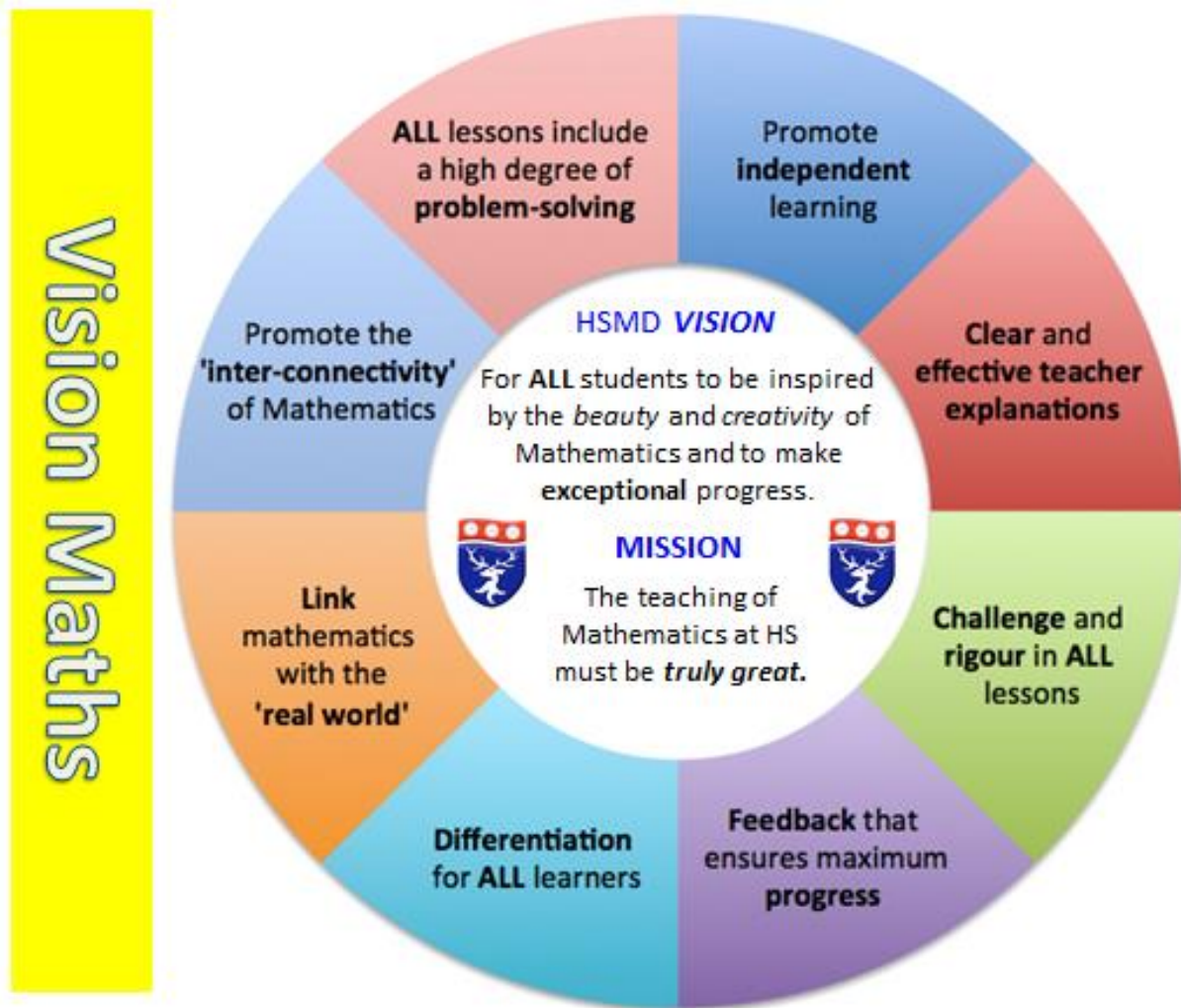# Information about the Mathematics department

The Mathematics department at Huntington consists of 13 teachers who are passionate about ensuring that students receive truly great Mathematics teaching. We are also supported in the department by a HLTA and an Administrative Assistant.

Our model for truly great Mathematics teaching can be articulated in more detail using our departmental vision:

Vision Maths

ALL lessons include a high degree of **problem-solving**

Promote **independent** learning

Promote the **'inter-connectivity'** of Mathematics

Clear and **effective teacher explanations**

HSMD *VISION*

For **ALL** students to be inspired by the *beauty* and *creativity* of Mathematics and to make **exceptional** progress.

MISSION

The teaching of Mathematics at HS must be *truly great.*

Link mathematics with the **'real world'**

Challenge and **rigour** in **ALL** lessons

Differentiation for **ALL** learners

Feedback that ensures maximum **progress**

All colleagues in the department regularly contribute to our fortnightly meetings that solely focus on improving and reflecting on our current practice. At all stages we try to ensure that Mathematics is taught in a lively and interesting way and that students enjoy the subject. As a department, we are working on activities and questions to promote challenge and deeper thinking.

We aim to teach students how to do mathematics, not hoop jump to pass examinations.

We are accommodated in 8 teaching rooms, all resourced with a projector, a visualiser, and a full range of teaching resources and practical equipment.

Key Stage 3
We have recently made significant changes to our Key Stage 3 Schemes of Learning to ensure that they align to both the new curriculum and the new GCSE course. There is a huge emphasis on challenge and problem solving. Students are generally taught in mixed attainment groups apart from students who need additional support with their mathematics.

Key Stage 4
As a department, we have focussed relentlessly on deeper learning and discussed how this will affect the style of how we teach the content.

We currently teach groups by *current attainment* and follow the Edexcel GCSE syllabus. For our more able students, we are able to offer the Level 2 Further Mathematics examination at the end of Year 11.

In 2019, 76% of our students achieved 9-4 and 61% achieved 9-5 in Mathematics and our Progress 8 figure for Mathematics was 0.23.

Key Stage 5
A Level Mathematics is a popular choice in the Sixth Form. There are currently around 50 students studying the subject in Year 12. We also offer Further Mathematics in Y12 for those students wishing to study this.

Students have followed the Edexcel A-level linear course from September 2017.

What we want
We are looking for a truly great Mathematics teacher who will lead our forward-looking team.