

How our MATHEMATICS Curriculum helps us FLOURISH.

The intention of our Maths curriculum is that pupils develop fluency in the fundamentals of maths and over time we are aiming for children to have a conceptual understanding and recall their knowledge rapidly, with accuracy to solve problems. We strive for all children to reason mathematically by following a line of enquiry, finding relationships, using generalisations as well as developing justification or proof using mathematical language.

F	<p style="text-align: center;">FOSTERS A LOVE OF READING AND LANGUAGE ACQUISITION</p> <p>It is our mission to give each child the tools to read and understand Mathematical language related to calculations, strategies and concepts they will meet whilst experiencing Maths sessions. To enable each child to be able to calculate, master and become self- assured in their own abilities to deal with problem solving and reasoning when presented to them using symbols and words.</p>
L	<p style="text-align: center;">DEVELOPS LIFELONG LEARNERS WITH A THIRST FOR KNOWLEDGE</p> <p>Each child will be encouraged to develop a love of number, problem solving and reasoning in Maths through supported learning and independent discovery. The seeds of 'Life Maths' sown will be watered and nurtured as they travel through Linaker, High School and into the wider world. Through this, each young person will be able to deal with situations, experiences and challenges they encounter in their futures..</p>
O	<p style="text-align: center;">GIVES OPPORTUNITIES TO DEVELOP CHILDREN'S CURIOSITY AND CREATIVE THINKING</p> <p>Through daily engaging, lively and challenging Maths lessons, children will be taught then encouraged to notice rules and patterns in calculations, problems and reasoning activities. Each child will work and be supported in their Maths learning through the use of manipulatives, peer and adult support at their own level and experienced success on a daily basis. Regular mathematical challenges will be presented to the children in lessons to develop their curiosity and creative thinking in individual, pairs or groups.</p>
U	<p style="text-align: center;">DEVELOPS UNDERSTANDING OF THE WORLD WE LIVE IN, MODERN CULTURAL BRITAIN AND OUR OWN DIVERSE COMMUNITY</p> <p>. Maths has a language all of its own - a language which all can access as it is universal and inclusive. Through embedding a mastery of place value, mathematical operations, the ability to spot patterns and a love of rules, Maths is easily understood and applied. Through threading Mathematical activities into all subjects in the primary curriculum, children will be able to recognise how Maths can be used to apply taught skills and concepts to the world around them.</p>
R	<p style="text-align: center;">PROMOTES RESILIENCE AND TRUST</p> <p>Through the development of resilience and the encouragement to 'never give up' when faced with Mathematical challenges, each child will achieve progress and success at their own level. Children will trust that mistakes will be embraced as part of the Mathematical learning journey. Working in groups, children will work with their peers, taking inspiration from other's thoughts and ideas and complete challenges together.</p>
I	<p style="text-align: center;">DEVELOPS THE WHOLE INDIVIDUAL – VALUES, ATTITUDES AND CHARACTER</p> <p>Each and every child will be supported to achieve all their potential in every aspect of Maths learning during their time in the Linaker community. For each child to be aspirational in their own academic journey and nurtured in their progress they grow as Mathematicians. Success at every level will be celebrated and acclaimed.</p>
S	<p style="text-align: center;">BUILDS UPON SKILLS AND KNOWLEDGE</p> <p>As each child progresses through the Linaker family, they will build on their knowledge and skills taught previously, enabling them to become more confident in the Maths challenges they face. Through the embedding of life skills in Maths from Nursery to Year 6, each child will be equipped to enter a world where they can be confident in applying their learning to real life situations without fear or anxiety.</p>
H	<p style="text-align: center;">ENCOURAGES A HEALTH OF MIND AND BODY</p> <p>Positivity in personal learning and progress will be at the forefront of Mathematical learning at Linaker. Through self-confidence and understanding of the basic skills and in application to real life situations, our learners will improve their prospects and opportunities for employability and a fulfilling future and will flourish and grow as Mathematicians.</p>