K.I.R.F. Progression Document

By the end of each half term, children should know these key facts in order to be able to access the curriculum and be fluent in key skills. The aim is to recall these facts instantly.

	Reception	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Aut 1	Say the number names in order to 5	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	Say the numbers in order to 10	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 can multiply and divide single-digit numbers by 10 and 100.	I can identify common factors of a pair of numbers.
Spr 1	Be able to partition numbers to 5 into two groups	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	Count in 10s	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.
Sum 1	Know the days of the week	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.	Revise all KIRFs.
Sum 2	Count in 2s	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 know the multiplication and division facts for all times tables up to 12 × 12.	I can find factor pairs of a number.	Revise all KIRFs.