



Information for Students, Parents/Carers at Bexleyheath Academy

Year 11 Mathematics | Term 4 Homework Overview

Students will complete their homework using MathsWatch. They will need to log in by visiting vle.mathswatch.co.uk and pressing 'Google Login' (students must be signed into Chrome using their school account). Otherwise, students can log in by using their username (given to them by their maths teacher) and password.

Contact your maths teacher for any issues with logging in.

[MathsWatch Student/Parent Guide](#)

Week	Class	Exploration Question(s)	Activities MathsWatch
1	SET 1	How do we identify perpendicular lines?	Perpendicular Lines (Clip: 159b; 208)
	SET 2	How do I solve quadratic equations by factorising and using the formula?	Solving Quadratics (Clip: 157; 191)
	SET 3 (HIGHER)		
	FOUNDATION	What are coordinates and how can I use them?	Coordinates (Clip: 8)
2	SET 1	How do I transform graphs?	Transforming Graphs (Clip: 196a; 196b)
	SET 2	How do I factorise quadratics equations?	Factorising Quadratics (Clip: 192)
	SET 3 (HIGHER)		
	FOUNDATION	How can I find the midpoint of a straight line?	Midpoint of a Line (Clip: 133)
3	SET 1	How do I calculate composite functions	Composite Functions (Clip: 215)
	SET 2		
	SET 3 (HIGHER)		
	FOUNDATION	How do I recognise and plot linear graphs of different forms?	Straight Line Graphs (Clip: 96)

4	SET 1	How do I evaluate inverse functions?	Inverse Functions (Clip: 214a; 214b)
	SET 2		
	SET 3 (HIGHER)	How do I evaluate inverse functions?	Inverse Function (Clip: 214a)
	FOUNDATION	How do I use graphical methods to solve equations with 2 unknowns?	Simultaneous Equations (Graphically) & Gradient (Clip: 140; 97)
5	SET 1	How do I apply circle theorems to solve problems?	Circle Theorems (Clip: 183)
	SET 2	How do I plot and identify properties of quadratic graphs?	Properties of Quadratic Graphs (Clip: 98; 160)
	SET 3 (HIGHER)		
	FOUNDATION	How can I use the gradient and y-intercept to find the equation of a straight line?	Equation of a Straight Line (Clip: 159a)
6	SET 1	How can I apply my knowledge to questions on a past exam paper?	Past Exam Paper
	SET 2		
	SET 3 (HIGHER)		
	FOUNDATION		