

Maths Curriculum Ambition

- ❖ We fundamentally believe that all KTC students should be equipped with the mathematical core knowledge and skills required to enable them to progress in life after school.
- ❖ We strive to develop a curiosity for mathematics through our passion for the subject and by providing access to mathematics that is both challenging and relevant to everyday life, with an emphasis on problem solving.
- ❖ We employ teaching for mastery techniques to foster factual fluency, develop mathematical thinking and enable deeper conceptual understanding of mathematics.
- ❖ Our KS3 curriculum is designed to build on existing KS2 knowledge, identify gaps and cement key knowledge building blocks to enable all students a successful transition into KS4.
- ❖ In KS4 we provide a core mathematics curriculum, both Foundation and Higher tier. For students with a high proficiency who may wish to continue with the subject at A-level and beyond we offer a Further Mathematics programme and for those who find the core subject a challenge we run a Mathematics Entry Level awards programme in parallel to the GCSE.