

## BOOLEAN MATHS HUB BULLETIN

Welcome to the latest edition of the Boolean Maths Hub Bulletin.....

We hope that this term has gone well, in what has been a different start to this academic year. With the ongoing impact of the coronavirus, and knock-on effects on school life, all Maths Hub work will be adapted to our changing realities. As such, to support schools in settling and adapting to new routines, our professional development opportunities this year will generally start in Term 2 of 6. We are looking forward to continuing working with you as we face the challenge of what will be another unusual year in education.

**For further information on how to get more involved contact Linda Corbidge, our Hub Administrator to find out what's going on in your area at [BooleanMathsHub@clf.cabot.ac.uk](mailto:BooleanMathsHub@clf.cabot.ac.uk)**

### Available now: Maths Hubs projects for 2020/21

Be a part of these fabulous professional development opportunities available in all educational phases

**Is this for you and your school?**

**Our Work Groups are fully funded by the Maths Hubs Programme so are free to participating schools**



**Complete your Expression of Interest form**

**Here**



See our website [www.booleanmathshub.org.uk](http://www.booleanmathshub.org.uk) for further details on each of the Work Groups.

### Covid-19 Recovery

Our Work Groups this year will involve more live online collaboration. In addition, Work Group content will address student and schools recovery due to coronavirus-related disruption in addition to previous work group objectives.

**SECONDARY**

### Mathematical Thinking for GCSE

**This Work Group will focus on ways to improve GCSE students' mathematical thinking, including reasoning &**

For teachers of KS3/4 who want to further develop their pedagogical and theoretical understanding of developing mathematical thinking, and practical classroom strategies to explore these ideas.

**SECONDARY**

**&**

**PRIMARY**

**\*\*\*NEW FOR THIS YEAR\*\*\***

### Teaching for Mastery: Sustaining 2020+

**Opportunities to attend a vast range of FREE online PD sessions and have FREE membership to a professional online learning community.**

Eligible Primary and Secondary schools (those who have previously worked with a mastery specialist) will be contacted by our team.

**The first Primary Launch Event will be an online twilight session on 10th November, 4-5pm.**

### Year 5—8 Continuity

**SECONDARY**

**PRIMARY**

**A project to strengthen the transition between primary and secondary school**

This Work Group focuses on curriculum and pedagogical continuity over Years 5 to 8. Ideally teachers from two (or more) secondary schools and some of their associated primary schools will work together.

### Developing A Level Pedagogy

**A project to develop national support for the effective development of pedagogy in the teaching of A level Mathematics: Bristol & Bath cohorts**

These Work Groups will focus on developing participants as leaders of A level teaching professional development in their own school or college. This project involves a direct working partnership between the Maths Hubs Network and the Advanced Mathematics Support Programme (AMSP).

**POST-16**

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PRIMARY

EARLY YEARS

## Building Firm Foundations In Reception

**A Work Group for schools who are currently developing a teaching for mastery approach in KS1 and KS2.**

Early Years practitioners and senior leaders will develop their understanding of how Early Years best practice feeds into a teaching for mastery approach, and build firm foundations for all children so that they are ready to progress into Year 1.



**NCETM**  
NATIONAL CENTRE FOR EXCELLENCE  
IN THE TEACHING OF MATHEMATICS

Working with

## Local Leaders of Mathematics Education (LLME)



We are looking forward to working with our fantastic LLME to support schools across our region by delivering the Boolean Maths Hub projects for 2020/21.

## Specialist Knowledge for Teaching Mathematics Programmes

Develop mathematical subject knowledge and understand the pedagogy that underpins the teaching of it.

New this year!

Early Years

EARLY YEARS

**For individuals who would like to develop their specialist knowledge for teaching maths to three to five years olds.**

This may be particularly relevant for NQTs, RQTs and teachers that have moved phases, or teachers that have not received maths-specific training.

If your school is currently more focused on preparing for teaching for mastery, you may want to consider engaging with the Building Firm Mathematical Foundations in Reception Work Group.

Teaching Assistants

PRIMARY

SECONDARY

**Designed to support Teaching Assistants in developing specialist knowledge for supporting the teaching of mathematics, thus enabling them to understand, teach and support pupils in maths in the classroom.**

This may be particularly relevant for new TAs, TAs that have not received maths-specific training or TAs in secondary supporting students in KS3 who did not meet the Year 6 age related expectations.

Teachers

PRIMARY

**These programmes are designed for teachers who would like to further develop their specialist knowledge for teaching mathematics.**

### Primary Subject Knowledge and Mastery Pedagogy

For practising teachers & maths leads, who are regularly teaching maths to primary aged children in a whole class setting.

### Mathematical Confidence and Growth Mindset

Particularly relevant for NQTs/RQTs, teachers that have moved phases or teachers that have not received maths-specific training.



You can unsubscribe or change your preferences any time by emailing [BooleanMathsHub@clf.cabot.ac.uk](mailto:BooleanMathsHub@clf.cabot.ac.uk)

## Engaging with the Ready to Progress Criteria Guidance

PRIMARY

The DfE & NCETM published guidance for mathematics: key stages 1 & 2, before the summer break. Co-author Clare Christie & the hub leadership team will take you through key strands of the guidance, for you to consider and explore in your own school.

PRIMARY

## Recovery Times Tables Intervention

Covid-19 has meant that many Year 5 children have not been able to secure a solid understanding of all times tables. Similarly, Year 4 children have also lost time in school. Join us to implement times tables peer mentoring with the aim of closing the gaps for your students.

SECONDARY

PRIMARY

## SEND & Mathematics

**For teachers of mathematics in special schools, alternative provisions, pupil referral units & mainstream schools with SEND units**

This popular work group returns!

Bringing special (and mainstream) schools together with a particular focus on implementing representations and structures to improve the mathematical attainment and progress of students with SEND, (SEMH & ASD, in particular).

POST-16

## Supporting Core Maths

**A project to develop improved teaching approaches in Core Maths**

This Work Group will give teachers opportunities – through collaboration and experimentation – to develop improved teaching approaches that support the open-ended problem-solving skills Core Maths students need.

This project involves a direct working partnership between the Maths Hubs Network and the Advanced Mathematics Support Programme (AMSP).



Advanced Mathematics  
Support Programme