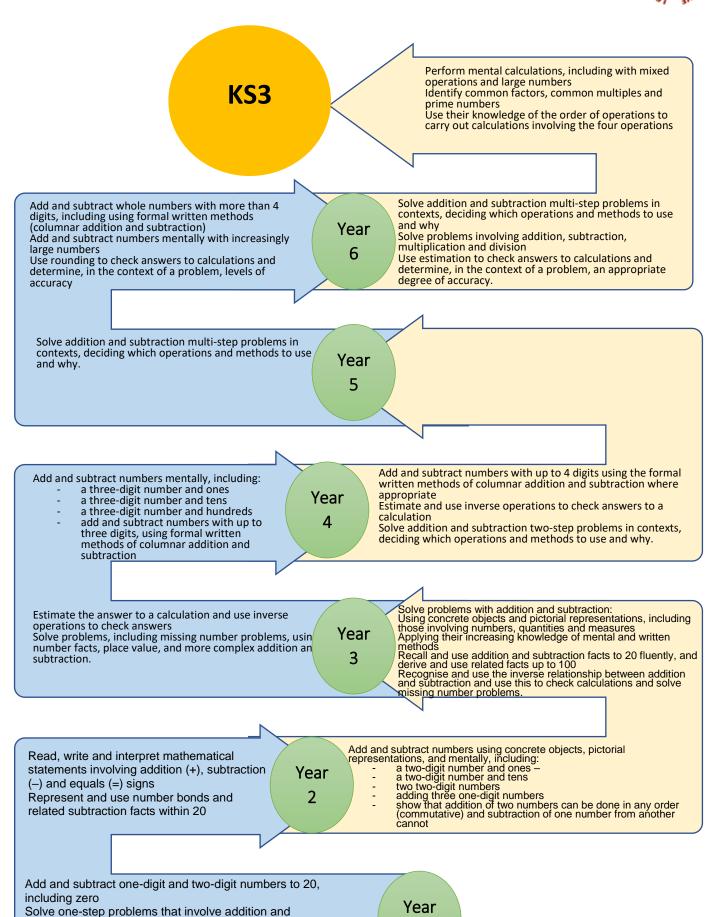
Curriculum & Knowledge Map: Addition and Subtraction



1

subtraction, using concrete objects and pictorial

representations, and missing number problems such as 7

Curriculum & Knowledge Map: Addition and Subtraction

EYFS

Birth to Three -

- Combine objects like stacking blocks and cups.
- Put objects inside others and take them out again
- React to changes in amounts up to groups of three.
- Compare amounts by saying lots, more or same.
- Develop counting like behavior
- Count in everyday contexts with sometimes skipping numbers.

Three and Four Year Olds

- Develop fast recognition of up to 3 objects, without having to count them individually ('subitising').
- Recite numbers past 5.
- Say one number for each item in order: 1,2,3,4,5.
- Know that the last number reached when counting a small set of objects tells you how many there are in total ('cardinal principle').
- Show 'finger numbers' up to 5.
- Link numerals and amounts: for example, showing the right number of objects to match the numeral, up to 5.
- Experiment with their own symbols and marks as well as numerals.
- Solve real world mathematical problems with numbers up to 5.
- Compare quantities using language: 'more than', 'fewer than'.

Reception

- Count objects, actions and sounds.
- Subitise.
- Link the number symbol (numeral) with its cardinal number value.
- Count beyond ten.
- Compare numbers.
- Understand the 'one more than/one less than' relationship between consecutive numbers.
- Explore the composition of numbers to 10.
- Automatically recall number bonds for numbers 0–5 and some to 10.

Early Learning Goals

- Have a deep understanding of number to 10, including the composition of each number.
- Subitise (recognise quantities without counting) up to 5.
- Automatically recall (without reference to rhymes, counting or other aids) number bonds up to 5 (including subtraction facts) and some number bonds to 10, including double facts.