

MATHEMATICS

Curriculum Intent



Blackburn Central
HIGH SCHOOL

Aspire and achieve

MATHEMATICS

We believe strongly in teaching for understanding and mastery of the mathematics and aim for our curriculum to demonstrate this. The curriculum is designed to allow students to develop fluency, mathematical reasoning and competence in solving increasingly sophisticated problems. We believe these are the key aspects of learning mathematics and embed these throughout the students' learning journey, from starting points to when they leave school.

We aim to sequence concepts and methods so that previously learnt ideas can be connected to new learning, supporting students in understanding the coherent and connected nature of the subject, and ensuring they consolidate learning by continually using and applying it in a variety of contexts. We expose students to constant retrieval practice to give them the fluency and flexibility to apply their learning in different contexts. We believe that all of mathematics can be appreciated more fully once a student has a deep appreciation of the key skills and foundations required that permeate through the curriculum.

We aim for every stage of our curriculum to build upon skills learnt previously. Once students reach the beginning of GCSE study in KS4, we aim to support them to follow the tier that is appropriate and sufficiently challenging to continue their learning journey.

Our overarching aim is for students to become fluent in the fundamental of mathematics, to reason mathematically and solve problems by applying their mathematical knowledge, and this underpins the whole of our curriculum design.