Curriculum Intent
Maths

At Bassingbourn Village College, we seek to

- inspire students to see that mathematics is universal and fascinating
- deliver successful outcomes for all our students through a coherent, inclusive and ambitious curriculum.

We use evidence-informed teaching approaches informed by cognitive science and Professor Barak Rosenshine's 'Principles of Instruction' (2012).

The curriculum is delivered in a series of carefully sequenced small steps. Revisiting and interleaving are designed into our schemes. High quality retrieval and purposeful practice are key to making learning stick, so we have embedded frequent low-stakes testing, retrieval starters and carefully designed homework activities to ensure students are continually strengthening their recall and understanding of the curriculum content.

High levels of numeracy and mathematical skill correlate strongly with life chances and employability. To ensure our curriculum is inclusive, we continually adapt lesson resources, homework tasks and assessment materials to best meet the needs of all our learners. Curriculum materials are also designed to encourage students to reason articulately, and problem solve creatively – highly transferable and valued skills in the jobs market.

We seek to inspire students to aim high and embrace challenges. We offer a Level 2 Further Maths qualification to our highest attaining Key Stage 4 students and enter students from all years into the UKMT Maths Challenges, in which many students achieve gold, silver and bronze certificates, with some reaching prestigious Kangaroo and Olympiad rounds and, on occasion, the UKMT National Mathematics Summer School. In recent years, students have also attended trips to Bletchley Park and Legoland, taken part in Trust-wide and regional team Maths challenges and accessed assemblies and clubs run by the Maths department.