

Getting Started with...

MATHS

Welcome!

Information for Students

Some students find the transition from GCSE to A Level quite tough, so in order that you make the best possible start to the course we have prepared the transition materials below.

The aim of this work is to help you to consolidate Levels 7, 8 & 9 GCSE work, which is the foundation of the maths you will be studying at A-Level. It is vital that you start your A-Level course with a thorough grasp of this work as we unfortunately do not have enough time to cover it all during lessons.

The transition material reviews and consolidates the knowledge and skills you gained at GCSE, and consists of:

- Topic Notes
 - Videos
 - My Maths Tutorials
1. Please study the notes, videos and tutorials listed below in full before the start of Year 12.
 2. Complete the MyMaths homework only if you need further practice. The MyMaths login is 'cleveland' and the password is 'triangle'. Once you have logged in you do not need an individual login as you can do the homework for fun.

Algebraic Manipulation

Notes & Exercises	Video Tutorials	MyMaths Lessons	MyMaths Homework
Removing brackets Factorising Change the subject	Removing brackets Factorising HCF Factorising grouping Factorising quadratics Rearranging formula	Factorising expressions Factorising quadratics 1 Factorising quadratics 2 Changing the subject 1 Changing the subject 2 Algebraic manipulation	Core 1 Algebraic Manipulation homework

Linear Equations

Notes & Exercises	Video Tutorials	MyMaths Lessons	MyMaths Homework
Linear equations	Solving linear equations	Solving linear equations 1 Solving linear equations 2	Solving linear equations homework

Simultaneous Equations

Notes & Exercises	Video Tutorials	MyMaths Lessons	MyMaths Homework
Simultaneous equations	Simultaneous equations 1 Simultaneous equations 2	Simultaneous equations 1 Simultaneous equations 2	Simultaneous equations homework

Quadratic Equations

Notes & Exercises	Video Tutorials	MyMaths Lessons	MyMaths Homework
Quadratic equations	Solving quadratics - methods	Solving quadratics - factorising Quadratic formula Solving quadratics - completing the square	Core 1 Solving quadratics

Indices

Notes & Exercises	Video Tutorials	MyMaths Lessons	MyMaths Homework
Indices	Multiplication rule for indices Division rule for indices Negative indices Fractions raised to a negative index Indices - fractional Simplifying terms with negative powers Expressing terms in the ax^n Equations in which the power has to be found	Indices 1 Indices 2	Core 1 indices homework

Surds

Notes & Exercises	Video Tutorials	MyMaths Lessons	MyMaths Homework
Surds	Working with surds	Surds	Surds homework

Straight Line Graphs

Notes & Exercises	Video Tutorials	MyMaths Lessons	MyMaths Homework
Straight line graphs	Equation of a line	Equation of a line 1 Equation of a line 2	Equation of a straight line homework

Inequalities

Notes & Exercises	Video Tutorials	MyMaths Lessons	MyMaths Homework
Inequalities	Solving inequalities	Inequalities	Inequalities homework

Solutions to notes and exercises

Solutions to notes and exercises
Solutions

Any questions? Feel free to contact the subject leader on

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