

	Reception	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
A u t 1	Recite the number names in order to 10 and beyond.	I can read and write number 0-10 in numerals and words.	Know number bonds to 20. (Addition and subtraction)	Know number bonds for all numbers to 20. (Addition and subtraction)	Know number bonds to 100.	Know the multiplication and division facts for all times tables up to 12×12 .	Identify common factors of a pair of numbers.
A u t 2	Begin to know the days of the week.	Know number bonds for each number to 6.	Know the multiplication and division facts for the 2 times table.	Know the multiplication and division facts for the 3 times table.	Know the multiplication and division facts for the 6 times table.	Find factor pairs of a number.	Identify prime numbers up to 50.
S p r 1	Recognise numerals 0-10.	Know number bonds to 10 and numbers bonds for each number to 10.	Know doubles and halves of numbers to 20.	Find 10 and 100 less or more than a given number.	Know the multiplication and division facts for the 9 and 11 times tables.	Identify prime numbers up to 20.	Convert between decimals, fractions and percentages.
S p r 2	Be able to partition numbers to 5 into two groups.	I can count forward and back in steps of 2, 5 and 10.	Know the multiplication and division facts for the 10 times table.	Know the multiplication and division facts for the 4 times table.	Know the multiplication and division facts for the 7 times table.	Recall square numbers up to 144 and their square roots.	Derive multiplication and division facts using decimals.
S u m 1	Count in 10s to 100.	Tell the time. (Days of the week, months of the year and seasons).	Tell the time. (O'clock, Half past, Quarter past, Quarter to).	Tell the time. (5 minute intervals)	Multiply and divide single-digit numbers by 10 and 100.	Know decimal number bonds to 1 and 10.	Revision set by teacher
S u m 2	Count in 2s to 20.	Know doubles and halves of numbers to 10.	Know the multiplication and division facts for the 5 times table.	Know the multiplication and division facts for the 8 times table.	Recognise decimal equivalents of fractions.	Recall metric conversions.	Know doubles and halves of 2-digit decimals.



Key Instant Recall Facts (KIRF's)



The de Ferrers Trust

Key Instant Recall Facts

- 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.
- Each year group is allocated up to six facts to focus on throughout the year, in line with the National Curriculum and age-related expectations. Time is to be dedicated at least 3 times each week, possibly in smaller, regular bursts, as well as at home, to ensure that the KIRF is practiced and learnt so that children grow in confidence to recall their facts instantly.
- 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.
- Each half term, children will be assessed on their year group's KIRF. Teachers will track when pupils achieve their KIRF and pupils who do not achieve will continue to develop the skill in intervention time.