

MATHS INTENT

Our approach at Salford City Academy for the curriculum is holistic, coherent and integrated. The curriculum we offer is personalised and aspirational. It is subject to an on-going and rigorous review process, using our analysis of data and the wider ambitions of teaching and learning to ensure that the curriculum is effective in meeting the needs of all students.

Mathematics curriculum aims to maximise opportunities and reflect the high expectations of all students at Salford City Academy. We also recognise the broader development of students and the importance of learning both in and outside the classroom and within and across subject areas. Structures are in place to ensure that all students can access the full curriculum offer and take-up of opportunities outside the classroom are monitored.

All staff at Salford City Academy recognise their role in ensuring the quality of the curriculum offer and understand that outstanding teaching and learning is at the heart of a world class curriculum.

We provide Aspire clubs in mathematics to ensure our children have access to a high quality maths curriculum that is both challenging and enjoyable. Provide our children with a variety of mathematical opportunities, which will enable them to make the connections in learning needed to enjoy greater depth in learning. Ensure children are confident mathematicians who are not afraid to take risks. Fully develop independent learners with inquisitive minds who have secure mathematical foundations and an interest in self-improvement.

The curriculum for mathematics intends to ensure that all pupils become fluent in the fundamentals of mathematics, including 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. Also to reason mathematically by following a line of enquiry, conjecturing relationships and generalisations, and developing an argument, justification or proof using mathematical language. The curriculum also intends 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.