## Step 1

Statutory Guidance
Add one-digit and two-digit numbers to 20 , including zero.
Solve one-step problems that involve addition, using concrete objects and pictorial representations, and missing number problems.
Possible representations

$$
\text { e.g. } 7+6=
$$

Using concrete objects


Using pictorial representations

$$
\text { e.g. } 13+5=
$$

$+1+1+1+1+1$


Addition
using more efficient jumps

$18 \quad 19 \quad 20 \quad 21 \quad 22 \quad 23$

## Step 2

## Statutory Guidance

Solve problems with addition:

- using concrete objects and pictorial representations, including those involving numbers, quantities and measures
- applying their increasing knowledge of mental and written methods

Add numbers using concrete objects, pictorial representations, and mentally, including:

- a two-digit number and ones
- a two-digit number and tens
- two two-digit numbers
- adding three one-digit numbers e.g. $37+15=$

2 digit number add a 2 digit number using efficient place value jumps


| Non-statutory guidance |  |  |  |
| :---: | :---: | :---: | :---: |
| $34+23=$ |  |  |  |
| $30 \quad 4$ |  |  |  |

## Step 3

## Statutory Guidance

 Add numbers with up to three digits, using formal written methods of columnar addition.Solve problems, including missing number problems, using number facts, place value, and more complex addition.
e.g. $376+57=433$ (expanded addition)

| 300 | 70 | 6 |  |
| :--- | :--- | :--- | :--- |
| + | 50 | 7 |  |
| 400 | 30 | 3 |  |
| 100 | 1 | 0 |  |

## Step 4

Statutory Guidance
Add numbers with up to 4 digits using the formal written methods of columnar addition where appropriate
e.g. $6321+858=$

$$
6321
$$

| 858 |
| ---: |
| 7179 |

## Measurement

Based on statutory guidance linked to money and measures to 2 decimal

## places.

e.g. $67.75+21.50=$

| 67.75 |
| ---: |
| +21.50 |
| 89.25 |

## Step 5

Statutory Guidance Add whole numbers with more than 4 digits including using formal written methods (columnar addition)
e.g. $12478+73649=$

12478
$+7369$
19847

## Measurement

Based on statutory guidance linked to money and measures to 2 decimal places

| 9.42 |
| ---: |
| +6.78 |
| 16.20 |

