Northleigh C of E Primary School's Key Instant Recall Facts (KIRFs)

Below is a table that explains all of the mathematical facts that children should know by the end of each half term. 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	Recognise and recite the number names to 5. Touch count to 3.	Name numbers in order to 10 and compare 2 numbers by saying which is more or less.	Recite the number names in order to 50 and beyond.	Recite the number names in order to 100. I know number bonds up to 20.	I know number bonds for all numbers up to 20. Count in 50's and 100's.	I know number bonds to 100. Count in 25's and 1000's.	I know the multiplication and division facts for all times tables up to 12.	I know the multiplication and division facts for all times tables up to 12.
Aut 2	Recite the number names in order to 5.	Recognise quantities without counting, up to 5. (Subitise)	I can add 0 or 1 to a numbers. I can add 2 to a number.	I know doubles and halves of numbers up to 20. I can use bridging and compensation for addition to 10+10.	Count in 3's. I know the multiplication and division facts for the 3-times table.	Count in 6's. I know the multiplication and division facts for the 6-times table.	I can find factor pairs of a number.	I can identify common factors of a pair of numbers.
Spr 1	Use the language: before, after, next.	I can say 1 more than a given number up to 10.	I know number bonds to 10. I know odd and even numbers to 20.	Count in 2's. I know the multiplication and division facts for the 2 times tables.	Count in 4's. I know the multiplication and division facts for the 4-times table.	Count in 9's and 11's. I know the multiplication and division facts for the 9- and 11-times table.	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. I know the square roots of square numbers to 15x15.
Spr 2	Sort objects and say which group is more/less. Name simple shapes.	Partition numbers to 5 into 2 groups	Count in 2's to 20. Count in 10's to 100. Count in 5's to 50.	Count in 5's and 10's. I know multiplication and division facts for the 10- and 5-times table.	Count in 8's. I know the multiplication and division facts for the 8-times table.	I know the multiplication and division facts for the 7- 12-times table.	Know the decimal and percentage equivalents of the fractions ½, ¼, ¾, $^1/_3$, $^2/_3$, tenths and fifths.	Know the decimal and percentage equivalents of the fractions ½, ¼, ¾, $^1/_3$, $^2/_3$, tenths and fifths.
Sum 1	Recite number names to 10.	Recall number bonds of numbers 0-10, including partitioning facts. Know some odd and even numbers to 10.	I can add 10 to a number.	Count in 3's to 36.	Count up and down in tenths. I can recognise decimal equivalence of tenths.	I can recognise decimal equivalence of the fractions ½, ¼, ¾, tenths and hundredths.	I know decimal number bonds up to 1 and 10.	Revisit previous KIRFs

Sum 2	Recite number names in order to 10.	Recite number names in order to 20. Automatically recall doubles facts up to 5+5.	I know doubles and halves of numbers to 10. I know near doubles to 5.	To begin to know the 3-times tables.	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