Key Instant Recall Facts (KIRFs)
Overview
KS2

	Year 3	Year 4	Year 5	Year 6
Autumn 1	Can I recall 10 and 100 more or less than a given number?	Can I recall all number bonds to 100?	Can I recall multiplication scaling facts by 10 and 100?	Can I recall all prime numbers up to 100?
Autumn 2	Can I count forwards and backwards in 3s, 4s and 8s?	Can I count in 6s and recall the 6 times table facts? Can I count in 9s and recall the 9 times table facts?	Can I recall doubles and halves of all 2-digit numbers up to 50?	Can I recall the common factors of two given numbers?
Spring 1	Can I recall the 3 times table facts?	Can I count in 11s and recall the 11 times table facts? Can I count in 12s and recall the 12 times table facts?	Can I recall the factor pairs of a given number?	Can I recall the square numbers and their roots up to 15^2, and cube numbers and their roots up to 5^3?
Spring 2	Can I recall the 4 times table facts?	Can I count in 7s and recall the 7 times table facts?	Can I recall equivalent percentages, decimals and fractions for ½, ¼, ¾, tenths and hundredths?	*Consolidation*
Summer 1	Can I recall the 8 times table facts?	Can I recall multiplications and divisions of 1-digit numbers by 10 and 100?	Can I recall all decimal bonds to 1 and 10 (1 decimal place)?	*Consolidation*
Summer 2	Can I tell the time to the nearest minute?	Can I recall equivalent decimals for ½, ¼, ¾, tenths and hundredths?	Can I recall all metric conversions?	*Consolidation*

Summary of KIRFs (Key Instant Recall Facts): KS2

Place Value & Counting	Number Bonds	Addition & Subtraction
Can I count forwards and backwards in 3s, 4s, 8s, 6s, 9s, 11s, 12s and 7s? Can I recall equivalent decimals for ½, ¼, ¾, tenths and hundredths? Can I recall equivalent percentages, decimals and fractions for ½, ¼, ¾, tenths and hundredths? Can I recall all prime numbers up to 100?	Can I recall all number bonds to 100? Can I recall all decimal bonds to 1 and 10 (1 decimal place)?	Can I recall 10 and 100 more or less than a given number?
Doubling & Halving	**Multiplication & Division**	**Measures**
Can I recall doubles and halves of all 2-digit numbers up to 50?	Can I recall the 3, 4, 8, 6, 9, 11, 12 and 7 times tables? Can I multiply and divide 1-digit numbers by 10 and 100? Can I recall multiplication scaling facts by 10 and 100? Can I recall the factor pairs of a given number? Can I recall the common factors of two given numbers? Can I recall the square numbers and their roots up to 15^2, and cube numbers and their roots up to 5^3?	Can I tell the time to the nearest minute? Can I recall all metric conversions?