



## Mental maths fluency skills

You must include the previous year's skills in your starters. Your current year provides the new skills which you must introduce and practise.

### Developing skills (Year 1)

Odd and even numbers

One more/ one less

Identifying the place value of digits

Add and subtract single digits from numbers up to 20

Adding three numbers e.g.  $10 + 3 + 4$

Ordering numbers

Sequencing

Comparing using greater and less than signs

Counting forward

Counting backwards

### Working towards (Year 2)

2, 5 and 10 times tables

2, 5 and 10 division facts

Ten more/ ten less

Add and subtract single digits from numbers up to 100.

Two-digit addition and subtraction

Missing Boxes

$$\boxed{\phantom{00}} + 9 = 13$$

### Year 3

100 more/100 less

Adding/ subtracting multiples of 10 e.g  $34 + 20$

Add and subtract single digits from numbers over 100.

Finding halves and quarters of numbers

Place value missing boxes up to 3 digits  $842 = 800 + \square + 2$

3 and 4 timestable facts

3 and 4 division facts

Three digit addition and subtraction

#### Year 4

X and  $\div$  by 0

X and  $\div$  by 1

Missing boxes involving division  $\square = 25 \div 5$

1000 more/1000 less

Adding and subtracting fractions with the same denominators

Place value missing boxes with 4 digits  $1,437 = 1,000 + \square + 30 + 7$

Fractions of amounts

Dividing by 10

Dividing by 100

Adding three numbers that are 3 and 4 digits  $456 + 2,351 + 142 =$

Multiply 3 digits by 1 digit

#### Year 5

Place value missing boxes up to appropriate numbers

$54,382 = 50,000 + \square + 300 + 80 + 2$

X and  $\div$  by 1000

Addition and subtraction with mixed fractions

Addition and subtraction with different denominators

Addition and subtraction with decimal numbers

Short division

Long multiplication

Multiplying fractions by whole numbers