

## OBS KIRFs

- KIRFs (Key Instant Recall Facts) are designed to support the development of the mental fluency skills that underpin much of the mathematics curriculum. They are particularly useful when calculating, be it adding, subtracting, multiplying or dividing.
- Instant recall of facts helps enormously with mental agility in mathematics; when children move onto written calculations and abstract methods, knowing these key facts is crucial. For children to become more efficient in recalling them easily, they need to be practised frequently and in short bursts.

	F1	F2	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
<b>Autumn 1</b>	Can name numbers to 5 in order through rote counting	Verbally to 20 and beyond and recognise the pattern of the counting system	I can read and write numbers from 1-10 in numerals and words.	I know addition and subtraction facts to 20 including 1 more and 1 less of a number	I know addition and subtraction facts to 50	I know addition and subtraction facts to 100	I know the all 12 times tables (X and $\div$ ) fluently	I know all the 12 times tables (X and $\div$ ) fluently
<b>Autumn 2</b>	Can name numbers to 10 in order through rote counting	Recall 1 more and 1 less to 5 and subitise to 5	I can add and subtract numbers using numbers within 10	I know my numbers bonds to 20	I know the 3 times tables (X and $\div$ )	I know the 6 times tables (X and $\div$ )	I know factor pairs for numbers to 100	I can round any whole number to nearest degree of accuracy
<b>Spring 1</b>	Recall amounts to 5 and represent using fingers	Partition numbers to 5	I can identify one more and one less than a given number	I can identify ten more and ten less than a given number	I know doubles and halves for numbers to 50	I can multiply or divide a single digit by 10 or 100	I know all the 12 times tables (X and $\div$ ) fluently	I can identify common factors of a pair of numbers for facts up to 12 x 12
<b>Spring 2</b>	Understand the concept of more / less	Recall 1 more and 1 less to 10	I know my numbers bonds to 10.	I know doubles and halves for numbers to 20	I know the 4 times tables (X and $\div$ )	I know the 9 times tables (X and $\div$ )	I can count forwards and backwards in 25s from any number	I can convert between decimals, fractions and decimals
<b>Summer 1</b>	Subitise to 3	Recall number bonds to 5 and 10 including double facts and subtraction	I can count to 100 forwards and backwards starting at any number	I know the 2's and 10's times tables (X and $\div$ )	I can identify simple 2D and 3D shapes	I know the 7 times tables (X and $\div$ )	I know decimal number bonds to 1 and 10 (1dp and 2P)	I know doubles and halves of decimal numbers with up to 2 decimal places.
<b>Summer 2</b>	Verbally count to 10 and beyond		I know halves and doubles to 10	I know the 5's times tables (X and $\div$ )	I know the 8 times tables (X and $\div$ )	I know all the 12 times tables (X and $\div$ ) fluently	I can tell the time to the nearest 5 minutes	Revisit Previous KIRFs