mathematical minds tuition

Year 11 maths booster sessions #2

Don't practise until you get it right, practise until you can't get it wrong!

A series of Year 11 maths booster sessions, giving your child the opportunity to revise topics up to and including Higher GCSE level, with the aim to consolidate their knowledge and understanding, in preparation for the new-style 9-1 GCSE maths exams, which begin in May.

The sessions will be small group sessions and each student can work through the material at their own pace. They will have access to our tutors who will be there to provide support and guidance where needed.

When?
Friday 26th January 2018, 4.30pm – 6.00pm; Algebra
Friday 2nd February 2018, 4.30pm – 6.00pm; Number
Friday 9th February 2018, 4.30pm – 6.00pm; Geometry and measures
Friday 16th February 2018, 4.30pm – 6.00pm; Probability and Statistics

£18 per session Book all 4 for £65!

Where?
Fentham Meeting Room, Fentham Hall, Marsh Lane, Hampton in Arden, Solihull B92 0AH

Book sessions for £18 each, or all 4 sessions for £65.
Have any questions? Email us at mathematicalmindstuition@gmail.com or give us a call on 07805 904 241.

*Minimum of 4 students required per session. Bookings will be confirmed by email upon receipt of booking form **and** payment. Session details will be sent by email shortly before the first session, including what your child will need to bring to the sessions. Please book by Friday 19th January 2018. Bookings may be taken after this date depending on capacity. Cancellations made between 24 and 72 hours prior to session will be subject to a 50% charge for the cancelled session. Cancellations made less than 24 hours prior to session will be subject to a 100% charge for cancelled session.*

Year 11 maths booster sessions – BOOKING FORM

Child's name:………………………………………   Predicted / target grade:………………   Current grade: …………………

Maths exam board:………………………………………   Level of exam: Foundation / Higher

Dates attending (please select):

Friday 26th January 2018	Algebra	☐Yes, attending	£18 per session	
Friday 2nd February 2018	Number	☐Yes, attending	£18 per session	Book all 4 for £65.
Friday 9th February 2018	Geometry & measures	☐Yes, attending	£18 per session	
Friday 16th February 2018	Probability & statistics	☐Yes, attending	£18 per session	

Total payable:………………………………………………………   Paying by: cash (enclosed) / cheque (enclosed)

Any special requirements for your child (dietary or otherwise): ………………………………………………………………………

Parent name:………………………………………   Contact telephone number: ………………………………………………

Contact email address: ……

Parent signature:………………………………………………   Date: ………………………………

To book, please complete and return your form, along with full payment to Hannah Smith, 25 Corbetts Close, Hampton in Arden, Solihull B92 0BU, by Friday 19th January 2018.

Example session content - higher	
Friday 26th January 2018	Friday 2nd February 2018
Algebra	Number
• Quadratic formula • Factorising harder quadratics • Algebraic fractions • Rearranging harder formulae • Trig and exponential graphs • Inverse and composite functions • Solving equations using iteration • Transforming graphs • Algebraic proof • Completing the square • Nth term of a quadratic sequence • Quadratic inequalities	• Recurring decimals to fractions • Fractional and negative indices • The product rule for counting • Surds • Upper and lower bounds • Direct and inverse proportion • Velocity-time graphs • Capture/Recapture
Friday 9th February 2018	Friday 16th February 2018
Geometry and measures	Probability and statistics
• Parallel and perpendicular lines • Similar shapes (area and volume) • Trigonometry and exact trig values • Vectors (and proof) • Enlarging with negative scale factors • Circle theorems (and proof of circle theorems) • Sine Rule and Cosine Rule • Area of any triangle • 3D Pythagoras • Perpendicular lines and the equation of a tangent	• Probability trees • Venn diagrams (including 'given that' questions) • Cumulative frequency and box plots • Histograms • Probability equations