St Mary's C of E Primary School
KIRFS Overview 2021 - 2022

- 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.

	EYFS	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Autumn 1	Say the number names in order to 5	I know number bonds to 10	I know number bonds to 20.	I know number bonds for all numbers to 100.	I know the multiplication and division facts for the 6 times table.	I know the multiplication and division facts for all times tables up to 12x12	I can identify common factors of a pair of numbers.
Autumn 2	Say the numbers in order to 10	I know number bonds for each number to 10	I know the multiplication and division facts for the 2 times table.	I know the multiplication and division facts for the 3 times table.	I know the multiplication and division facts for the 9 and 11 times tables.	I can recall square numbers up to 12 squared and their square roots.	I can write fractions in their simplest form
Spring 1	Be able to partition numbers to 5 into two groups	I can count in 2s, 5s and 10s	I know the multiplication and division facts for the 10 times tables	I know the multiplication and division facts for the 4 times table.	I know the multiplication and division facts for the 7 times table.	I can find factor pairs of a number.	I can convert between decimals, fractions and percentages.
Spring 2	Count in 10s.	I know doubles and halves of numbers to 10	I know the multiplication and division facts for the 5 times table.	I know the multiplication and division facts for the 8 times table.	I can find fractions of amounts.	I know decimal number bonds to 1 and 10.	I can identify prime numbers up to 50.
Summer 1	Know the days of the week	I can count within 100 forwards and backwards, starting with any number.	I know doubles and halves of numbers to 20.	I can recall facts about durations of time.	I know the multiplication and division facts for all times tables up to 12x12	I can recognise decimal equivalents of fractions.	Revision of Key Facts (SATs)
Summer 2	Count in 2s	I can tell the time to the nearest hour and nearest half hour.	I can tell the time to the nearest quarter hour. I can tell the time to the nearest five minutes.	I can tell the time to the nearest minute.	I can multiply and divide single-digit numbers by 10 and 100.	I can recall metric conversions.	Revision of Key Facts