

The Changing Landscape of Post 16 Mathematics

Venue: Sheffield Institute of Education, Charles St, Sheffield, S1 2ND

Date and time: **Tuesday 24th January 2017 (1615 – 1800)**

In the March 2016 budget, the then Chancellor George Osborne announced that he has asked Sir Adrian Smith, Chair, Council for the Mathematical Sciences, to review how to improve the study of mathematics from 16 to 18, to ensure the future workforce is skilled and competitive. This included looking at the case and feasibility of all students continuing to study Mathematics to 18, in the longer term.

Prior to this announcement in 2012/13, the Nuffield Foundation, Economic and Social Research Council (ESRC) and the Higher Education Funding Council for England (HEFCE) funded a £(multi-million) program called Q-Step, aimed at promoting a step change in undergraduate social science training in quantitative methods. The demand for greater mathematical knowledge and understanding is now spreading to other careers and we are seeing changes to A level specifications, for example, the Royal Geographic Society are offering professional development courses to equip teachers with the necessary mathematics skills for the new A-level.

New mathematics qualifications have been developed to support students with these changes.

This event is aimed at raising your awareness of the local picture, from the perspective of employers through the Local Enterprise Partnership, Higher Education providers, and from the perspective of mathematics education. We also aim to give a brief overview of the full range of level 3 courses that are available to students and explain the different needs these courses are designed to address.

Agenda

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| 16:15 – 16:30 | Welcome and sign in. |
| 16:30 – 16:45 | Short talks (10-15 talks including questions)
The benefits of a highly skilled workforce to our region, the local enterprise plan (Lisa Clark from the Local Enterprise Partnership) |
| 16:45 – 17:00 | The Q-Step Programme: University courses in Social Sciences with quantitative methods (Dr Alasdair Rae, Senior Lecturer, University of Sheffield, Department of Urban Studies and Planning) |
| 17:00 – 17:15 | The value of Further Mathematics to students taking courses such as Engineering and Mathematics. (Further Maths Support Program) |
| 17:15 – 17:30 | An outline of level 3 mathematics courses and the support available from the Maths Hub. (Terry Dawson SY Maths Hub level 3 maths coordinator, Paul Bristow Core Maths Support Program CML) |
| 17:30 – 18:00 | Refreshments and an opportunity to chat informally. |

To confirm your attendance please email admin@symathshub.org.uk