



Key Instant Recall Facts (KIRFs)

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

	FS1	FS2	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Aut 1	Recite the number names to 5. Number rhymes. Understands and uses the language more	Composition of 3. counting sounds and actions to 10.	I can add 0 or 1 to a number. I can add 2 to a number.	Count forwards and backwards to 100 in 1's. I know number bonds to 10. I know number bonds to 20.	I know number bonds for all numbers up to 20. Count in 50s and 100s.	I know number bonds to 100. Count in 25s and 1000s.	I know the multiplication and division facts for all times tables up to 12×12 .	I can use related multiplication and division facts to solve related questions.
Aut 2	Recognise numerals to 3. Link numerals and amounts to 3.	Recognise quantities, without counting, up to 5. (Subitise)	I know number bonds to 5 and then 10.	Count forwards and backwards in 1's and 10's from different starting points. Count in 2's, 5's and 10's.	Count in 3s. I know the multiplication and division facts for the 3 times table. (up to 12×3)	Count in 6s. I know the multiplication and division facts for the 6 times table. (up to 12×6)	I can find factor pairs of a number.	I can multiply and divide numbers by 10, 100 and 1000.
Spr 1	Recite numerals to 10. Count sounds and actions.	Link the numerals to cardinal number value to 10.	Recite the number names in order to 50 and beyond.	I know doubles and halves of numbers to 20. I know near doubles to 10. I can use bridging and compensation for addition to 10+10.	Count in 4s. I know the multiplication and division facts for the 4 times table. (up to 12×4)	Count in 9s and 11s. I know the multiplication and division facts for the 9 and 11 times tables. (up to 12×9 and 12×11)	I can identify prime numbers up to 20. I can recall square numbers up to 144.	I can identify common factors of a pair of numbers. I can identify prime numbers up to 50. Know square number and cube numbers.
Spr 2	Sort objects and say which group is more/fewer. Perceptually subitise to 3.	Partition numbers to 5 into 2 groups. I can say 1 more than a given number up to 10.	I know doubles and halves of numbers to 10. I know near doubles to 5.	I know the multiplication and division facts for the 2 times table. (up to 12×2)	Count in 8s. I know the multiplication and division facts for the 8 times table. (up to 12×8)	Count in 7s and 12s. I know the multiplication and division facts for the 7 and 12 times table. (up to 12×7 and 12×12)	Know the decimal and percentage equivalents of the fractions $\frac{1}{2}, \frac{1}{4}, \frac{3}{4}, \frac{1}{3}, \frac{2}{3}$, tenths and fifths	Know the decimal and percentage equivalents of the fractions $\frac{1}{2}, \frac{1}{4}, \frac{3}{4}, \frac{1}{3}, \frac{2}{3}$, tenths and fifths
Sum 1	Recognise numbers to 5.	Recall some number bonds of numbers 0-10, including subtraction facts. 1 more and 1 less to 10.	Count in 2s to 20. Count in 10s to 100. Count in 5s to 50.	I know the multiplication and division facts for the 10 and 5 times table. (up to 12×10 and 12×5)	Count up and down in tenths. I can recognise decimal equivalents of tenths.	I can recognise decimal equivalents of the fractions $\frac{1}{2}, \frac{1}{4}, \frac{3}{4}$, tenths and hundredths.	I know decimal number bonds to 1 and 10.	Revisit previous KIRFS
Sum 2	Recite number names in order to 10. Link numerals to amounts to 5.	Recite number names in order to 20. Automatically recall some doubles facts up to 5+5.	I know odd and even numbers to 20.	Count in 3s to 36.	I can multiply and divide by 10.	I can multiply and divide 1 and 2-digit numbers by 10 and 100.	Revisit previous KIRFS	Revisit previous KIRFS