

## ***Secondary Newsletter: December 2015***

Welcome to this Secondary newsletter for the Norfolk & Suffolk Maths Hub. We hope you are all enjoying the end of the long Autumn Term and having loads of Christmas fun (with some Christmaths included in this)

### **Updates on Maths Hub Secondary Projects**

There are some very exciting and interesting workgroups going on in the second year of the Maths Hub and an overview is shown below

**Secondary Shanghai Exchange** – The teachers from Shanghai have finished their successful visit to Thetford Academy and we are looking in the New Year to start some Teacher Research Groups looking at the materials and approaches.

Here is a link to the resources from the visit

<https://www.dropbox.com/sh/ff2eakib9ara1bi/AACcNBWN95MK4KnAQIcH81T6a/Norfolk%20and%20Suffolk%20Hub?dl=0>

If you are interested in joining a Teacher Research Group please contact [Hayleywoodhouse@inspirationtrust.org](mailto:Hayleywoodhouse@inspirationtrust.org) for more information

**Post 16 Project** – This project is moving into its second year within the Maths Hub and is looking at ways to increase participation into advanced level courses and Core Maths.

For more information please contact [grahamcolman@inspirationtrust.org](mailto:grahamcolman@inspirationtrust.org)

**Mathematical reasoning at KS3**– This project has started this year with developing 5 secondary school mathematics departments in mathematical reasoning at Key Stage 3

The 5 schools taking part are:

- Hethersett Academy
- Newmarket Academy
- Sewell Park Academy
- Thomas Gainsborough School
- Tendring Technology College

For more information on the project please contact

[ajohns@tendringtechnologycollege.org](mailto:ajohns@tendringtechnologycollege.org)

**Developing and Embedding the bar modelling method of teaching** – This is also led by the Norfolk Maths Team and has already had 2 successful 2-day courses in the Autumn Term (1 in Norfolk and 1 in Suffolk). 2 further courses are going ahead in the Spring Term (1 in each region) and a further course in Norfolk for the Summer Term

Contact [alison.borthwick@norfolk.gov.uk](mailto:alison.borthwick@norfolk.gov.uk)

**SKE for Non specialist teachers of Mathematics** – This is run in conjunction with Thetford Academy and is looking at developing skills for teachers of non mathematical background who are presently teaching mathematics or could be in the future

For more information please contact [fisher.n@thetfordacademy.com](mailto:fisher.n@thetfordacademy.com)

**Mathematical Masterclasses for Year 8 students** – This is run in conjunction with the Royal institution and South Lee School in Bury St Edmunds. More details will be coming out in the new year.

### **Opportunities coming up**

In 2016 the Maths Hub is looking into developing materials related to the new 9-1 GCSE Specifications

If you are interested or would be willing to lead such a workgroup (with some funding available) please contact [drowley@kesgrave.suffolk.sch.uk](mailto:drowley@kesgrave.suffolk.sch.uk)

Some interesting websites to look at.....

<http://www.snappymaths.com/addsub/addsub.htm>

<https://www.ncetm.org.uk/resources/47230>

<http://www.nationalnumeracy.org.uk/>

<https://www.youcubed.org/week-of-inspirational-math/>

<http://nrich.maths.org/frontpage>

<https://sites.google.com/site/mesomaths/5-a-day>

<https://colleenyoung.wordpress.com/>

<http://www.mascil-project.eu/classroom-material/classroom-material-2>

<https://mathsproblemsolving.wordpress.com/>

<http://www.resourceaholic.com/p/new-gcse-support.html?m=1>

### **Final Message**

We hope you have a lovely restful Christmas and a peaceful New Year and look forward to working you in the New Year

Norfolk & Suffolk Maths Hub