

Yorkshire and Humberside Regional Newsletter

AUTUMN 2009

The National Picture

On 1 August 2009 the Further Mathematics Support Programme (FMSP) replaced the Further Mathematics Network (FMN). The FMSP continues the work of the FMN and extends it to provide professional development for teachers of Further Mathematics, promoting the benefits of studying Mathematics beyond GCSE and offering support for level 3 mathematics within diplomas. Like the FMN, the FMSP is managed by MEI and funded by the DCSF. The National Centre for Excellence in Teaching Mathematics (NCETM) is working in partnership with MEI to support the FMSP's work in teachers' professional development.

It is extremely pleasing that there continues to be an increase in the number of students studying mathematics post-16. Mathematics and Further Mathematics A levels have built upon last year's increased entry with further significant rises.

- AS level Mathematics numbers are up from 84613 to 103312, a 22% increase
- A level Mathematics numbers are up from 64593 to 72475, a 12% increase
- AS level Further Mathematics numbers are up from 8945 to 13164, a 47% increase
- A level Further Mathematics numbers are up from 9091 to 10473, a 15% increase.

Professional Development for teachers

The Further Mathematics Support Programme offers a range of professional development for mathematics teachers including:

- **Live Online courses.** An exciting way of improving your subject knowledge.
- **Teaching Further Maths.** An extended course starting in July and running for 15 months. We will be taking applications for the next cohort from February 2010.

For information about PD please check our website at www.furthermaths.org.uk/teacher_area. If you have any queries regarding the above please contact Sue de Pomerai. Your local FMSP Area Coordinator will also be arranging several PD events in your area this year.

Yorkshire and Humberside Events and Updates

There are many exciting events coming up in the region we would love you to get involved!

For Students

- 17th December 2009 -University of Leeds Decision 1 revision day. All specifications
13th March 2010 -Pop Mathematics Quiz University of Leeds. For years 7 and 8.

For Teachers

- 29th January 2010 -Further Maths for A2 Teachers CPD
4th March 2010 -FP1 professional development course.

Please book your places for these events as soon as possible as they are likely to be very popular.

For further information, please contact:

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Senior Team Mathematics Challenge

The Leeds event was held at the University of Leeds on Monday 9th November. Twenty five teams had a wonderful time and the winners were Heckmondwike Grammar School.

Here are some pictures taken during the evening:



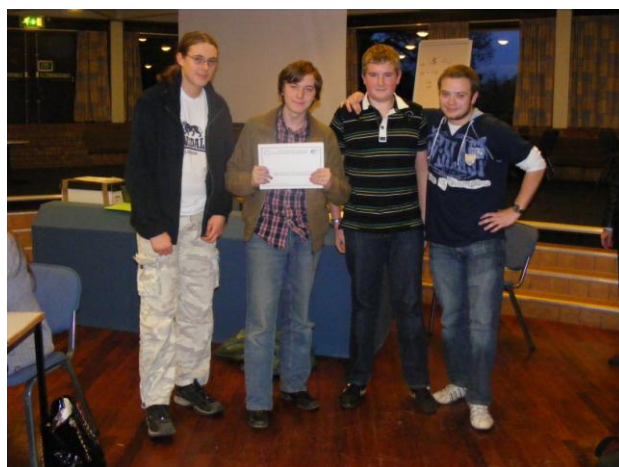
The York heat was held at Fulford School on Wednesday 11th November. Fourteen teams of enthusiastic students from across the region enjoyed the challenges set before them. The winners were Leeds Grammar school followed by St. Peters School (2nd) and Bootham School (3rd).



The Sheffield event was held at Sheffield Hallam University on Friday 6th November. Peter Smith and Mary Wimbury ran the event and the winners were Birkdale School. Runners up were Sheffield High School and Silverdale School.

Senior Team Mathematics Challenge

The Hull heat was held at The Lawns Centre, University of Hull on Friday 13th November. Just eight teams battled it out to achieve the highest score. The winners were Beverley Grammar School followed closely by Beverley High School (2nd) and Wyke Sixth Form College (3rd).



Taking Maths Further Enrichment Event

This Year 11 enrichment event took place at The Lawns Centre, University of Hull on 16th October. The workshops included; 'Join the dots: Graph Theory and Gritting', 'The Mathematics of Computer Games', 'Taking Maths from the Classroom to the Real World', 'Fun Maths' and 'Secret Codes'. Pupils were able to take part in three out of the five sessions. All pupils attended the final lecture from Colin Wright 'Maritime Maths'. Pupils also took part in a lunchtime quiz which had a prize draw for the best answers. Everyone had a great time. Look out for future events.



Step Support

We run weekly Step classes at the University of Leeds. They are on Wednesday evenings from 4.30pm to 6.30pm. Dr Lionel Elliott runs these classes and gives the students the advice and practice they need to tackle step papers with more confidence.

We will also offer a study day in July 2010 close to the 2010 examinations.

For further information please contact Jane West janewest@furthermaths.org.uk

Pop Maths Quiz

There is to be a pop maths quiz on Saturday 13th March 2010. This is suitable for teams of year 7 or 8 students. It will be followed by a public lecture (suitable for anyone 11+ years) by Peter W McOwan of Queen Mary University of London. The theme is 'Maths in your Brain'. This is part of the University of Leeds Festival of Science. For further information please contact Jane West janewest@furthermaths.org.uk