



At Willow Bank School we provide an ambitious curriculum in a nurturing and safe environment for pupils to develop:

- Independence
- Emotional intelligence and resilience
- Appropriate communication skills
- The ability to contribute to society through good citizenship skills and preparedness for work

Intent

Our intent is for pupils to leave Willow Bank School as confident and independent mathematicians. Pupils will leave school as resilient individuals who are not afraid to make mistakes and who will use these as opportunities for learning. They will develop fluency in choosing and applying the correct mathematical processes and knowledge and will continue to develop appropriate communication skills in order to interpret problems, gather the necessary information and discuss and explain their thinking. Pupils will have access to a broad and balanced curriculum, which promotes enjoyment and enthusiasm for learning through a range of strategies. The importance of mathematics in everyday life is highlighted throughout the curriculum and pupils are given the opportunity to develop the skills and knowledge required for life beyond school.

Implementation

Mathematics will be delivered to all children with reference to the National Curriculum (2014) however this will be differentiated as required in consideration of individual starting points and to meet individual learning needs. The curriculum is progressive and builds on skills learnt in prior years. Where there are gaps in learning provision will be adapted accordingly to ensure pupils secure the necessary foundations to support new learning.

Careful sequencing of topics provides the opportunity to revisit, reinforce and apply knowledge, understanding and skills learned whilst making connections across the curriculum. Pupils will engage in sustained practice with increasingly complex problems over time and are encouraged to reason and discuss their thinking. The curriculum is designed to promote progress, challenge and achievement for all.

Pupils will have access to external accreditation at an appropriate level, for example, individual pathways are explored during KS4. Qualifications on offer include AQA Unit Awards, Entry Level Certificates, Edexcel Level 1 awards and GCSE.

Assessment and Feedback

- Most commonly immediate verbal feedback in class is used to explore and correct any misconceptions as efficiently as possible. This feedback will prompt pupils to review their work and develop their knowledge.



- Pupils are encouraged to reflect on their learning journeys throughout topics, identifying how new learning links to prior knowledge and next steps.
- In KS2 we use a mixture of pre and post end of unit quizzes, and we also use Assertive Mentoring to assess, track progress and to inform planning.
- In KS3 and KS4 regular starter and plenary quizzes, in addition to pre and post topic assessments, are used to inform future planning. In KS4 pupils sit termly mock examinations in line with qualification being studied.

Impact

- Pupils will leave Willow Bank School as more confident and resilient problem solvers.
- Pupils will leave Willow Bank School with the skills necessary to articulate their thinking.
- Pupils will leave Willow Bank School with the ability to apply mathematical skills, knowledge and understanding to their everyday life.
- Pupils will leave Willow Bank School with a qualification at the appropriate level.
- Progress will be seen within pupil workbooks and within the results of assessments taken, showing that over time, pupils know more, remember more and are accessing increasingly sophisticated topics.