginning with 0 or 1, from any given number.

Count, read and write numbers to **20** in numerals and words.

Given a number, identify one more or one less.

Identify and represent numbers using objects and pictorial representations including the number line, and use the language of: equal to, more than, less than (fewer), most, least.