

KIRFS (Key Instant Recall Facts)

By the end of each half term, children should know the following facts. The aim is for them to recall these facts instantly. They will be taught at school and practised at home.

	Nursery	Reception	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Aut 1	Recognise and recite the number names to 5, including rhymes and songs Touch count to 3.	Name numbers in order to 10 and compare 2 numbers by saying which is more or less. Recognise quantities upto 3	Read and write numbers to 10 in numerals.	I know number bonds to 20.	I know number bonds for all numbers up to 20.	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 know the multiplication and division facts for all times tables up to 12×12 .
Aut 2	Recite the number names in order to 5. Touch count to 5. Subitize to 3 Use the language: before, after, next.	I can say 1 more than a given number up to 10. Recognise quantities, without counting, up to 5. (Subitise)	I can add 0 or 1 to a number. I can add 2 to a number.	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 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 identify common factors of a pair of numbers.
Spr 1	Name simple shapes Full/empty Big/small Heavy/light Representations to 3 Ordering numerals to 5	Partition numbers to 5 into 2 groups. Recall number bonds of numbers of 2, 3, 4, 5 including partitioning facts.	I know number bonds to 10. I know odd and even numbers to 20.	Count in 2s. I know the multiplication and division facts for the 2 times table. (up to 12×2)	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 and their square roots.	I can identify prime numbers up to 50. Know the square roots of square numbers to 15×15
Spr 2	Sort objects and say which group is more/less. Representations to 5	Know the inverse subtraction facts of numbers 2, 3, 4, 5	Count in 2s to 20. Count in 10s to 100. Count in 5s to 50.	Count in 5s and 10s. 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.	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	Recite number names to 10 including rhymes and songs	Recall number bonds of 10. Odd/even numbers Automatically recall doubles facts up to $5+5$	I can add 10 to a number.	Count in 3s to 36.	Count in 8s. I know the multiplication and division facts for the 8 times table. (up to 12×8)	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. Begin to recognise quantities, without counting, up to 5. (Subitise)	Recite number names in order to 20.	I know doubles and halves of numbers to 10. I know near doubles to 5.	To begin to know the 3 times tables. (up to 10×3)	I can multiply and divide 1 digit numbers by 10.	I can multiply and divide 1 and 2-digit numbers by 10 and 100.	Revisit previous KIRFS	Revisit previous KIRFS