- KIRFs (Key Instant Recall Facts) are designed to support the development of the mental fluency skills that underpin much of the mathematics curriculum.
- Each year group is allocated up to six facts to focus on throughout the year, in line with the National Curriculum, our White Rose Maths long term plans and age-related expectations. Time is to be dedicated in short, regular bursts, at least 3 times each week during our Fluent in 5 sessions. Support at home is appreciated 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.

	EYFS	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Autumn 1	**Nursery -** I can recite the number names to 5. I can touch count to 3. **Reception -** I can name numbers in order to 10. I can compare 2 numbers by saying which is more or less.	I can read and write numbers to 10 in numerals	I know the number bonds for numbers up to 20	I know number bonds to 100	I know the multiplication and division facts for the 6 X table	I can round numbers to 1 million to the nearest 10, 100 and 1000	I can multiply and divide by 10, 100 and 1000
Autumn 2	**Nursery -** I can recite the number names in order to 5. I can touch count to 5. **Reception -** I can recognise quantities, without counting, up to 5.	I know number bonds to 10	I can count, read and write numbers to 100 in numerals	I can count in multiples of 50 and 100	I know the multiplication and division facts for the 9 and 11 X table	I can identify multiples and factors up to 12 x 12	I can identify common factors of a pair of numbers

Spring 1	**Nursery** - I can use the language: before, after, next. I can sort objects and say which group is more/less. I can name simple shapes. **Reception** - I can say 1 more than a given number up to 10.	I can compare numbers to 10 using < > and =	I know the multiplication and division facts for the 2 X table	I can find 10 or 100 more or less than a given number	I know the multiplication and division facts for the 7 X table	I can identify prime numbers up to 50	I can find fractions of amounts
Spring 2	**Nursery** - I can use the language: before, after, next. I can sort objects and say which group is more/less. I can name simple shapes. **Reception** - I can partition numbers to 5 into two groups.	I can count in 2s and I know doubles and halves to 10	I know the multiplication and division facts for the 5 X table	I know the multiplication and division facts for the 3 X table	I know the multiplication and division facts for the 12 X table	I can recall square numbers up to 12 squared and their square roots	I know common fraction, decimal and percentage equivalences

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Summer 1	**Nursery -** I can recite number names in order to 10. **Reception** - I can recall some number bonds of numbers 0-10. I know some odd and even numbers to 10.	I can make and talk about simple arrays	I know the multiplication and division facts for the 10 X table	I know the multiplication and division facts for the 4 X table	I know the multiplication and division facts all times tables up to 12 X 12	I know the first 5 cube numbers	I can find simple percentages of amounts
Summer 2	**Nursery -** I can recite number names in order to 10. **Reception** - I can recite the number names in order to 20. I know doubles up to 5 + 5.	I can find ½ and ¼ of a simple quantity	I know doubles and halves of numbers to 20	I know the multiplication and division facts for the 8 X table	I can identify equivalent fractions	I can convert between improper and mixed number fractions	I can count in powers of 10, forwards and backwards, with numbers to 10 million