



KIRFs 2018-2019

(key instant recall facts for maths)

End of KS1	Children should already have instant recall of multiplication and division facts for 2, 5 and 10 times tables Some will also be able to recall some number bonds to 20, double and halves to 20 and how to tell the time to the hour, half past and quarter to/quarter past. Assessment of these should take place at beginning of year 3 and practised if needed.			
	Year 3	Year 4	Year 5	Year 6
Autumn 1	I know number bonds for all numbers to 20.	I know number bonds to 100.	I know the multiplication and division facts for all times tables up to 12×12 .	I know the multiplication and division facts for all times tables up to 12×12 .
Autumn 2	I know the multiplication and division facts for the 3 times table.	I can multiply and divide single-digit numbers by 10 and 100.	I can recall square numbers up to 144 and their square roots.	I can identify prime numbers up to 50.
Spring 1	I know the multiplication and division facts for the 4 times table.	I know the multiplication and division facts for the 6 times table.	I can recall equivalent fractions of $1/5$, $1/3$ and $1/8$	I can identify common factors of a pair of numbers.
Spring 2	I know the multiplication and division facts for the 8 times table	I know the multiplication and division facts for the 9 and 11 times tables.	I can identify prime numbers up to 20. I can find factor pairs of a number.	I can convert between decimals, fractions and percentages.
Summer 1	I can tell the time and recall facts about durations of time.	I know the multiplication and division facts for the 7 times table.	I know decimal number bonds to 1 and 10.	
Summer 2	I know key facts about shape and measure.	I can recognise decimal equivalents of fractions: $1/2$, $1/4$, $1/10$ and $3/4$	I can recall metric conversions.	