## EYFS

Subtract 1 digit numbers verbally using objects. Counting back. Number bonds to 5 .
Verbally follow a number sentence - say how many is left


## Year 1

Subtract one digit and 2 digit numbers to 20 including zero. Solve one step problems in subtraction using concrete objects and pictorial representations. Eg, 7 = _-_ - 2
Identify one less. Find 'a difference' by counting up.

Counting back on a number line


Using objects and pictures


Finding the difference


Use of dienes, numicon, place value counters and number lines to support learning before moving onto written methods.
$22-7=$


47-32 =

| $47-25=$ | 1. Biggest number first |
| :--- | :--- |
| $47-5=42$ | 2. Subtract the ones |
| $42-20=22$ | 3. Subtract the tens |

Using concrete/pictorial representations.


Expanded column subtraction (partitioning method, using friendly numbers first - no exchanging)


Compact column subtraction, without exchanging and then with exchanging (use apparatus to support exchanging)


## Year 4

Use addition/subtraction facts to 100 and addition/subtraction facts of multiples to 100. Subtraction facts for 1 and 10 with decimal numbers to one decimal place.
Subtract mentally combination of 2 and 3 digit numbers and decimals to one decimal place.

Subtraction of numbers with up to 4 digits. using formal written method of column subtraction. Subtraction of decimals with at least one decimal place.
Estimate and inverse to check calculations.
Solve more complex two step problems deciding upon operation and method.

Use of concrete apparatus including dienes and place value counters.

3,454-1,224


Use of compact column method subtracting the ones first.

|  | Th | H | T | O |
| :---: | :---: | :---: | :---: | :---: |
|  | 3 | 4 | 5 | 4 |
| - | 1 | 2 | 2 | 4 |
| 2 | 2 | 3 | 0 |  |

Exchanging - use apparatus (dienes and numicon to provide visual image), moving onto compact formal method.


Children use and apply this method to money and measures.

$$
\text { £6. } 78
$$

$-\frac{£ 2.56}{£}$
Formal method with more than 4 digits.


Extend to decimal numbers


Tenths, hundredths and thousandths should be correctly aligned, with the decimal point aligned vertically. Zero can be used as a place holder to indicate place value.
Use compact column method to subtract in contexts of money, measures including decimals with a number of different decimal places.
Subtract numbers of increasing complexity including money measure and decimals with different numbers of decimal places.


Use knowledge of the order of operations to carry
Empty decimal places can be filled with zero. out calculations involving the four operations.

