**BODMIN COLLEGE**

**TEACHER OF MATHS**

**FACULTY INFORMATION**

The Bodmin College Mathematics Department has undergone a protracted period of change in recent years.  We have completely rebuilt all our schemes of work in this time and are now starting to refine them to further improve the quality of mathematics education that we provide and to fit the new curricula.

We strive to develop our students into strategic problem solvers who are mathematics literate and fluent in mathematical procedures. We believe in setting a high level of challenge, while sequencing the curriculum so that students keep practicing topics they have learnt before. In Year 7, we place a significant emphasis on Number, knowing that this knowledge underpins most future learning. As students progress through the curriculum, we then apply this learning to ideas in algebra, geometry, and statistics.

All students continue with GCSE Maths until the end of Year 11, and we are also able to offer additional qualifications. For example, our top set can work towards the AQA Level 2 Certificate in Further Mathematics in addition to their GCSE to help prepare them for A-Level Mathematics, and we also find suitable qualifications, such as Entry-Level or Functional Skills routes, to allow our least able to access the mathematics they will need for post-16 life.

A key thrust of the department is that A level mathematicians are grown from Year 7 onwards, so we provide support and enrichment for our most able students throughout KS3 and 4. Mathematics is a popular option choice for A level at Bodmin College 6th Form. Further Mathematics has also grown in popularity. From September 2015 we have also been able to offer Core Maths, as an ‘Early Developer’ school to ensure that, along with GCSE re-sit, we have something to offer all abilities of 6th Form student.

The mathematics team at Bodmin is currently led by Matt Howlett as Head of Department, with Paula Fassenfelt as KS3 Coordinator, Rebecca Dodge as KS4 Coordinator and Emma Barraclough as KS5 Coordinator. There are another nine full and part time teachers in the department.

At Bodmin College we aim to provide the best mathematics education in Cornwall, and as a team we are dedicated to raising the aspirations and achievement of our students, with a focus on making mathematics enjoyable and purposeful.

Bodmin College has recently been invited to participate in the ‘Connect the Classroom’ scheme through the DfE.  This scheme will see a significant investment in the IT infrastructure within the college to improve Wi-Fi and connectivity throughout the college campus.

In addition, the college has also been successful in the exciting School Rebuilding Programme which will see another significant level of investment to improve the buildings on our site. We are hopeful that this award will assist us in continuing to develop the learning environment for all our students and staff.  It is a long term project which will help us to deliver our vision for excellent education in the local area.

We look forward to receiving your application for this post.

Matt Howlett, Head of Mathematics

March 2023