

Maths Vision

Our Maths curriculum intent is based on the key belief that *all pupils can do maths*. Research teaches us that the UK is one of few advanced nations where it is socially acceptable, even fashionable, to profess an inability to cope with maths. As a society, we view failure in maths as 'normal' and perceive those who succeed as somehow 'different'. Before a child can succeed, they need to have the confidence and belief that they can achieve in Maths. However, in order for this to happen, there needs to be a drastic shift to reverse the "can't do" attitude towards mathematics. Thus, our intent for Maths at Lanesfield, is to overturn this pervasive cultural deficit. A core principle of our Maths curriculum is to develop well-rounded mathematicians who have a resilient, growth mind-set. We will achieve this through our Maths Mastery curriculum. Through this approach, we will support pupils to develop a **secure** and **deep** understanding of fundamental mathematical concepts and procedures. Not only will our pupils develop a fluency of maths, they will also develop their problem solving and reasoning skills. Furthermore, our curriculum will encourage them explore *how* and *why* the mathematics works so they can apply their mathematical knowledge to any unfamiliar situation once they enter the real life world. With the use of 1:1 iPads, pupils will be able to independently access mathematical learning, further developing their confidence and resilience as mathematicians. By developing a culture of open exploration and investigation in Maths lessons, every Lanesfield pupil will leave our school without a fear of Maths and with a recognition and value for their mathematical ability.