

FURTHER MATHEMATICS SUPPORT PROGRAMME WALES



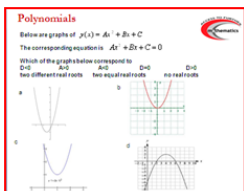
NEWSLETTER

Spring 2016

Issue 4

Advanced Algebra

FMSP had a fantastic attendance from schools in Rhondda Cynon Taf (RCT) for the Advanced Algebra workshop held in October. 11 schools attended and 65% of the students were from RCT.



The workshop was also held in Bangor University where 26 students attended and 92% said they enjoyed the workshop.



Seren Hubs

FMSP Wales has been actively involved this term with the regional Seren Hubs, for more information about the Seren Network visit <http://gov.wales/topics/educationandskills/learningproviders/seren/?lang=en>



Year 11 Conference Bangor University North Wales

Big Ideas Wales

FMSP Wales held their annual Year 11 Conference at Bangor University in September 2015. The successful event saw the highest attendance numbers to a conference in North Wales with 106 students registering, from 8 schools in North Wales, we welcomed two new schools to the conference.

The conference was held over a full day and students participated in two workshops and a talk. There were 55 girls and 51 boys. Workshops included one bilingual workshop delivered by Iestyn Pierce from Bangor University and another by Gaz Thomas from Big Ideas Wales.



Continuous Professional Development

This year sees an increase in the numbers participating in FMSP CPD courses. Two courses are running Oct 15-Mar 16, "Teaching FP1 with Confidence" in North Wales where 9 teachers are participating and "Teaching Advanced Topics" in South Wales where, a very positive, 15 teachers are attending the face-to-face sessions



Website News

New webpage for Teacher Support <http://www.furthermaths.org.uk/wales-teacher-support>

The page outlines all the current opportunities being provided for Continuous Professional Development by FMSP Wales. The page also has two new case studies of teachers who have participated in face-to-face courses. <http://www.furthermaths.org.uk/wales-teacher-support>

CASE STUDIES

Laura Makarek—Caldicot School

"The course was extremely well run and the day itself is brilliant. The tutor is really experienced and extremely knowledgeable. Absolutely recommend this course to others".



Stuart Ball—Caerleon School, "I have a much deeper knowledge of the course and feel confident to tackle many topics from several different approaches. I now have a purposeful bank of teaching resources".



Ysgol Gyfun Caerllion
Caerleon Comprehensive School
Dyfalbarhad | Perseverance

EVENTS

For more information about any of these events please visit <http://www.furthermaths.org.uk/wales> or contact the FMSP team infoFMSPWales@wimcs.ac.uk

Celebrating Women In Mathematics

One-day conference for 6th Form Mathematics students

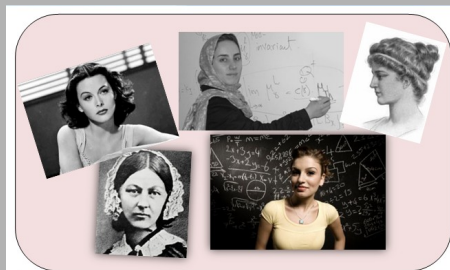
20th January 2016– Cardiff University

22nd January 2016 – Bangor University

15th March 2016—Swansea University

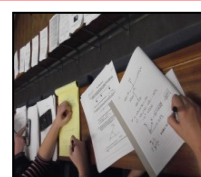
From 8.45am to 14.15pm Places will be allocated on a first-come,

first-served basis. To apply please visit http://www.furthermaths.org.uk/Wales_enrichment



Study Days

Saturdays – January – March
A-Level Maths, Further Maths and Additional Maths
being held in Bangor, Cardiff and Swansea



FP1 and FP3 Study Day	Matrices / Hyperbolics and Integration	30 January 2016
FP1 Study Day	Polynomials	06 February 2016
FP2 Study Day	Complex Numbers, Conic Sections	27 February 2016
FP1 Study Day	Differentiation	05 March 2016
M2 Study Day / Add Maths Study Day	Vector Calculus, Projectiles and Circular Motion / Algebra	12 March 2016
FP1 Study Day	Series and Induction	19 March 2016
S2 Study Day	Hypothesis Testing	4th April 2016
S3 Study Day	Populations with unbiased estimators, T Distribution	5th April 2016
M3 Study Day	First and Second order differential equations with applications	6th April 2016
FP2 Study Day / Add Maths Study Day	Integration, Graphs of Rational Function / Coordinate Geometry, Integration, Differentiation	16th April 2016

Solving Unusual Maths Problems—Year 12

Based on UKMAT, NRICH and MAT (subject-specific admissions tests for applicants to the University of Oxford's undergraduate degree)

Saturdays— 23 January, 6 February, 27 February and 12 March 2016

STEP II and III -Year 13

Saturday 23rd January

Saturday 20th February

Email: infoFMSPWales@wimcs.ac.uk

Continuous Professional Development for Teachers

Additional Mathematics Workshop— Sat 30th January—10am -2.00pm Swansea University

Big Ideas in A level Maths Sat 27 February—10am -2.00pm Bangor University

FMSP can help upskill teachers in any Further Maths modules. If you are interested in receiving CPD training or require more information please visit <http://www.furthermaths.org.uk/wales-teacher-support> and the events page http://www.furthermaths.org.uk/Wales_CPD

Year 12 Summer University

The Summer University is a free three week residential course aimed at Year 12 students studying for a Level 3 qualification in school or college in **South West Wales (Neath Port Talbot, Swansea, Pembrokeshire and Carmarthenshire)**. This year's course will run from **Monday 11th July - Friday 29th July 2016**. Further information is available at <http://www.swansea.ac.uk/reaching-wider/year1213/> and an online application form is available at https://docs.google.com/forms/d/15gdzlw8ekrmb6R5UulnCatyaRvC1V5zpK7hZUMZyucM/viewform?usp=send_form

