



Edgbarrow School  
Year 13  
**Further Maths**



## Curriculum Intent

### **A-Level Further Mathematics will enable students to develop:**

- Recall or recognition of mathematical facts, concepts and techniques, to select and apply to a variety of situations in the real world.
- Mathematical language and use notation confidently.
- Logical processes to devise and implement a solution strategy to previously unseen unstructured challenging problems.
- Interest and enthusiasm in the subject and be inspired to investigate the power of Mathematics beyond the scope of the A-level course.

### ○ **What am I studying this year and how and when will I be assessed?**

Knowledge & Skills ( <i>number of hours</i> )		Time of Year	Assessment	Homework
<b>Core Pure:</b> <b>Extension from year 1:</b> Proof (2) Complex numbers (12) Matrices (2) 3D vectors (12) Series (4)  <b>New for year 2:</b> Calculus (12) Polar coordinates (6) Hyperbolic functions (8) Differential equations (12)  MAT/TMUA questions as appropriate	<b>Minor module</b> <b>TBC at ½ term:</b>	Autumn Term	Test on extension from year 1 – half term  Test on new for year 2 - Christmas	Homework is set in further maths to give students opportunity for independent practice on key skills and current content to secure knowledge.  Students will be set weekly exam style question worksheets as well as homework from each of their lessons.
Exam practice and past papers  STEP questions as appropriate	<b>Minor module</b> <b>TBC at Christmas if needed</b>	Spring Term	Jan Mock Exam – on core pure only  Test on minor module – March	
Revision for A-level exams		Summer Term	A-level examinations mid-May	

**Year 13 Assessment Dates: w/c 30<sup>th</sup> Oct**  
Students will be advised on topics to revise

**Year 13 Assessment Dates: w/c 19<sup>th</sup> Feb**  
Your Feb mock will consist of questions for Core Pure only.  
Students will be advised on topics to revise

### **Marking Abbreviations** (More detail on guidance sheet)

1SPL Use 1 Step Per Line  
 CON Missing or incorrect connectives  
 N Notation  
 ST Missing statement  
 R Rounding

### **Students will demonstrate pride in their work by:**

- Mark work in a different colour
- All homework done on loose paper and photos uploaded to Google Classroom
- Comment in work on Google Classroom where you would like specific feedback



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