

BRIDGING THE GAP BETWEEN GCSE AND A-LEVEL MATHS

Dates Available: Monday 29nd August to Thursday 1st September

Course 1: 0900 to 1200

Course 2: 1300 to 1600

Cost: £200

(Please note that these run as two separate courses and will have a maximum of 8 students.)

Board: Edexcel 8371

There's a big jump between GCSE to AS Level Maths. With Modules as early as January, you need to make sure you hit the ground running. This course helps you to progress smoothly onwards from GCSE Maths with plenty of practice in the key areas needed for success at A Level.

- Consolidate your knowledge of difficult GCSE topics. Broaden understanding with practice in areas that students traditionally struggle with at A Level, especially algebra
- Find out how the strategies you learnt at GCSE are extended and explored with AS level questions. See clear connections and progression from GCSE Maths topics to A Level Maths topics
- Increase your confidence.
- Improve your skills and maintain the momentum of mathematical learning.
- Get a head start in A Level Maths with practice questions and revision on tricky topics.

COURSE CONTENT

Numbers and Indices: Fractions; Surds; Indices.

Algebra: Solving Linear equations; Linear inequalities; Forming expressions; Solving quadratic equation by factorising; Completing the square; Solving a quadratic equation using the formula; Solving linear and non-linear equations simultaneously.

Coordinate geometry: Straight line graphs; The equation of the line; Mid-points and distances; Parallel and perpendicular lines; Intersection of lines; Transformation of graphs; Sketching curves; Intersection points of graphs; Three circle theorems.

Trigonometry and triangles: Trigonometry and triangles; The area of any triangle; Solving a trigonometric equation

Sequences and summations: Arithmetic sequences; Recurrence relations and sigma notation

Introducing Differentiation: Estimating the gradient of a curve; Differentiation; Applications of differentiation

Times	Monday	Tuesday	Wednesday	Thursday
0900-1200	Numbers, Indices and Algebra	Geometry	Trigonometry, Sequences and Summations	Differentiation
1300-1600	Numbers, Indices and Algebra	Geometry	Trigonometry, Sequences and Summations	Differentiation

Application Form:

Course: Bridging the Gap between GCSE Maths and A-Level

Student Details:

Student's Family Name: _____

Miss / Mr: _____

First Names: _____

Home Address:

Postcode: _____

Telephone: _____

Student's Mobile Number: _____

Date of Birth: _____

Student's School/College:

Parents/Guardian Details:

(Who must be available in event of an emergency during the course.)

Name:

Address: (If different from above)

Postcode: _____

E-mail: _____

Day Telephone: _____

Evening Telephone: _____

Conditions of Acceptance

1. Full course fees must be paid on registration. Late applications will be considered only if there are unfilled places on the course.
2. Amadou Education reserves the right to cancel any course at its discretion. Where a course is cancelled, students may obtain a full refund of fees. Fees are not refundable in any other circumstances.
3. Amadou Education reserves the right to dismiss any student whose conduct is unsatisfactory, at the discretion of the Principal, whose decision will be final.
4. Amadou Education shall not be liable for any loss or damage to the personal property of those attending the course unless caused by the negligence of Amadou its employees or agents.

Parental Approval

I accept all conditions as mentioned on above.

Signature of Parent/Guardian: _____

Dated: _____

How did you hear about the Amadou?

Please tick one of the below as appropriate

I enclose a cheque for £200 made payable to 'AMADOU' [___]

I have deposited £200 through BACS transfer [___]

BACS Transfer details are as follows

*Sort Code – 40-22-26
Account Number - 32786168*

Note – if making payment by BACS transfer you will be booked when payment is received and we will contact you to confirm receipt of payment.

Please send this completed form to:

The Administrator, Amadou, Hazelwood, Longmead, Guildford, Surrey GU1 2HN.