



Edgbarrow School

Year 10

Extended Maths



Curriculum Intent

Our aim is to develop the mathematical knowledge of students and increase their confidence to use their numerical skills across the curriculum and out in the real world. We aim to create resilient students who persevere and experience the excitement of solving problems.

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

Knowledge & Skills	Time of Year	Assessment	Homework
Communicating maths properly Binomial Expansion Algebraic Division Factor Theorem Proof by exhaustion and counter example Trapezium Rule Indices Harder Factorising Algebraic Fractions	Autumn Term	ARP1 (assessment on topics up to and including indices)	Homework is set in Extended Maths to give students opportunity for independent practice on key skills and current content to secure knowledge. Students will be set a weekly homework on topics recently taught in lessons.
Algebraic Proof Completing the Square Equation of a Circle Linear Programming	Spring Term	Jan/Feb 2027 Assessment (assessment on topics up to and including completing the square)	
Hidden Quadratics Solving Equations The Discriminant Geometric Proof	Summer Term	June 2027 Assessment on all year 10 content	

Year 10 Assessment Dates: Jan/Feb 2027

Parents will be sent an email with more details nearer the time. Information will also go on Google Classroom and Class Charts for students.

Year 10 Assessment Dates: June 2027

Parents will be sent an email with more details nearer the time. Information will also go on Google Classroom and Class Charts for students.

Staff will advise students on sources of revision material.

Students need to purchase a textbook. This is compulsory to be able to complete homework that has been set, and can also be used for independent revision.

Marking for Literacy

(Longer answers and written work will be marked for at least one of the below, your teachers will tell you which.)

Sp – Spelling mistake of key term
// - Needed new paragraph
C – Capital letter missing
P – Punctuation needed
Expr – expression

Students will demonstrate pride in their work by:

- Presenting information clearly and neatly to aid learning
- Using a title and date for all work including homework
- Underlining all dates and titles using a ruler
- Writing in blue or black pen
- Completing drawings and diagrams in pencil
- Glue in sheets flat and in order
- Annotating work and making corrections in coloured pens
- Crossing out mistakes neatly with a line
- Highlighting key words and concepts