



St Matthew's CE Primary School
Rapid Maths Programme

Developing children's knowledge of mathematical facts, so that they know them 'by heart' is a valuable tool to support calculation strategies, empowers the children and enable them to approach tasks with confidence. Regular practice is needed to secure knowledge and help children instantly recall facts.

We encourage children to think 'Can I do this in my head?' and this is reinforced by the New Maths Curriculum.

Our Rapid Maths Programme will help to build confidence and empower our children.

- Every half term each class has a 'Rapid Maths' target to learn off by heart.
- To support this children will have daily Rapid Maths Lesson for 10 minutes per day
- Rapid Maths will need to be taught in a visual, fun and engaging way.
- Mathematical facts will be taught alongside models and images to support child's ability to visualise Maths
- Build in questions for children to use and apply their 'Rapid Maths' skills intelligently e.g. $1 + 9$ can support with $0.1 + 0.9 =$

Autumn Term

	Reception /Nursery	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Year 6+
Autumn 1	Begin to know days of the week	Know all number bonds for numbers up-to 5	Know all number bonds for numbers up to 20	Know all number bonds for each number to 20	Know all number bonds for 100	Consolidate multiplication and division facts for 12 X 12	Consolidate all number bonds work including decimals 1-10	Partition decimals up to 2 decimal places
Autumn 2	Say the number names in order to 20	Know the days of the week and the seasons	Consolidate multiplication and learn division facts for 2, 5 and 10 table	Consolidate multiplication and division facts for 2,3,5 and 10	Consolidate multiplication and division facts for 2,3,4,5,6 and 10 table	Know all the decimals that total 1 or 10	Consolidate multiplication and division facts to 12 x 12	Derive more complex multiplication and division facts building on tables facts - e.g. decimals and multiples of 10 etc

Spring Term

	Reception /Nursery	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Year 6+
Spring 1	Recognise and order numbers to 10	Know all number bonds for 10	Learn multiplication and division facts for x3 table	Learn multiplication and division facts for 4 and 6	Learn multiplication and division facts for 7,8,9,11,12 table	Know multiplication and division facts for all tables	Know the doubles and halves of all 2 digit numbers	Derive more complex multiplication and division facts building on tables facts - e.g. decimals and multiples of 10 etc
Spring 2	Be able to partition numbers to 5 into 2 groups	Know all addition doubles to 10	Know all doubles and halves of all numbers to 10	Know all doubles and halves of: Numbers to 20 Multiples of 5 to 100 Multiples of 50 to 500 Multiples of 100 to 500	Know the doubles and halves of: Numbers to 50 Multiples of 10 to 500 Multiples of 50 to 500 Multiples of 100 to 500	Know the doubles and halves of: Numbers 1 to 100 Multiples of 10 to 1000 Multiples of 100 to 10,000	Know the doubles and halves of all whole numbers and multiples 10 to 100	Begin to find fractions with a numerator of 1 up to 100

Summer Term

	Reception /Nursery	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Year 6+
Summer 1	Count in 10s	Know addition facts for all numbers within 20	Know all addition facts 10 and derive facts to 100	Know all addition facts for: Multiples of 100 to 1000 Multiples of 5 with a total of 100	Know all pairs of multiples of 50 that total 1000	Know all 2-digit pairs that total 100	Know the doubles and halves of all multiples of 100 to 10,000	Begin to find fractions with a numerator of 1 up to 1000
Summer 2	Count in 2s	Count in steps of 2, 5 & 10 from 0 and 1	Know all multiplication and division facts for 2,3,5, and 10	Know all multiplication and division facts for 2,3,4,5,6,8 and 10	Know all multiplication and division facts for upto 12 x 12	Revise all multiplication and division facts to 12 x 12	Revise and consolidate yearly programme	Revise and consolidate yearly programme