

Overview of KIRFs (Key Instant Recall Facts) - Term by Term

	Reception	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Autumn Term 1	Recognise quantities, without counting, to 5. (Subitise)	Know all number bonds to 5. Recite the number names in order to 50 and beyond.	Recite the number names in order to 100. Know all number bonds for 10 and 20.	To know number bonds for all numbers up to 20. Count in 50s and 100s.	To know number bonds to 100. Count in 25s and 1000s..	To know the multiplication and division facts for all times tables up to 12 x 12.	To know the multiplication and division facts for all times tables up to 12 x 12.
Autumn Term 2	Name numbers in order to 10 and compare two numbers by saying which is more or less.	1 more and 1 less	Add and subtract 10 to a number. Count in 10s. Know the multiplication and division facts for the 10x table.	Count in 3s. Know the multiplication and division facts for 3x table. (Up to 12 x 3)	Count in 6s. Know the multiplication and division facts for 6x table. (Up to 12 x 6)	Find factor pairs of a number.	Identify common factors of a pair of numbers.
Spring Term 1	Say 1 more than a given number up to 10.	Number bonds to 10	Count in 2s. Know the multiplication and division facts for 2x table. (Up to 12 x 2)	Count in 4s. Know the multiplication and division facts for 4x table. (Up to 12 x 4)	Count in 9s and 11s. Know the multiplication and division facts for the 9 and 11 times table. (Up to 12 x 9 and 12 x 11)	Identify prime numbers up to 20. Recall square numbers up to 144 and their square roots.	Identify prime numbers up to 50. Know the square roots of square numbers up to 15 x 15.
Spring Term 2	Partition numbers to 5 into two groups. Number bonds to 5.	Number bonds to 20. Know odd and even numbers to 20.	Count in 5s. Know the multiplication and division facts for 5x table. (Up to 12 x 5)	Count in 8s. Know the multiplication and division facts for 8x table. (Up to 12 x 8)	Count in 7s and 12s. Know the multiplication and division facts for the 7 and 12 times table. (Up to 12 x 7 and 12 x 12))	Know the decimal and percentage equivalents of the fractions $\frac{1}{4}$, $\frac{1}{2}$, $\frac{3}{4}$, $\frac{1}{3}$, $\frac{2}{3}$, tenths and fifths.	Know the decimal and percentage equivalents of the fractions $\frac{1}{4}$, $\frac{1}{2}$, $\frac{3}{4}$, $\frac{1}{3}$, $\frac{2}{3}$, tenths and fifths.
Summer Term 1	Partition numbers to 10 into two groups. Begin to know number bonds to 10. <i>Know some odd and even numbers to 10.</i>	Count in 2s to 20. Count in 5s to 50. Count in 10s to 100.	Know all doubles and halves of even numbers to 20	Count up and down in tenths. Recognise decimal equivalents of tenths.	To recognise decimal equivalents of the fractions $\frac{1}{4}$, $\frac{1}{2}$, $\frac{3}{4}$, tenths and hundredths.	To know decimal number bonds to 1 and 10.	Revisit previous KIRFs.
Summer Term 2	Recite the number names in order to 30 and beyond. <i>Automatically recall double facts up to 5 + 5.</i>	To add 10 to any number. Know all doubles and halves of even numbers to 10.	Count in 3s to 36. Begin to learn the 3x table. (Up to 10 x 3)	Multiply and divide 1 digit numbers by 10.	To multiply and divide 1 and 2 digit numbers by 10 and 100.	Revisit previous KIRFs.	Revisit previous KIRFs.

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