

# Maths

## Headteacher and Senior Leaders Termly Briefings

### Autumn Term 2022

Supporting the messages to subject leaders

Focus: **Planning cycle and Retrieval Practice - whole school overview**

Headteachers/Senior  
Leaders

Tuesday 13<sup>th</sup> September 2022

8.30-11.00

**ONLINE**

FREE to all Partnership schools

£75.00 per delegate to all non-  
partnership schools

Includes delivery and all course  
materials

### Spring Term 2023

Supporting the messages to subject leaders

Focus: **Differentiation- what it is and how this has changed**

Headteachers/Senior  
Leaders

Tuesday 10<sup>th</sup> January 2023

8.30-11.00

**ONLINE**

FREE to all Partnership schools

£75.00 per delegate to all non-  
partnership schools

Includes delivery and all course  
materials

### Summer Term 2023

Supporting the messages to subject leaders

Focus: **Moderation and assessment- whole school process and procedures**

Headteachers/Senior  
Leaders

Tuesday 25<sup>th</sup> April 2023

8.30-11.00

**ONLINE**

FREE to all Partnership schools

£75.00 per delegate to all non-  
partnership schools

Includes delivery and all course  
materials

## Effective use of manipulatives

This Session is for all teachers exploring how to use manipulatives effectively, selecting the most appropriate models and images for a range of tasks to include Numicon, bar modelling etc.

This training includes two half day sessions with a classroom based 'gap task' in between sessions.

Delegates **MUST** book onto **BOTH** sessions

Facilitator: Claire Martin - NW3 Primary Mastery Lead

<p>Key Stage 1 - (Y1 and 2 teachers)</p> <p>Key Stage 2 - (Years 3, 4, 5 and 6 teachers)</p>	<p><b>Session 1</b> Tuesday 27th September 2022</p> <p><b>Key Stage 1</b> - 9:00-12:00 <b>Key Stage 2</b> - 1:00-4:00</p> <p>Winstanley College Winstanley Rd, Orrell, Wigan WN5 7XF</p>	<p>£140.00 per delegate</p> <p>For 2 half day sessions (plus gap task resources)</p> <p>Includes planning, preparation, delivery, all course materials and refreshments</p>
<p>Key Stage 1 - (Y1 and 2 teachers)</p> <p>Key Stage 2 - (Y3, 4, 5 and 6 teachers)</p>	<p><b>Session 2</b> Wednesday 19th October 2022</p> <p><b>Key Stage 1</b> - 9:00-12:00 <b>Key Stage 2</b> - 1:00-4:00</p> <p>Winstanley College Winstanley Rd, Orrell, Wigan WN5 7XF</p>	<p>£140.00 per delegate</p> <p>For 2 half day sessions (plus gap task resources)</p> <p>Includes planning, preparation, delivery, all course materials and refreshments</p>

## EYFS Practitioners - 'Using Story to Teach Maths and Develop Oracy'

This session will look at the new EYFS framework and support practitioners to fully implement the new framework by building mathematical curiosity using:

- Well known stories
- A range of tasks that can be repeated for different numbers
- Tasks that can be used to fulfil the mathematics programme

You will leave with a complete set of tasks for at least three books and the knowledge to change the tasks to support whatever maths you are teaching.

<p>New and experienced EYFS Practitioners</p>	<p>Wednesday 30<sup>th</sup> November 2022</p> <p>9.00-3.30</p> <p>Winstanley College Winstanley Rd, Orrell, Wigan WN5 7XF</p>	<p>£160.00 per delegate</p> <p>Includes planning, preparation, delivery, all course materials, refreshments and a light lunch</p>
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## Year 6 Preparation for SATs

- Simple tools and strategies given to improve arithmetic fluency
- Effective strategies to tackle unseen reasoning questions
- Strategies for solving word problems
- How vocabulary can make the difference

You will leave with a new set of revision guides for a range of topics and new vocabulary and word problem support.

New and experienced Y6 teachers and support staff	Wednesday 18 <sup>th</sup> January 2023  9.00-3.30  Winstanley College Winstanley Rd, Orrell, Wigan WN5 7XF	£160.00 per delegate  Includes planning, preparation, delivery, all course materials, refreshments and a light lunch
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## Teaching Times Tables - Preparing to Test

The session will focus on using research to support leaders have a whole school approach to teaching multiplication tables.

This is ideal for a maths subject leader as well as staff in targeted year groups.

- We will look at strategies to help children from counting to deriving to automaticity
- Tasks to teach multiplication facts rather than just practice them
- Tasks to support retrieval practice
- Links to real life

Delegates will be given new times table games, tasks to support teaching and retrieval practice tasks.

Lower KS2 Y3 and Y4 Teacher and TAs	Thursday 29 <sup>th</sup> September 2022  9.00-12.00  <b>ONLINE</b>	£80.00 per delegate  Includes planning, preparation, delivery and all course materials
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## Year 2 Moderation

**This course is two sessions, autumn and spring term.**

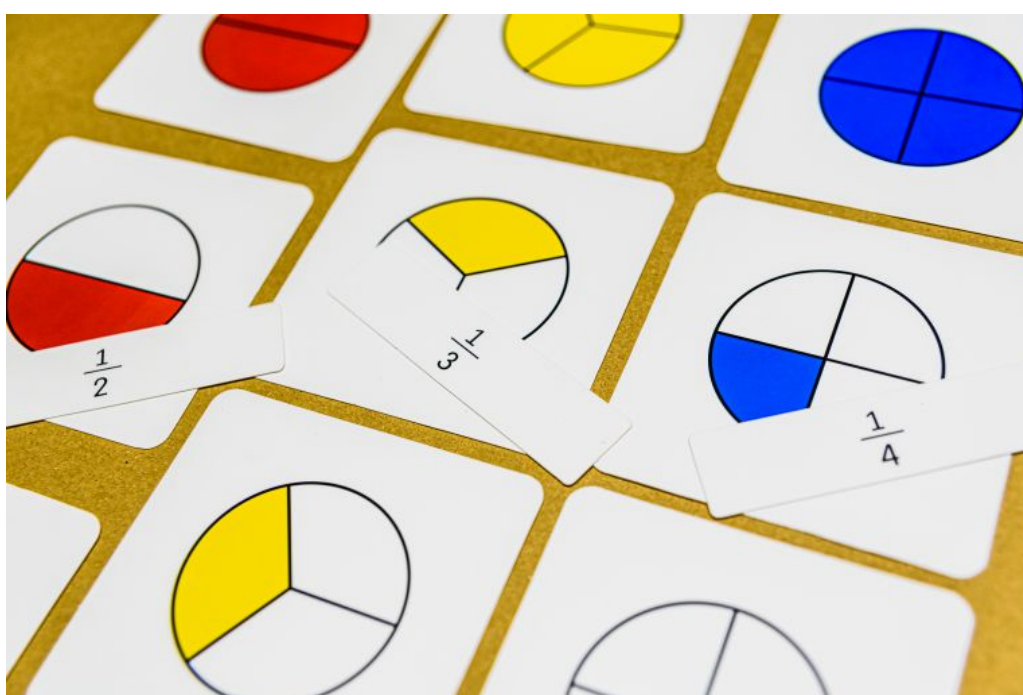
We will look at where children are in the autumn term and what we can do between now and March to support them.

In Session 2 we will look at progress from autumn and what we can do for to support all learners for the rest of the year.

- We will look at expectation within a year group and how to teach key topics by developing practice and theory together
- Look at ways to use manipulatives effectively by linking pedagogical knowledge to subject knowledge
- How to implement 'keep up, not catch up' strategies using assessment to identify gaps and address common misconceptions
- Support to narrow the gap where needed
- Supporting teachers to monitor current provision, identifying gaps and planning next steps to ensure children are prepared to meet end of year national expectations
- Support to extend the highest attaining learners
- A chance to build in peer support when developing practice

**You will leave with a wealth of assessment tasks as well as progression knowledge to support children to build on what they know.**

Y2 teachers, maths subject leaders and SLT members	<b>Day 1</b> - Tuesday 22 <sup>nd</sup> November 2022  <b>Day 2</b> - Tuesday 14 <sup>th</sup> March 2023  9.00-3.00  Winstanley College Winstanley Rd, Orrell, Wigan WN5 7XF	£300.00 per delegate for ENTIRE PROGRAMME <b>2 full days training</b>  Includes planning, preparation, delivery, all course materials, refreshments and a light lunch
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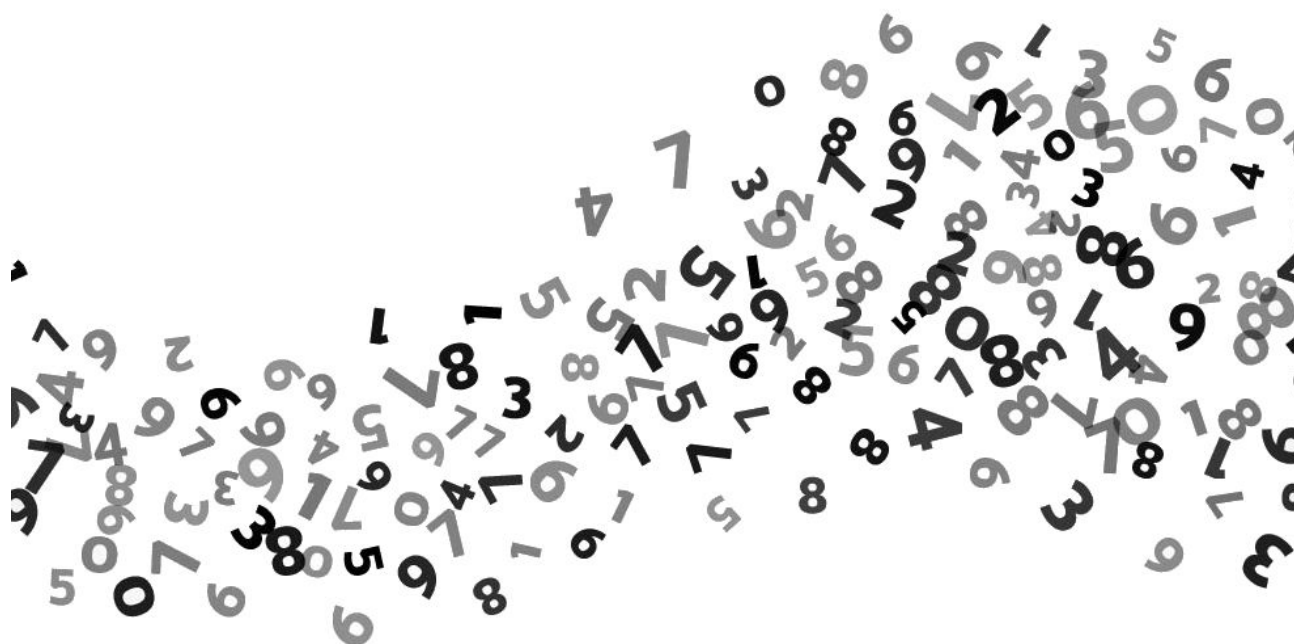
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Y6 teachers, maths subject leaders and SLT members	<b>Day 1</b> - Wednesday 23rd November 2022  <b>Day 2</b> - Wednesday 22 <sup>nd</sup> March 2023  9.00-3.00  Winstanley College Winstanley Rd, Orrell, Wigan WN5 7XF	£300.00 per delegate for ENTIRE PROGRAMME <b>2 full days training</b>  Includes planning, preparation, delivery, all course materials, refreshments and a light lunch
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## Rehearsal, Retrieval and Beyond in Mathematics - NEW

**This is a 2 DAY programme** - a golden thread is 'built upon' across the 2 sessions.

### Focus:

**Ofsted Mathematics research report highlighted the importance of 'declarative' knowledge.**

- You will leave with a range of strategies and tasks to support declarative knowledge
- To consider how we can continue to use facts through retrieval practice and delegates will leave with several strategies and a guide of when to implement them
- To extend the knowledge so pupils can apply them to a range of situations

### FREE Resources include:

- Long term plan of what and when to implement
- Some complete weeks of resourced planning
- Range of resources that can be adapted

<b>KS1</b> Y1 and 2 Teachers and TAs Maths Subject leaders ECTs/RQTs	<b>Day 1</b> - Wednesday 2 <sup>nd</sup> November 2022  <b>Day 2</b> - Tuesday 7 <sup>th</sup> March 2023  9.00-3.00  Winstanley College Winstanley Rd, Orrell, Wigan WN5 7XF	£300.00 per delegate for ENTIRE PROGRAMME <b>2 full days training</b>  Includes planning, preparation, delivery, all course materials, refreshments and a light lunch
<b>Lower KS2</b> Y3 and 4 Teachers and TAs Maths Subject leaders ECTs/RQTs	<b>Day 1</b> - Thursday 3 <sup>rd</sup> November 2022  <b>Day 2</b> - Wednesday 1 <sup>st</sup> March 2023  9.00-3.00  Winstanley College Winstanley Rd, Orrell, Wigan WN5 7XF	£300.00 per delegate for ENTIRE PROGRAMME <b>2 full days training</b>  Includes planning, preparation, delivery, all course materials, refreshments and a light lunch
<b>Upper KS2</b> Y and 6 Teachers and TAs Maths Subject leaders ECTs/RQTs	<b>Day 1</b> - Thursday 10 <sup>th</sup> November 2022  <b>Day 2</b> - Thursday 28 <sup>th</sup> March 2023  9.00-3.00  Winstanley College Winstanley Rd, Orrell, Wigan WN5 7XF	£300.00 per delegate for ENTIRE PROGRAMME <b>2 full days training</b>  Includes planning, preparation, delivery, all course materials, refreshments and a light lunch

## Progression in Reasoning - NEW

These are TERMLY Reasoning Workshops.

**Focus:**

- NEW ideas to build up a bank of resources to support Reasoning
- An opportunity to think about a whole school plan to develop reasoning skills.
- In these workshops we will look at how we can consistently build reasoning skills into all year groups

**Delegates will leave with a whole school plan and a wealth of ideas to support reasoning from EYFS to Y6.**

Maths Subject Leaders ALL teachers Y1-Y6, ECTs and RQTs	Autumn - Thursday 17 <sup>th</sup> November 2022	£60.00 per delegate, per session If booked as a package, £150 for all 3 sessions  Includes planning, preparation, delivery and all course materials
	Spring - Wednesday 8 <sup>th</sup> March 2023	
	Summer - Thursday 27 <sup>th</sup> April 2023  All sessions 9.00-12 noon  <b>ONLINE</b>	

## Progression in Problem Solving - NEW

These are TERMLY Problem-Solving Workshops.

**Focus:**

- NEW ideas to build up a bank of resources to support Problem Solving
- An opportunity to think about a whole school plan to develop problem solving skills.
- In these workshops we will look at how we can consistently build Fluency and reasoning skills to develop problem solving

**Delegates will leave with a whole school plan and a wealth of ideas to support Problem solving from EYFS to Y6. Session 1 and 2 delegates will leave with a bank of number tasks. Session 3 delegates will leave with geometry tasks.**

Maths Subject Leaders ALL teachers Y1-Y6, ECTs and RQTs	<b>Autumn</b> - Thursday 4 <sup>th</sup> May 2023	£60.00 per delegate, per session If booked as a package, £150 for all 3 sessions  Includes planning, preparation, delivery and all course materials
	<b>Spring</b> - Thursday 8 <sup>th</sup> June 2023	
	<b>Summer</b> - Monday 10 <sup>th</sup> July 2023  All sessions 9.00-12 noon  <b>ONLINE</b>	

## Primary Excellent Maths Teacher Programme

### Back by popular demand!

This programme has been running for 6 years and is hugely popular with schools.

### Who is it for?

These sessions are aimed at excellent maths teachers/subject leaders/SLEs/PDLs who have the potential and drive to achieve excellence in maths practice and the ability to develop others.

### What does it include?

7 face to face sessions, 4 gaps tasks, ALL materials, ongoing professional advice and network to further collaborate.

The training programme provides a great opportunity to develop professionally and personally. It will support leadership development and growth in addition to having a 'Maths expert' in your school to disseminate key messages and train staff.

### Time and venue for ALL sessions:

9.00-3.30 at West Lancashire Investment Centre, White Moss Business Park, Maple View, Skelmersdale WN8 9TG

### Cost:

£110 per session. This includes planning, preparation, delivery, all course materials, refreshments and a light lunch. NWLP heavily subsidise this programme to ensure costs are kept at a minimum. Therefore no further discounts will be applied.

### 7 full day sessions to include:

- What does outstanding maths practice look like?
- Developing problem solving, reasoning and fluency throughout the primary phase
- SKE and pedagogical understanding of place value, number, calculation, algebra and fractions
- Effective monitoring to determine impact
- Tracking of progress and skills to inform action planning and next steps
- Exploring and developing assessment
- Providing effective feedback
- Lesson structures, planning and questioning
- An introduction to Tara's Toolkit- this is a resource that will supplement, and work alongside ALL current TFM resources across all areas. New resources are added and introduced throughout the programme

**Day 1** Thursday 15th September 2022

**Day 2** Wednesday 9th November 2022

**Day 3** Tuesday 31st January 2023

**Day 4** Wednesday 15th March 2023

**Day 5** Wednesday 19th April 2023

**Day 6** Tuesday 16th May 2023

**Day 7** Wednesday 21st June 2023

All sessions: 9.00-3.30

West Lancashire Investment Centre, White Moss Business Park, Maple View, Skelmersdale WN8 9TG

The cost of this training will be £110 per session therefore £770 for the entire programme. This will include all course materials, delivery, refreshments and lunch at all events. NWLP heavily subsidise this programme to ensure costs are kept at a minimum.



## Maths Subject Leader Termly Network

Each session will look at leadership issue and a mathematics progression in one area. We also look at national issues.

These agendas will be added to as the year progresses; based on national and local issues emerging.

<b>Autumn</b>  Implications from end of year national tests.  Planning and Retrieval Practice - how to plan and support colleagues in developing a consistent approach.	Wednesday 5 <sup>th</sup> October 2022 9.00-3.30  Mercure St Helens Hotel, Linkway West, St Helens, WA10 1NG	£160 per session  Partnership schools receive one FREE place at each network meeting  Includes delivery, all course materials, a light lunch and refreshments
<b>Spring</b>  Differentiation- what do we mean?	Thursday 2 <sup>nd</sup> February 2023 9.00-3.30  Mercure St Helens Hotel, Linkway West, St Helens, WA10 1NG	£160 per session  Partnership schools receive one FREE place at each network meeting  Includes delivery, all course materials, a light lunch and refreshments
<b>Summer</b>  TBC based on previous sessions	Friday 16 <sup>th</sup> June 2023 9.00-3.30  Mercure St Helens Hotel, Linkway West, St Helens, WA10 1NG	£160 per session  Partnership schools receive one FREE place at each network meeting  Includes delivery, all course materials, a light lunch and refreshments



## NEW to Subject Leadership - NEW

**ARE YOU NEW, relatively NEW or ASPIRING to be a Maths Subject Leader?** Then this session is for you!

A session for leads who have just taken on the role. We will look at action planning, strengths, and weaknesses of maths in school, creating priorities to support you.

You will leave with a wealth of tools to support you in your new role including work reflection tools and progression documents.

**Focus:**

- An improved understanding of curriculum progression
- How to be an effective subject leader
- How to lead and develop others
- How to monitor mathematics provision- what to look for
- Deep Dive into Mathematics
- How to lead an inspection confidently

New (or relatively new) Maths Subject Leaders, subject leaders that would like a 'refresher' and aspiring subject leaders wanting to learn!	Tuesday 20 <sup>th</sup> September 2022  9.00-3.00  Mercure Hotel, Linkway W, Saint Helens WA10 1NG	£160.00 per delegate  Includes planning, preparation, delivery, all course materials, refreshments and a light lunch
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If you wish to book on any sessions, please visit our new booking website at:

[www.bookwhen.com/nwlp](http://www.bookwhen.com/nwlp)

If you need any support with bookings, please email the NWLP team at:

[nwlp.bookings@three-saints.org.uk](mailto:nwlp.bookings@three-saints.org.uk)

## Facilitator Pen Portrait - Tara Loughran

Tara has extensive experience in schools, local authorities and previously for the DfE for leading improvement and change in mathematics.

She has provided high quality training for the North-West Learning Partnership since 2013; she has inspired lots of teachers and support staff to take her ideas back to the classroom with significant impact. Her contributions to school improvement have been acknowledged in numerous Ofsted and HMI reports.

Her work is steeped in improving subject knowledge, building number sense to enable fluency, to enable learners to reason and problem solve.

Tara has travelled to Europe and the Middle East to support schools as well as travelling across the UK.

