The Further Mathematics Support Programme

Yr12/13 Problem Solving Sessions

Gosforth Academy, Newcastle upon Tyne.

09:30 to 1:00: Saturday 7th Oct, 18th Nov, 27th Jan, 17th March.

Each session will look at different areas of mathematics:

These will include:

Identities, geometry and digits, divisibility, combinatorics, factorisation, irrationals, sequences and series, indices and logarithms, polynomials, trigonometry, coordinates, vectors, curve sketching, binomials, differentiation and integration.

These sessions provide an introduction to advanced problem solving skills which will be useful preparation for STEP/AEA/MAT/TMUA and for anyone considering a degree in Mathematics or Physics.

The problems are based solely on Yr12 AS pure mathematics. Participating students are expected to solve problems, individually or as part of a group. Full solutions will be provided at the end of each session. There will also be a prize for the most elegant solution to particular problems.

These sessions are free to students in the first year of A-level (or AS) Maths at state schools and colleges.

Presenter: Dr Michael Gibson.

For more information email: philmoxon@furthermaths.org.uk