

Overview

At St Catherine's we follow Maths – No Problem for daily maths teaching. We use White Rose Maths to support the maths delivery through continuous provision.

Concrete – using concrete (physical) resources to help children understand the concept.

Pictorial – children build from concrete resources to pictures to help them solve problems.

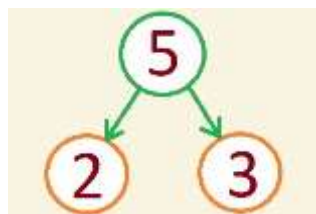
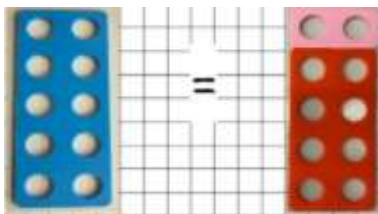
Abstract – Only once children are secure with concrete and pictorial concepts will the children move to understand maths in the abstract.

In the EYFS, early maths knowledge is based within 'Mathematics', 'Communication and language', 'Understanding the world' and 'Physical Development' learning areas.


Number bonds (composition)

It is vital that children learn to automatically recall number bonds of 0-5 by the time they leave foundation. Children will also be taught to recall some number bonds of numbers to 10 using the concept of 5 + some more.

To support number bond teaching children will use tens and fives frames, part part whole models, practical throwing games and Numicon.

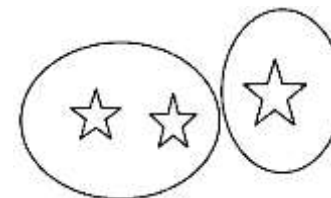


4 C's of number sense

Counting	When we repeat and say numbers in sequence 
Cardinality	Understanding the value of numbers (the fiveness of five).
Comparison	Understanding where a number belongs in the number pattern. More and less, tens and ones.
Composition	Understanding the numbers hidden in numbers. The bonds that make up each number.

Subitise

A key skill being taught through early maths is 'subitising'. Subitising is seeing amounts without counting the objects.



Key Vocabulary

Maths

Counting

Numbers

Subitise

Numerals

Add

Pattern

Subtract

Shapes

More/Less

Double