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.

	Nursery	Reception	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Aut 1	I can say the numbers from 0 to 5 and back from 5 to 0 in order.	I can name numbers in order to 10 and compare two numbers by saying which is more or less	Recite the number names in order to 50 and beyond.	I know number bonds to 20.	I know number bonds for all numbers to 20.	I know number bonds to 100.	I know decimal number bonds to 1 and 10.	I know the multiplication and division facts for all times tables up to 12 × 12.
Aut 2	I can count groups of objects reliably to 5.	I know number bonds to 5.	I know number bonds for each number to 6.	I know the multiplication and division facts for the 2 times table.	I know the multiplication and division facts for the 3 times table.	I know the multiplication and division facts for the 6 times table.	I know the multiplication and division facts for all times tables up to 12 × 12.	I can identify common factors of a pair of numbers.
Spr 1	I can say the numbers from 0 to 10 and back from 10 to 0 in order.	I recognise quantities without counting, up to 5 (subitise).	I know doubles and halves of numbers to 10.	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 the 9 and 11 times tables.	I can recall metric conversions.	I can convert between decimals, fractions and percentages.
Spr 2	I recognise quantities without counting, up to 3 (subitise).	I know 1 more/1 less than any given number up to 10.	I know number bonds to 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 7 times table.	I can identify prime numbers up to 20.	I can identify prime numbers up to 50.
Sum 1	I can recognise and match numerals and quantities up to 5.	I can count, read and order numbers to 20.	I can tell an O'clock or half past time.	I can tell the time using quarter past and quarter to.	I can tell the time to the nearest five minutes	I can multiply and divide single-digit numbers by 10 and 100.	I can recall square numbers up to 144 and their square roots.	Know the square roots of square numbers to 15 x 15
Sum 2	I can sort objects and say which group is more/less.	I know double facts up to 5 + 5 and halves of even numbers to 10.	I know number bonds for each number to 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 find factor pairs of a number.	I know the first 5 cube numbers.

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