

# A Celebration of Maths

*Free inaugural conference from the White Rose Maths Hub*

## **Saturday 7 February 2015 The Headingley Stadium, Leeds**

We would like to invite all primary teachers and secondary Maths practitioners, leads and local authorities to our one day event designed to inspire your passion and practice in Maths. Join us for a day of high-profile speakers and workshops that will help you to develop your knowledge and skills to help ensure Maths competence in all children and young people.

**You can also join us for an evening of celebration with the Big Pub Quiz – hosted by Mark ‘The Beast’ Labbett as seen on ‘The Chase’.**

## **Speakers and topics include:**

- Keynote address from Nick Gibb, Minister of State for School Reform (invited).
- Hosting and interview with Rachel Riley from ‘Countdown’.
- Mainstage speech from Dallas Campbell ‘The Gadget Show’ and ‘Bang Goes the Theory’.
- Sessions on ensuring effective teaching of primary Maths.
- Workshops with World Memory Champion David Thomas, sessions on Bar Modelling, using iPads in the classroom, plus many more.
- Take a look inside this brochure for further information and details of how to book!

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Please join us at this one day event – we guarantee it will not only be enjoyable, but will also provide you with many new practical ideas for your classroom

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### Choose your options... visit a mainstage or a workshop...

10:30am	Welcome - Tony Staneff, Vice Principal Trinity Academy				
10:35am	Keynote address: Nick Gibb, Secretary of State for School Reform (invited)				
<b>Block 1</b>	<b>Option A</b>	<b>Option B</b>	<b>Option C</b>	<b>Option D</b>	<b>Option E</b>
11:00am – 12:00	Making Maths Magical: Dallas Campbell	Teaching effective revision	Better Maths	Five to Drive	Using iPads in the classroom
<b>Block 2</b>	<b>Option A (1)</b>	<b>Option B</b>	<b>Option C</b>	<b>Option D</b>	<b>Option E</b>
12:00 – 12:30pm	Is life a series of Num8er My8teries? Professor Marcus de Sautoy (invited)	Bar modelling	Effective memory techniques	Deeper learning	Using iPads in the classroom
	<b>Option A (2)</b>				
12:00 – 1:00pm	Everyone can be a Mathematician with mastery: David Thomas				
Lunch 1:00 – 2:00pm	Lunchtime entertainment provided by comedienne Helen Arney				
<b>Block 3</b>	<b>Option A (1)</b>	<b>Option B</b>	<b>Option C</b>	<b>Option D</b>	<b>Option E</b>
2:00 – 2:30pm	The best Maths job in the world? Opening interview with Rachel Riley	Teaching effective revision	Better Maths	Five to Drive	Speed learning
	<b>Option A (2)</b>				
2:30 – 3:00pm	Getting it right in the primary years Mike Askew				
3:00pm afternoon break					
<b>Block 4</b>	<b>Option A</b>	<b>Option B</b>	<b>Option C</b>	<b>Option D</b>	<b>Option E</b>
3:00 – 4:30pm	Teach like a champion: Doug Lemov (invited)	Bar Modelling	Effective memory techniques	Deeper learning	Speed learning

## Welcome

The White Rose Maths Hub is one of 32 Maths Hubs tasked by the Government to help raise standards in the classroom. The lead school in the hub is Trinity Academy Halifax, an outstanding academy based in Halifax, West Yorkshire.

We are delighted to invite you to our inaugural conference on Saturday 7 February 2015, which is completely free to you thanks to the kind support of our sponsors.

The event is packed with high-profile speakers bringing you the latest in developments from the world of Maths, plus hints and tips to help you raise standards in the classroom. As a hub, we are helping our colleagues in over 500 schools across Yorkshire to raise standards by:

- Facilitating the sharing of knowledge, training, insights and good practice across primary and secondary schools to ensure a better experience for students.
- Helping everyone to understand the difference a mastery approach to learning can make, including practical ideas to help all students lay firm foundations for Maths learning.
- Making Maths fun! We passionately believe everyone can be a Mathematician. We are working to ensure that everyone sees why mastering Maths is not a scary prospect, and working to attract the very best and most inspiring teachers to this wonderful profession.

Our event has been created to welcome you to the work we will be doing in 2015 and beyond. Please join us at this one day event – we guarantee it will not only be enjoyable, but will also provide you with many new practical ideas for your classroom.

The event is designed for any teacher who teaches Maths, including primary colleagues. We also encourage Maths leads within local authorities to attend, and also welcome delegates who play a role in supporting those who teach Mathematics.

### Welcome to your day of inspiration...

The table (above, opposite) illustrates the structure of the day, detailed information is also available on each session in the fuller outline of the day. Please browse our dedicated micro-site [www.celebrationofmaths.co.uk](http://www.celebrationofmaths.co.uk) for detailed speaker and session information and the latest exhibitors.

### How it works:

- The event opens at 9.30am with the exhibition. All delegates will attend the keynote address.
- From 11am, you will be able to select options. Please note that all workshops are one hour long, so if you select a mainstage it is not possible to select a workshop within that same block. You are welcome to attend both mainstages within a block, or combine a mainstage with browsing the exhibition.
- Workshops do have maximum numbers, to ensure a quality delegate experience. A number are repeated throughout the day and we recommend that you book early in order to secure your choices.
- At the time of booking you will be required to choose your options. Due to the nature of the event it will not be possible to change these. All choices will be printed on the reverse of your delegate badge on the day.

**9.30am Delegate registration and refreshments.** Join colleagues for coffee and a browse of our exhibition area.

**10.30am Welcome from Tony Staneff, White Rose Maths Hub Lead.** Opening speech from your local hub. Hear more about the day ahead and how the White Rose Maths Hub will support you.

**10.35am The national picture: welcome from Minister of State for School Reform.** Minister of State for School Reform *Nick Gibb MP* (invited) will deliver a keynote speech, providing the latest updates on the future of Maths reform and the role of Maths Hubs.

#### Block 1 (11 – 12 Midday)

**Choose your options. Visit a mainstage or a workshop.**

#### Mainstage:

**Option A: Making Maths magical:** *Dallas Campbell*, TV personality and presenter *Dallas Campbell* is a renowned TV personality and presenter, known for making the word 'geek' cool! With a background in all things Science and Mathematical, *Dallas*' inspiring session will deliver a powerful message about encouraging everyone to love Maths.

#### Workshops:

**Option B: Teaching effective revision.** How you can make revision inspiring and effective. In this hands on session, we'll look at what you need to do to help all students succeed during the 'golden opportunity' window of revision season.

**Option C: Better Maths.** Hear directly from experts about Ofsted's experiences of inspecting Mathematics provision. Where are schools shining and where do we all need to improve?

**Option D: Five to Drive.** Want to ensure a better learning experience for your young people? Hear from an innovative and outstanding

academy about how their 'Five to Drive' policy has transformed teaching and learning.

**Option E: Using iPads in the classroom.** Come along to this special hands on session to discover how you can use the latest iPad technology to deliver outstanding results in the primary and secondary classroom. Please note that this session also highlights programmes that can be used in schools with desktop based programmes.

#### Block 2 (12 midday – 1pm)

**Choose your options. Visit two mainstages or a workshop.**

#### Mainstage:

**Option A (1) (12 – 12.30pm)** **Is life just a series of Num8er My8teries?** *Professor Marcus de Sautoy*, University of Oxford (invited). World renowned and award winning *Professor Marcus de Sautoy* will inspire you about your role in making Maths real for every person you meet. Can you recreate your own inspiring School of Hard Sums?

#### Option A (2) (12.30 – 1pm)

**Everyone can be a Mathematician:** *David Thomas*, Westminster Academy. A mastery approach can help children and young people achieve astounding results. In this session we will look at the science behind mastery, what other countries can teach us and what implementing this approach will mean for your curriculum, teaching and assessment.

#### Workshop options (12 – 1pm)

**Option B: Bar modelling.** Discover how a pictorial method of learning can transform outcomes. With a hands on style, you will gain practical ideas and solutions for your classroom.

**Option C: Making your students memory champions.** Excellent recall is vital to student success. World memory champion *David Thomas* will help you understand some of the techniques you can use with your students to ensure they retain and recall essential knowledge.

**Option D: Deeper learning.** A detailed understanding of Maths can open up a world of opportunity for young people – whether this is simply an ability to use learning in everyday life, or a more career based approach. Here we will explore how you can take your students to the next level.

**Option E: Using iPads in the classroom** (repeat).

#### Lunch (1 – 2 pm)

**Exhibition and comedy for your inner (or outer!) nerd.** Renowned comic *Helen Arney* will entertain you with her unique brand of comedy genius. Described as delivering a brand of comedy to the masses that appeals to their inner Mathematician'. *Helen* will perform for half an hour, lunch will be served during this time.

#### Afternoon sessions

Chaired by *Rachel Riley*

#### Block 3 (2 – 3pm)

#### Mainstage

##### Option A (1) (2 – 2.30pm)

##### The coolest Maths job in town?

Countdown presenter *Rachel Riley* reveals more about how although she did not have an ambition to be a television presenter, she decided to apply because she was interested in the numbers part of the game. In this special interview, she will share how that chance decision secured her the 'coolest Maths job around', and how she believes we can help everyone understand the power of Maths.

##### Option A (2) (2.30 – 3pm)

##### Getting it right in the early years.

Laying the right foundations in the early years can set children up for a lifetime of Mathematical success. Here Primary Maths Specialist *Mike Askew*, who has written extensively both for teachers and the research community, will share how practitioners can lay the right foundations for Maths at the earliest age.

#### Workshops:

**Option B: Teaching effective revision** (repeat).

**Option C: Better Maths** (repeat).

**Option D: Five to Drive** (repeat).

**Option E: Speed learning – over 30 fast paced and practical sessions on offer!** Want a chance to gain a fantastic range of tips, ideas and inspiration? Join our speed learning session for a chance to visit up to six ten minute discussions. With topics on everything from effective Maths leadership, to ideas for practical lesson resources; this short investment of time will deliver maximum impact for you in your role!

#### Break and exhibition (3 – 3.30pm)

#### Block 4 (3.30 – 4.30pm)

#### Mainstage

##### Option A (3.30 – 4.30pm)

##### Afternoon keynote: Teach like a Champion.

*Doug Lemov* (invited) Inspirational speaker and author of 'Teach like a Champion' will reveal how you can make small but deliberate changes can transform the way you teach to maximise impact. This unmissable session will transform your thinking – and your teaching.

#### Workshops:

**Option B: Bar modelling** (repeat).

**Option C: Making your students memory champions** (repeat).

**Option D: Deeper learning** (repeat).

**Option E: Speed learning** (repeat).

#### Conference close (4.30pm)

Don't miss the chance to stay on for our evening quiz event, see the back page for more information!



**Don't miss our fantastic Big Pub Quiz at the end of the day. Hosted by Mark 'The Beast' Labbett as seen on 'The Chase'.**

### **Pit your wits against schools from across Yorkshire with our Big Pub Quiz...**

As a Maths Hub, we passionately believe that Maths should be fun! We are delighted to reveal that after our conference closes, we are inviting delegates to our **Big Pub Quiz hosted by Mark 'The Beast' Labbett as seen on 'The Chase'**.

Complete with free pie and peas, you will pit your wits against teams in a number of rounds. Naturally, there will be a Maths round, but we promise there will be some other topics to test your skills and knowledge!

There is no cost to attending the quiz or the pie and peas supper. When you book you will be asked if you would like a ticket

to the quiz and on the day you will be asked to assign yourself to a team when you check in, giving you a chance to team up with colleagues on the day.

The quiz will start at tea-time with a chance to stay on and enjoy a drink with colleagues at the onsite bar (please note that this is a cash bar, with drinks paid for by delegates).

Teams will be made up of ten people and we ask that if you would like to submit a full team, you contact our Maths Hub Administrator via email at:

**[mathshub@trinityacademyhalifax.org](mailto:mathshub@trinityacademyhalifax.org)** or by calling **01422 244890** so that we can reserve you a table.

### **About our venue...**

Our event will take place in the heart of White Rose Country at the Headingley Experience, home to the Leeds Rhinos and The Yorkshire County Cricket Club. We will be using a range of spaces which enjoy breathtaking views across the pitches and fields that our region's sportsmen train and play upon.

The venue is just a short taxi ride away from Leeds City train station, and ample car parking is available on site.

Lunch and refreshments will be provided at the conference for all delegates. There are limited rooms available at the onsite hotel, with many more hotels to suit all budgets available to book within Leeds itself.

### **Ready to book?**

*Our event is completely free to delegates. Due to the free nature of the event, we ask that you use our online booking function at **[www.celebrationofmaths.co.uk](http://www.celebrationofmaths.co.uk)** We are also happy to take bookings via telephone on **01422 244890**. Due to the high profile of this event and our speakers, demand is high. Please ensure that you are definitely able to attend before placing a booking.*