Fluency Facts Progression

Dear Parents/ Carers,

We have recently introduced Fluency Facts as a whole school programme to promote pupils' mental fluency skills in Mathematics.

- Fluency Facts are designed to support the development of the mental arithmetic skills that underpin much of the Mathematics curriculum.
- The 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 year group is allocated one fact per half term, in line with the National Curriculum and age-related expectations. Time in school will be dedicated to learning and rehearsing these facts, through games and short activities.
- It is important that these facts are also practised at home, to ensure that the Fluency Fact is learnt so that children grow in confidence to recall their facts instantly.
- Parent Guides will be sent home at the beginning of each half term to inform you of the Fluency Fact that your child will be working on that half term and some strategies or games to support this.

Please find below the Fluency Facts Progression for all year groups.

We strongly encourage you to engage with your child in the learning of these Fluency Facts; fun, practical ideas are included on the Parent Guide and should be undertaken regularly as part of their daily routine. We know that, by internalising these key facts, children will have a strong foundation of mathematical understanding to build upon.

Thank you for your continued support,

Mrs Upton

Maths Lead

Fluency Facts Progression

	Reception	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Autumn 1	I can count to 5 by saying one number name for each item.	I can read and write numbers 1-10 in numerals and words.	I know number bonds for each number to 20	I can find number bonds to 100 using multiples of 5.	I can find any number bond to 100.	I can round whole numbers to the nearest 10, 100 & 1,000	I can derive multiplication facts using decimal numbers (e.g. 8 x 0.7 = 5.6).
Autumn 2	I can say and recognise numerals to 5.	I know number bonds for each number to 6.	I know addition and subtraction facts for multiples of 10 to 100.	I can find 10 or 100 more or less than a given number.	I know multiplication and division facts for the 6 times table.	I can recall square numbers up to 12^2 and I can identify prime numbers up to 20.	I can identify common factors of a pair of numbers.
Spring 1	I can say and recognise numerals to 10.	I know doubles and halves of numbers to 10.	I know the multiplication and division facts for the 2 times table.	I can count in multiples of 25 and 50.	I know multiplication and division facts for the 9 and 11 times tables.	I know the multiplication and division facts for all times tables up to 12 × 12.	I can identify prime numbers up to 100 and recall the first ten cube numbers.
Spring 2	I can partition numbers to 10, into two groups	I know number bonds to 10.	I know multiplication and division facts for the 10 times table.	I know multiplication and division facts for the 3 times table.	I know multiplication and division facts for the 7 times table.	I can multiply and divide whole numbers by 10, 100 and 1000.	I know common fraction, decimal and percentage equivalences.
Summer 1	I can say and recognise numerals to 20	I know number bonds for each number to 10.	I know doubles and halves of numbers to 15.	I know multiplication and division facts for the 4 times table.	I know the multiplication and division facts for all times tables up to 12 × 12.	I know one and two decimal place number bonds for numbers between 1 and 10.	Revision
Summer 2	I can say which number is one more or one less than a given number to 20	I can count forwards and backwards in twos, fives and tens.	I know multiplication and division facts for the 5 times table.	I know multiplication and division facts for the 8 times table.	I can multiply and divide numbers by 10 and 100.	I can double and halve whole numbers and decimals.	Revision