## Key Instant Recall Facts in Maths (KIRFs) <br> Year 3

## Counting and Place Value

- Count from 0 in multiples of 100
- Count from 0 in multiples of 50
- Count from 0 in multiples of 4
- Count from 0 in multiples of 8
- Count in 4 s from any given number, forwards and backwards
- Count in 3s from any given number, forwards and backwards
- Find 10 more / less than a given number
- Find 100 more / less than a given number
- Understand the value of H, T \& Ones
- Read and write numbers to 1000 (numerals and words)
- Round numbers to nearest 10 and 100


## Number Bonds

- Know all number bonds to 100


## Multiplication and Division Facts

- $x$ and $\div$ by 4
- $x$ and $\div$ by 3
- $x$ and $\div$ by 6
- $x$ and $\div$ by 8
- $x$ and $\div$ by 9
- Children recognise that multiples of even times tables are all even


## Doubling and Halving

- Know doubles of all multiples of 10 to 500
- Know halves of all multiples of 10 to 500
- Know doubles of all multiples of 100 to 5000
- Know halves of all multiples of 100 to 5000


## Addition and Subtraction

- Know all addition and subtraction facts for multiples of 100 to 1000
- Know all addition and subtraction facts for multiples of 5 with a total of 100
- Add and subtract mentally:
- A three-digit number and ones
- A three-digit number and tens
- A three-digit number and hundreds


## Measures

- Know the number of seconds in a minute
- Know the number of minutes in an hour
- Know the number of hours in a day
- Know the number of days in each month, year and leap year
- Know which units are used to measure length, weight, capacity

