



## Our approach to Mathematics

At Gayton we believe pupils should be taught to become confident and competent mathematicians. We endeavour to develop their enjoyment of maths and provide opportunities for children to build the skills and understanding necessary, before applying their learning to everyday problems and challenges.

In every lesson, we have an inclusive approach where through mathematical discussions, children are given the opportunity to develop the ability to articulate and discuss their thinking. We also incorporate the CPA approach building on children's existing knowledge by introducing abstract concepts in a concrete and tangible way. It involves moving from concrete materials, to pictorial representations, to abstract symbols and problems.

Our Maths ethos involves teaching through a mastery approach, which enables pupils to develop their mathematical fluency by being taught to solve mathematical problems with a deeper understanding of the subject. Mastering maths means pupils of all ages can acquire a deep, long-term, secure and adaptable understanding of the subject in that they can explain their thinking and reasoning and confidently teach others

