

## Newton Hill Community School - Key Instant Recall Facts – Fast Math

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	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. I know number bonds up to and within 5.	Recite the number names in order to 100. I know number bonds to and within 20.	I can use number bond knowledge to and within 10 and 20 to work out number bonds to 100.	I know number bonds to and within 100.  Count in 25s and 1000s.	I know the multiplication and division facts for all times tables up to $12 \times 12$ .	I know the multiplication and division facts for all times tables up to $12 \times 12$ .
Aut 2	Recite the number names in order to 5. Touch count to 5.	Recognise quantities, without counting, up to 5. (Subitise)	I know number bonds to and within 10. I know odd and even numbers to 20.	I know doubles and halves of numbers to 20. I know near doubles to 10.	Count in 3s. I know the multiplication and division facts for the 3 times table. (up to $12 \times 3$ )	Count in 6s. I know the multiplication and division facts for the 6 times table. (up to $12 \times 6$ )	I can recall square numbers up to $12^2$ and their square roots.	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 addition and subtraction facts to and within 10.	Count in 2s. I know the multiplication and division facts for the 2 times table. (up to $12 \times 2$ )	Count in 4s. I know the multiplication and division facts for the 4 times table. (up to $12 \times 4$ )	I can multiply and divide 1 and 2-digit numbers by 10 and 100.	I can find factor pairs of a number.	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
Spr 2	Sort objects and say which group is more/less.  Name simple shapes.	Partition numbers to 5 into 2 groups.	Count in 2s to 20. Count in 10s to 100. Count in 5s to 50.	Count in 10s. I know the multiplication and division facts for the 10 times table. (up to $12 \times 10$ )	Count in 8s. I know the multiplication and division facts for the 8 times table. (up to $12 \times 8$ )	Count in 9s and 11s. I know the multiplication and division facts for the 9 and 11 times tables. (up to $12 \times 9$ and $12 \times 11$ )	I know decimal number bonds to 1 and 10.	I can identify prime numbers up to 50.
Sum 1	Recite number names to 10.	I know number bonds to and subtraction facts within 5.  Know some odd and even numbers to 10.	I know doubles and halves of numbers to 20.	Count in 5s. I know the multiplication and division facts for the 10 times table. (up to $12 \times 10$ )	I can recall facts about durations of time (minutes, hours, days, weeks, months, year).	Count in 7s. I know the multiplication and division facts for the 7 times table (up to $12 \times 7$ ).	I can identify prime numbers up to 20.	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 how to tell the time to the nearest hour and half hour.	I know how to tell the time to the nearest hour, half hour, quarter hour and 5 minutes.  To begin to know the 3 times tables. (up to $10 \times 3$ )	I can tell the time to the nearest hour, half hour, quarter hour, 5 minutes and minute.	I can recognise decimal equivalents of the fractions $\frac{1}{2}, \frac{1}{4}, \frac{3}{4}$ , tenths and hundredths.	I can recall metric conversions (kilograms, grams, kilometres, metres, centimetres, millimetres, litre, millilitres).	Revisit previous KIRFS