



## Curriculum Intent Statement – Maths

At St Winefride's, we believe that our pupils deserve a creative and ambitious mathematics curriculum, rich in skills and knowledge, which ignites curiosity and prepares them well for everyday life and future employment. We use WhiteRose materials along with other high quality mathematical resources, creating a mathematical curriculum which means the needs of all learners. Our mathematics curriculum gives our pupils the opportunity to become fluent in the fundamentals of mathematics, through varied and frequent practice with increasingly complex problems over time, so that pupils develop conceptual understanding and the ability to recall and apply knowledge rapidly and accurately. We teach our children to reason mathematically by following a line of enquiry, exploring relationships and generalisations, and developing an argument, justification or proof using mathematical language. With confidence, we want our children to solve problems by applying their mathematics to a variety of routine and non-routine problems with increasing sophistication, including breaking down problems into a series of simpler steps and persevering in seeking solutions. Our learning environment allows children to communicate, justify, argue and prove using mathematical vocabulary. Our mathematical curriculum provides challenge to all pupils with an understanding that mistakes develop our thinking and our learning. We foster an 'I can' culture and promote a positive mathematical mindset in our pupils. Through teaching and learning in Maths, we endeavour to develop character of our pupils, including resilience, confidence and independence, so that they contribute positively to the life of the school, their local community and the wider environment.