



# Key Instant Recall Facts (KIRFs)

*Be the best you can be, every day.*

By the end of each half term, children should know the following facts. The aim is for them to recall these facts instantly.

|       | Reception                          | Year 1                                                 | Year 2                                                              | Year 3                                                             | Year 4                                                                     | Year 5                                                                                 | Year 6                                                                                                                                                                                 |
|-------|------------------------------------|--------------------------------------------------------|---------------------------------------------------------------------|--------------------------------------------------------------------|----------------------------------------------------------------------------|----------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Aut 1 | I can subitise to 5                | I can subitise to 10                                   | I know number bonds within 20                                       | I know the multiplication and division facts for the 3 times table | I know number bonds to 100                                                 | I know the multiplication and division facts for all times tables up to $12 \times 12$ | I can derive $\times$ and $\div$ of smaller and larger multiples using place value and related facts                                                                                   |
| Aut 2 | I can recall number bonds within 5 | I know number bonds for each number within 10          | I know the multiplication and division facts for the 10 times table | I know the multiplication and division facts for the 4 times table | I know the multiplication and division facts for the 9 and 11 times tables | I can find factor pairs of a number                                                    | I can identify common factors of a pair of numbers                                                                                                                                     |
| Spr 1 | I know doubling facts up to $5+5$  | I know doubles and halves of numbers to 10 ( $10+10$ ) | I know the multiplication and division facts for the 5 times table  | I know the multiplication and division facts for the 8 times table | I can recognise decimal equivalents of fractions                           | I can identify prime numbers up to 20                                                  | I can convert between decimals, fractions and percentages particularly the fractions $\frac{1}{2}$ , $\frac{1}{4}$ , $\frac{3}{4}$ , $\frac{1}{3}$ , $\frac{2}{3}$ , tenths and fifths |
| Spr 2 | I can recall number bonds to 10    | I can recite the number names in order to 50           | I know the multiplication and division facts for the 2 times table  | I can recall facts about measures and money                        | I know the multiplication and division facts for 7 times table             | I can recall square numbers up to 144 and their square roots                           | I can tell the time and use times tables to solve time problem.                                                                                                                        |
| Sum 1 | I know odds and evens up to 10     | I can count in 2's, 5's and 10's to 50/100             | I know doubles and halves of numbers to 20                          | I can recall facts about durations of time                         | I know the multiplication and division facts for 12 times table            | I know decimal number bonds to 1 and 10                                                | I know the formulae for finding area of different shapes                                                                                                                               |
| Sum 2 | I can verbally count beyond 20     | I can tell the time using o'clock and half past        | I can tell the time to the nearest 5 minutes                        | I know the multiplication and division facts for the 6 times table | I can multiply and divide single-digit numbers by 10 and 100               | I can recall metric conversion.                                                        | I know the square roots of square numbers to $15 \times 15$                                                                                                                            |