

# POST 16 FOCUS



## A MESSAGE FROM WYMH LEAD MARK DUXBURY

Hello. I hope that this issue finds you, your families and colleagues safe and well. This month's issue has a Post 16 focus. Tim Chadwick, our Level 3 lead is keen to support as many Post 16 providers as possible so please get in touch with him if you want to know more.

Last half-term we held our TfM launch events and we welcomed all of you to get involved in the programmes which you will hear all about in the next issue! This half-term sees the start of our other Work Groups. It's not too late to get involved or indeed further involved! Please do head over to the website to express an interest in any of our Work Groups or drop us a line if you need further information. All our Work Groups are being adapted to run online until further notice.

Steph Kirk, the Secondary TfM lead is looking forward to our first online Secondary Conference in a couple of weeks. All the information for this can be found on our website or on our social media! We hope to see many of you there - It really will be something to cheer up those short winter days!

Best wishes,  
Mark



We welcome contributions to both the website and upcoming newsletters! Please feel free to send us an email with news of you or your students' achievements/successes that you'd like to share and any events you would like to be promoted.

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## POST 16 MATHS

West Yorkshire Maths Hub works closely with teachers in every Key Stage, from Early Years right up to Further Education.

Once students have sat their GCSEs, they may choose to take their maths studies further in Post 16 education. They could opt for A Level Mathematics, A Level Further Mathematics or Core Maths. Core Maths is a recent addition to the Post 16 offerings that focusses on helping students to become more numerically critical, including learning about personal finances such as mortgages, credit cards and insurance.

This year we are offering two Work Groups at Level 3, the precise content of all our Work Group depends on the participating teachers' requirements.

- Developing A Level Pedagogy will look at Mastery in A Level; creating links between topics, tethering to GCSE, using technology, embedding the Large Data Set or looking at Mechanics in depth.
- Supporting Core Maths is ideal for teachers new to teaching Core Mathematics and explores the open-ended problem-solving approaches that are a key part of Core Maths.

Both Work Groups will provide plenty of material to take back to your department and classroom, as well as provide the opportunity for teachers to work alongside others with a wide variety of experience to share and develop ideas.

Keep an eye on our website and social media for upcoming dates. All Work Groups will be starting online this year.





## RECRUITMENT: SKTM WORK GROUPS

This year, we are running the ever-popular Specialist Knowledge in the Teaching of Mathematics Work Groups for Primary teachers. These are free and ideal for anybody, from NQTs to subject leads wanting to improve their subject knowledge in teaching Mathematics. Each session will look in detail at 4 key areas:

- Number sense
- Additive reasoning
- Multiplicative reasoning
- Fractions

Visit our website for more information and to apply.

Secondary & Post-16

## WINTER CONFERENCE

We are delighted to reveal our FREE Secondary and Post 16 Winter Conference!

You and every member of your department are invited to sign up to the sessions listed as part of our Conference Week. All sessions will be delivered on Zoom and by a Mathematics Specialist. Whilst you are very welcome to attend all the sessions, there is no pressure to do so. You can choose the ones that will have the most impact on your professional development. If you attend 3 live sessions throughout the week, we will send you all of the sessions as a recording to watch at your leisure.

Head over to our website to download a copy of our schedule and to book your place.

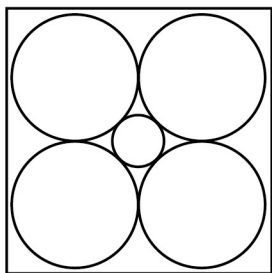
## TRY SOME MATHS...

**Ponder:** What questions might you ask about this image?

**Construct:** Go to [Geogebra.org](https://www.geogebra.org) and construct the image.

**Challenge:** What fraction of the square does the small circle take up?  
(all of the larger circles' radii are a quarter of the width of the square)

**A Level:** If the centre of the square is the origin, what are the equations of the 5 circles?



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**Click here to sign up to our mailing list.**

(By signing up to our mailing list, you are giving us permission to send e-newsletters and hub related communication from West Yorkshire Maths Hub.)

## MEET THE TEAM

Mark Pierzchalski

I currently work at Shipley College in the world heritage site of Saltaire. I teach Core Maths as well as Functional Skills and GCSE resit.

Although a small College, it has significant reach across the region, particularly in collaborating with others to improve Maths education and promote high quality teaching. I was part of the pilot group when Core Maths was first introduced and really enjoyed the focus on problem solving and also the fact it can be offered to all those with a grade 4 or above. I quickly became a Core Maths Lead, helping other Schools/Colleges to offer or expand their Core Maths provision. More recently, I have run Maths Hub Work Groups on GCSE resit approaches and Core Maths. This year I will be running a Core Maths Work Group again and expanding my work on new approaches to GCSE resit.

I would urge all maths teachers to get involved in the Work Groups offered. They provide an excellent way to collaborate with other teachers in the region. Over the years I have seen such a positive impact on both new and experienced teachers. They were then able to take this back to their departments to benefit pupils and colleagues.

