

2020/21 Update

We hope you had a relaxing summer break and look forward to working with you this year. Many thanks to all school, teachers and pupils who have worked with us over the past 4 years. We are pleased that The OA maths project has been given additional funding to support the development of maths teaching and learning and we look forward to continuing to work with you. Please note that all CPD for this term will be online.

Individual School Support

We are able to offer individual school support., This may be in a range of ways, including through SLE support, additional whole staff specific CPD, support for maths leads, linked to subject knowledge or pedagogy or support with planning and resourcing intervention. Please get in touch if you would like support in your school for maths.

Resources

We are continuing to add resources and links to the padlet linked to the website. This now contains links to all resources created and collated over the past few years from KS2 to KS5. We hope to shortly add details of KS1 and Early years. This includes resources from intervention days and for transition between GCSE and A level. Many of these resources including the booklets with solutions could be of use in a lockdown scenario.

Stoke MEP
Padlet
[Click here](#)



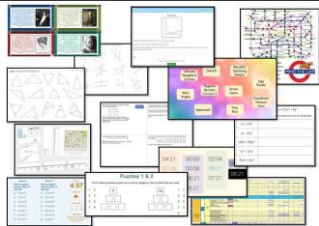
Craig Barton Online CPD

To register for a session, please click [here](#).

There is a choice of session.

- Atomisation - available soon
- Making the most of worked examples
- Intelligent Practice
- The four ingredients of problem solving
- The four ingredients of retrieval
- Formative Assessment and Diagnostic Questions
- Focusing thinking

For further information, please see the website = www.craigbarton.podia.com



Resourceaholic

Jo Morgan (@mathsjem)'s regular blog is a fantastic collation of resources and ideas –why not subscribe to keep informed - www.resourceaholic.com

I see Maths – Gareth Metcalfe CPD –Primary and EYFS

NCETM-accredited training events, led by Gareth Metcalfe, give teachers the knowledge, skills and resources to deepen and personalise the mathematics curriculum. Training focuses on showing concepts visually, breaking learning down into small, purposefully sequenced steps and providing children with extended, challenging learning experiences



Embedding reasoning (KS1 and KS2)- Nov 24th - register [here](#)
Learning to Problem solve (KS1 and KS2) -December 3rd – register [here](#)
Early number sense (reception and KS1)- January 14th - register [here](#)

www.iseemaths.com

Continuing Professional
Development
Standard

National Centre
for Excellence in the
Teaching of Mathematics

Manipulatives CPD

Following on from the two mathsbot showcases in July, we are just finalising details of further sessions on using specific manipulatives. More details to follow.

All Links to register for CPD and events can also be accessed via the Stoke MEP calendar on the website – www.stokemaths.co.uk



White Rose Online Modules- Primary Focus

Bar Modelling
CPA
Thinking through Variation

Please contact us if you are interested in any of these online self paced courses. Several schools now have all teachers and teaching assistants engaging to support a whole school approach.

Online Training



White Rose Wednesday Webinars for Stoke teachers – All including EYFS

16th September 3.30pm – Four Operations using CPA approached – register [here](#) - **NEW**

23rd September, 3:30pm - Exploring EYFS Developing Early Number - register [here](#)

30th September 3.30pm – teaching Fractions with understanding UKS2/KS3 – register [here](#) - **NEW**

7th October, 3:30pm - Exploring EYFS Foundations for the Four Operations - register [here](#)

14th October, 3:30pm - Teaching Fractions with Understanding KS1 and LKS2 - register [here](#)

21st October, 3:30pm - Primary Reasoning and Problem Solving -register [here](#)

Please register via the links in blue - Contact for further details – cbedford@stjosephsmail.com



CPD with Alison Hopper – MEI's primary maths specialist – Primary Focus

New DFE Primary Maths Guidance Overview session and Q and A with Alison Hopper
Tuesday 6th October 2020 3.45pm
[DFE guidance sessions](#)

Lesson Design CPD
Session 1 - 19th November time 3.45pm
Click [here](#) to register
Session 2 – 14th January time 3.45pm –
Click [here](#) to register



Alison will also be running some sessions to support maths leads with delivering PD to their school staff using the NCETM spine materials in the Spring Term as well as supporting individual schools and maths leads.

Network meetings

SASCAL Maths Leads Network

There will be two meetings this term for leaders to share their thoughts and practice.

17th September – [SASCAL Heads of maths meeting 4pm](#)

26th November – [SASCAL Heads of maths meeting 4pm](#)

Primary Maths Leads Network

There will be two meetings this term for leaders to share their thoughts and practice. These meetings are free of charge

Tuesday 29th September – 3.45pm – register [here](#)

Friday 20th November 2:00pm-3:00pm - register [here](#)

KS2-3 Maths Network

The year 6 challenge sessions and timetables competitions proved very popular last year and feedback was very positive. The resources for 4 year 6 challenge sessions and 1 year 5 session are all prepared.

We will hold a virtual meeting on Thursday 15th October to discuss plans and share ideas re transition and progression in maths KS2-3 – Please click here to register to attend – [KS2/3 Transition meeting](#)

NQT/RQT Network – All Phases

Natalie Godwin, one of the maths SLEs working with the MEP is running a network for early career teachers. There will be regular meetings held remotely as well as bespoke CPD for maths teachers throughout the year.

The first network meeting was held in July and a what's app group was also created so that opportunities of potential interest can also be signposted. Please get in touch if there is a teacher in your school who would like to get involved. There is no charge for this and the offer is for NQTs and early career teachers of maths in secondary schools or ones with a particular specialism or interest in maths in primary schools. Please contact us to join the group



Virtual MathsMeets will continue this term The first session will be on 8th October at 4pm - register [here](#)

Themes

blended learning Catch up resources and plans
Marking and feedback ideas ideas about Geometry

A Level CPD

Edexcel/Pearson have uploaded several recorded CPD sessions to YouTube for A level topics.

[Modelling with Logarithms](#) – Pietro Tozzi
[Correlation and Regression](#) – Mark Heslop
[Modelling in Mechanics](#) – Pietro Tozzi
[Introducing Binomial probabilities and Hypothesis testing](#) - Mark Heslop
[Projectiles](#) – Pietro Tozzi
[Online Resources](#) – Pietro Tozzi
[Correlation and Regression](#) – Mark Heslop
[The Normal Distribution and Hypothesis Testing](#) – Mark Heslop
[Teaching Proof](#) – Pietro Tozzi

Google Drive of PowerPoints and Resources can be accessed [here](#).

edexcel



AMSP & MathsHub – Post 16

Developing A Level Pedagogy Work Groups



Register [here](#)

Supporting Post-16 GCSE Resit Work Groups



Register [here](#)

Keele Teacher Networks will also take place this term with further details being circulated at a later date.

Pupil and Student Activity

We are liaising with Maths leads, SLEs and Heads of Maths to offer a range of resources and activities to support catch up plans, tutoring and intervention, revision and a potential lockdown scenario for children in primary and secondary schools and colleges. Further details will be emailed out once plans are finalised. These are likely to include a range of activities, some recorded, some live and also specific resources to support learning. There will be particular consideration made for different methods of learning and not all will require computer access. Please contact us with any thoughts and ideas which would benefit children across the city.

KS2

Fractions Recap Activity
For year 6 students to complete in the first two weeks after half term in their own schools

Year 4 Timestables City Cluster heats

Timetables Fun Consolidation work on Timestables for year 5

Christmas themed problem-solving maths activities for years 5 and 6

Further details to follow

Holiday Maths Activities

Stoke MEP has been working with the Hubb to provide maths activities to keep maths key skills alive & active during school holidays. 4 themed packs for children in years 5-7 are now prepared and are being used by the Hubb in their sessions and distributed to homes.

hubb
FOUNDATION



KS2-KS3

Last year, most secondary schools held maths specific events for primary pupils in their feeder primary schools. These were well-received and the feedback was overwhelmingly positive. Year 7 and 8 intervention days also proved very successful and had an impact on learning. Watch this space for how these events will be run this year.

Year 6 Challenge Sessions

All resources for 4 Year 6 and 1 year 5 challenge session for the most able are already prepared and we are looking at ways of enabling these to take place this year given the current restrictions. Any ideas, please get in touch.

Year 7 Intervention

Recorded videos and additional practice materials are now complete and available for schools to use. These can be accessed [here](#).

Measures Unit of Work

Recorded videos solutions are available to support pupils and parents in this area are now complete and available for schools to use. These can be accessed [here](#).

Year 8/9 Intervention

Intervention focusing on consolidation of previous learning to support catch up is being planned.

Stoke MEP Contacts

Ceri Bedford – cbedford@stjosephsmail.com

Simon Bullock – sbullock@stjosephsmail.com

KS4

In order to support students in year 11, a series of online revision and key skills sessions are being planned. These will be available to targeted groups of students and involve recorded or live sessions which students can participate in from school or home. All sessions are also available for GCSE resit students.

Sessions being planned are:-

Focus 4 – Foundation aiming at 4

High 5 – Foundation aiming at 5

Super 6 – Higher aiming at 5/6

Cloud 9 – Higher – aiming at 7

Grade 9 Twilights

These sessions will be run live this year with students in their own schools with a teacher supporting.

Dates:

Tuesday 22nd September Live 4-5

Tuesday 20th October Live 4-5

Tuesday 1st December Live 4-5

Tuesday 19th Jan Live 4-5

Tuesday 23rd February Live 4-5

Tuesday 23rd March Live 4-5

Please complete this form to register your school

[Grade 9 Form](#)

Funding is available to run a series of sessions which can be held in individual schools with either live delivery via a remote platform or recorded sessions supported by teachers in school. This will ensure that those without internet connection at home will be able to participate. There is funding available for teachers to support students at these sessions and for NQTs to attend in order to share and experience best practice. Booklets to accompany sessions will also be made available and all resources shared. It is envisaged that sessions in the Autumn term will focus on skills catch up and in the Spring and Early Summer term on revision. Further details will be circulated to schools in September.

GCSE to A Level Transition

To support students with the transition from GCSE to A level Maths, there are a series of resources available. These may also be useful for high ability year 11 leading up to GCSE as they are a consolidation of GCSE content.

Transition Booklet

GCSE to A level transition booklets based on the Edexcel transition resources have been given to A level providers who requested them across the City.

Year 12 Bridging Skills Videos and workbooks

A series of 4 recorded sessions with accompanying workbooks to support students in developing 4 skills essential for A level maths study

Algebraic fractions,

Indices,

Quadratics

Rearranging formulae and simultaneous equations.

**Stoke MEP Recorded
Sessions Padlet**

[Click here](#)

These are all available to download from the Stoke MEP recorded sessions padlet

MathsHub



COVID-19 RECOVERY

The link below accesses the guidance developed by the NCETM with the DfE, identifying core curriculum content to assist teachers with their planning and prioritisation of core curriculum. The following document will be of significant help to schools planning their maths curriculum following the coronavirus (COVID-19) outbreak.

<https://www.gov.uk/government/publications/teaching-mathematics-in-primary-schools>

The guidance:

- identifies the 'Ready to Progress' criteria that pupils need to secure before moving onto new year group curriculum content.
- demonstrates how pupils can build their understanding of these concepts from year 1 to year 6

The guidance is accompanied by [short videos](#) for each year group that introduce and summarise this guidance. Further support for your staff is available through North Mids Maths Hub.

New DfE Primary Maths Guidance Overview session and Q and A with Alison Hopper

Tuesday 6th October 2020 3.45pm

[DFE guidance sessions](#)

You can enrol for one of the MathsHub programmes if you have not already done so:

- [Mastery readiness](#)
- [Teaching for mastery development](#)
- Teaching for mastery embedding - (mastery development schools 2019/20)
- [Teaching for mastery sustaining](#)

Teaching for mastery programmes will incorporate aspects of the guidance and all CPD will be delivered online until government guidance changes.

For schools who are already on their Teaching for Mastery journey with our Hub, please continue to teach in your blocks, but look at the pre-requisites of core curriculum that children need to secure from their previous year before moving onto the new year group content within each block

Other updates



Home Learning

White Rose Maths are continuing to support home learning.

Daily 'home learning' lessons for Years 1-9 are being produced and are available to access [here](#). Every lesson comes with a short video showing clearly and simply how to help children complete the activity successfully.



New features

Lots of updates, including key skills area development and links to White Rose schemes



Book online
[here](#) – cost
£5