Additional Skills in Maths

Key **I**nstant **R**ecall **F**acts (**KIRF**'s)

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
Autumn 1	Recite the number names in order to 10 and beyond.	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.
Autumn 2	Begin to know the days of the week.	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.
Spring 1	Recognise numerals 0-10	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.
Spring 2	Be able to partition numbers to 5 into two groups.	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 can recognise decimal equivalents of fractions.	I can identify prime numbers up to 20.	I can identify prime numbers up to 50.
Summer 1	Count in 10s to 100	I can tell the time.	I can tell the time.	I can tell the time.	I know the multiplication and division facts for the 7 times table.	I can recall square numbers up to 144 and their square roots.	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
Summer 2	Count in 2s to 20.	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 multiply and divide single-digit numbers by 10 and 100.	I can find factor pairs of a number.	Know the square roots of square numbers to 15 x 15