



Happy new academic year!

We hope the summer break has left you all feeling refreshed and ready for the year ahead. We're really excited by the opportunities we've got coming up and also working with as many schools as possible this year. Take a look at the Work Groups we have on offer in this newsletter!

As ever we would really love to hear your feedback if you have already taken part in our Work Groups and would like to share your school's experiences in our newsletter. Were there any surprises? What was the most positive outcome?

Read on to find out about recruitment for our Mastery Readiness programme and learn a little more about the team that brings you the West Yorkshire Maths Hub! I hope you enjoy the read and look forward to hearing from you.

Mark Duxbury
Maths Hub Lead

Maths Puzzle:

Six-sided dice have their spots arranged so that opposite faces add up to 7. If ten dice are arranged in a vertical tower on a solid table, what is the maximum number of spots that could be visible from one position?



URGENT!
We're recruiting for
our Mastery Readiness
programme.
Apply by 10th October.
See page 4
for details.



What's coming up...

10 October 2019

Mastery Readiness Launch

9 November 2019

Shanghai Exchange (Shanghai leg)

25-28 November 2019

Open Classrooms

20 January 2020

West Yorkshire Maths Hub conference

29 February - 16 March 2020

Shanghai Exchange (UK leg)

Network Meetings

6 November: Bradford KS5 Network Meeting with Pietro Tozzi

7 November: Leeds KS5 Network Meeting with Pietro Tozzi

10 December: Bradford KS5 Network Meeting with David McEwan (AQA)

12 December: Leeds KS5 Network Meeting with David McEwan (AQA)

Training

11 December: Statistics at AS/A Level (Bradford)

22 January: A level Mechanics Professional PD day (Bradford)

[To book onto any of the Network meetings or Training sessions click here ►](#)

Meet The Team:



Mark Duxbury - Maths Hub Lead

I am a secondary maths teacher who teaches at Trinity Academy Halifax. Trinity Academy is the lead school for West Yorkshire Maths Hub, and I'm proud to have worked there since 2011. While at Trinity Academy I have had many roles including maths curriculum lead and Director of Maths.

Prior to joining Trinity Academy, I taught maths for ten years at a secondary school in Barnsley. In January I was appointed hub lead and have loved every minute of the role. It is exciting to see what the future

holds for supporting the development of maths teaching and learning across our region. I am a passionate mathematician that wants all students to have the opportunities I had growing up to enjoy and feel successful with maths.

Away from maths education I am a season ticket holder at Manchester United but please don't hold that against me. When not at the game my patient wife and I enjoy seeking out new and old adventures. I also enjoy adding to my vinyl collection and then of course listening to the records!



Kate Henshall - Assistant Maths Hub Lead

I have always loved Maths but it was not until I started teaching that I actually realised for a lot of my education I had relied on memory and procedures, therefore having some superficial understanding of maths.

My first experience of teaching for mastery and conceptual understanding began when I worked with Great North Maths Hub initially becoming a PD Accredited Lead and then training to become a Mastery Specialist. I enjoyed my role so much and wanted to do it full time. I loved working with other schools and seeing the impact Teaching for Mastery

was having. Hearing how others were implementing it and seeing how it worked in a variety of settings was amazing – and a pleasure to be involved in. Luckily my dream to do it full time came true when I moved back home to West Yorkshire just over two years ago and started working for West Yorkshire Maths Hub and Trinity MAT. When I am not at work and being passionate about maths, I enjoy going to the gym (although not when I am actually there), spending time with my family and friends, and most of all just being back home in Yorkshire – you can't beat Yorkshire Tea and Yorkshire puddings!



Stephanie Kirk - Assistant Maths Hub Lead

I have worked for Trinity MAT and the Maths Hub for three years now and love every single minute of it. Over these last three years, I have been lucky enough to work lots of amazing teachers and students and as a result learned so much about maths education. I recently joined our cohort 5 specialists on their Teaching for Mastery residential which was one of the best CPD experiences I have ever had.

I started my career as a Secondary Teacher in Barnsley and currently I am teaching maths to 11 to 16 year old students at Cathedral Academy in Wakefield, which has just received the award for TES Secondary

School of the Year 2019. I am passionate about improving maths outcomes at all levels and over the last couple of years I have focused on the transition children make from Primary to Secondary school, ensuring and building continuity in the curriculum for those children.

Growing up I spent the majority of my time at an after school club, whether that be dancing, swimming, horse riding or netball club. Basketball however, was my ultimate sport which I played for 20 years for Sheffield Hatters and then University. The thing I like to do the most now is travel whenever I can. I would love to see what maths education looks like in other countries.



Rebecca Holland - Early Years Lead

My name is Rebecca Holland. I work for the Footprints Federation of Schools which comprises of Ingrow, Long Lee and Glenaire Primary. I have been a Mastery Specialist Teacher for 5 years now, working with many schools across Bradford. During 2016 I was fortunate to take part in the England/China Exchange to develop my own knowledge around Teaching for Mastery. I have spent the last two years leading the development of West Yorkshire Maths Hub's Early Years Work Group.

I'm really passionate about children getting the best start to their maths education and ensuring that they always access quality teaching right from the start of their school career.

Growing up I trained to dance in ballet, tap and modern. Had I not gone into teaching, this is something I would love to have pursued as a career. If Strictly Come Dancing ever got in touch, I would definitely accept!

Meet The Team: (continued)



Tim Chadwick - Level 3 Lead

I've been teaching A Level maths for 15 years and have just become the Level 3 Lead for the West Yorkshire Maths Hub. This is a great chance to work with some of the best teachers in the region, all with the aim of improving ourselves for the benefit of our students. Favourite mathematician? Robert McNeill Alexander for his contribution to dinosaur research, and his links to Leeds.



Ellen Fox - Secondary Mastery Specialist Lead

I have worked for over 30 years in Bradford teaching maths! After deciding to take a new direction, I soon became involved in teaching again - this time as TFM Lead. This is a really exciting and interesting role, working with the Secondary Specialists on their mastery journey, visiting them at their school and providing support bespoke to them. After full time work I now split my time working with the hub, enjoying family time and following some of my favourite interests including walking, travel and trying out new crafts.



Natasha McLoughlin - Project Manager

I provide administrative support for the whole team and track our activities and impact, I have worked for the Maths Hub for the last 3 years.

In my spare time I like renovating my home which is a 45 foot narrow boat, which I share with my husband and cat, who is completely spoilt.



James Proctor - Assistant Maths Hub Lead (Bradford)

I am employed by the West Yorkshire Maths Hub for one day a week as Assistant Maths Hub Lead responsible for recruiting Bradford schools to our programmes, ensuring as many Bradford teachers as possible benefit from the Teaching for Mastery approach. I also support the Mastery Readiness programme as a Maths Specialist for several school participants.

I began my teaching career in Leeds before becoming a deputy headteacher, headteacher and school improvement partner in Calderdale. I was also a headteacher in Bradford before joining the West Yorkshire Maths Hub last year. As well as Maths Hub work, I am currently Acting Principal at St Chad's CE Primary Academy in Brighouse. Implementing the Teaching for Mastery approach in my school in the early days of the Maths Hub inspired me to see the transformative difference the right teaching can make to all children's confidence and understanding in maths - #everyoneCAN!



Richard Wayman - Assistant Maths Hub Lead (Leeds)

I currently work as Assistant Headteacher for St Mary's Menston having previously worked across schools in Kirklees and Leeds, and as Numeracy coordinator for Brigshaw Cooperative Trust. I work at West Yorkshire Maths Hub for one day a week as Assistant Maths Hub Lead (Leeds) overseeing Hub activities in the area. I am passionate about children having an enjoyable and fulfilling experience of mathematics at KS3 and beyond, and equally passionate about the need to provide the very best training and development for our current and prospective teachers.

Outside of school I enjoy everything to do with theatre, and can often be seen in the orchestra pit of local shows.



Tony Stanoff - Senior Maths Hub Lead

I am the senior lead for WYMH. Prior to this I was the lead at White Rose Maths, I am a secondary trained maths teacher originally but have gained experience working in primary schools. One of the proudest moments of my career was when I became an Advanced Skills Teacher. I have always passionately believed that every child can succeed in maths. Frequently I am asked to present to teachers and leaders on how to improve outcomes in mathematics. I am also a big fan of musical theatre and have seen over 200 shows. My favourite show of all time is Legally Blonde!

We are Recruiting

Don't miss out on the opportunity to apply to be part of our Mastery Readiness programme - launching on 10 October 2019!

We are now accepting applications from schools to be part of the 2019/20 Mastery Readiness Work Groups and the Early Years Work Groups. But what does this involve we hear you ask...

Mastery Readiness:

Each Work Group will be led by one of the Maths Hub's Mastery Readiness Leads and involve up to eight primary schools. During the year, they will work closely together to develop subject and pedagogical knowledge as well as supporting teaching, learning and leadership of mathematics across the school by looking at the Five Big Ideas of Mastery Readiness to lay the foundations to developing teaching for mastery in an effective and sustainable manner.

Who can apply:

Mastery Readiness is designed for schools who are not yet in a position to develop teaching for mastery but want to in the future.

Early Years:

Many schools are adopting a teaching for mastery approach in mathematics. The starting point for a school is usually Year 1 and then thought is given as to how the approach is built across KS1 and KS2. Schools naturally want to consider the teaching of mathematics in Reception and how the transition to Year 1 can best support children's learning.

The Work Groups in this project will start by exploring best practice in Early Years and how the principles might build a secure foundation in mathematics for transition into a teaching for mastery approach in Year 1. It will consider the curriculum - what children need to know and understand; approaches to planning and the inclusion of all children; and appropriate resources and contexts for effective learning.

Who can apply:

This project is aimed at schools who are already committed to teaching for mastery and have previously engaged in a Maths Hub Teaching for Mastery Work Group. A pair of teachers should attend from each school: a Reception teacher and the teacher leading on teaching for mastery within the school. One of the sessions will be aimed at senior leaders within the school, and the headteacher or deputy head should attend this session.

If you would like to express an interest in applying for a place on either of the above work groups please either email WYmathshub@trinitytsa.co.uk or visit our website <https://wymathshub.co.uk/>

Please visit our website for further details on these programmes:

- GCSE Challenging Topics
- A Level Pedagogy
- Core Maths Workgroup
- Secondary Mastery Readiness
- SK TM Primary
- SK TM Primary TA



Here are just a few training and seminar events from Trinity Teaching School Alliance...

Secondary CPLD - come and see the impact of our research, experience and practice in action

Day 1: Outstanding curriculum and outstanding use of data, **15th November 9:30am – 3:30pm**

Day 2: Outstanding pastoral care and outstanding teaching, **6th December, 9:30am – 3:30pm**

Day 3: Outstanding transition and KS3 provision, and transferring all systems to another setting, **10th January 2020, 9:30am – 3:30pm**

Primary CPLD – choose one or all four sessions as a package! Implementing your curriculum within the new Ofsted Framework

Part 1: Deep diving subjects, **7th October 9am – 12pm**

Part 2: The role of the subject leader, **5th December 9am – 3.30pm**

Part 3: Subject specific support session, **9th January** (half day AM or PM)

Part 4: Evidencing impact against intent/implementation, **26th March 9am – 12pm**

Unmissable **FREE** seminar with David Didau – **16th October, 9.30am – 11am**
Suitable for both Primary and Secondary teachers

View all TTSA courses and events

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