



KINGS ASH
ACADEMY

Calculation strategies for number



Nursery

Mental Calculations:

- Recite numbers in order to 10
- Count objects to 10
- Recognise numerals 1 to 5
- Use number language accurately in play

Points to consider:

Key Vocabulary: count, altogether, number line how many?

Children should:

- Have access to a wide and varied number provision available in all areas of the provision.

Key skills for number at Nursery:

- Estimate amounts of objects
- Solve number problems including adding and subtracting amounts of objects.

Reception

Mental Calculations:

- Count to and back from 20 starting with 1
- Order numbers to 20
- Say the number that is 1 more or 1 less
- Add 2 single digit numbers using objects
- Count on using a range of strategies to find a number

Points to consider:

Key Vocabulary: count, altogether, number line, total, add, plus, order, more, less, count on, count back, how many?

Children should:

- Have access to a rich number provision including: natural objects, number cards, number squares, number lines and numbers in a wider context

Key skills for number at Reception:

- Recognise numbers to 20
- Understand and use the language of addition and subtraction.
- Solve practical addition and subtraction problems using objects
- Take an interest in numbers in the environment
- Half and double objects by sharing and doubling