

Curriculum Intent Mathematics.

The Mathematics' Department has built its curriculum on several intertwining foundations.

*All students should become fluent in the fundamentals of Mathematics in order to be Mathematically confident and successful. This is secured through a cyclical scheme of work straddling Years 8 to 10 that encourages practice, recall, and improved conceptual understanding with increased depth of problem solving and rigour. This approach ensures all concepts are met at least three times and addressed through different approaches and levels of complexity, enabling students to meet unfamiliar questions with suitable strategies and more thoughtful approach.

*Year 7 is the bedrock of this curriculum so the first term devoted to securing and re-discovering numerical skills and understanding. These skills are strengthened and practiced regularly using Numeracy Ninjas over the following terms. Term 2 is focussed on recalling and introducing the basics of data and geometry. The final term is primarily designed to facilitate the move from the concrete to abstract with 10 weeks of foundation algebra.

*All students should have a fair and equal chance to progress and feel prepared by the curriculum to follow the Mathematical flight path they envisage for themselves. Where deemed necessary, additional support is available while well-prepared lessons and good teaching should reduce obstacles to progress that stem from issues with literacy and oracy.