Implementing teaching for mastery as a primary headteacher

Tom Collins: St Joseph’s Catholic Primary School

Deb Harper : St Hugh of Lincoln Catholic Primary School

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MATHSHUBS
NORTH-EAST HANTS AND SURREY

A little bit about us and why we're talking about maths mastery…..

St Joseph's Catholic Primary School

The Way, The Truth, The Life

St Hugh of Lincoln • Catholic Primary School • In faith and love we learn and grow •

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What will it mean for your school?

- Mastery rejects the idea that a large number of children “just can’t do maths”
- Children are taught together without ability grouping
- Keep up rather than catch up approach to intervention
- Replacing a spiral curriculum structure with a linear one
- Key facts such as multiplication tables and number bonds are learned to automaticity to avoid cognitive overload in the working memory and enable pupils to focus on new concepts
- Significant time spent developing deep sustainable knowledge, emphasising structure and connections.
- Teaching correct mathematical language

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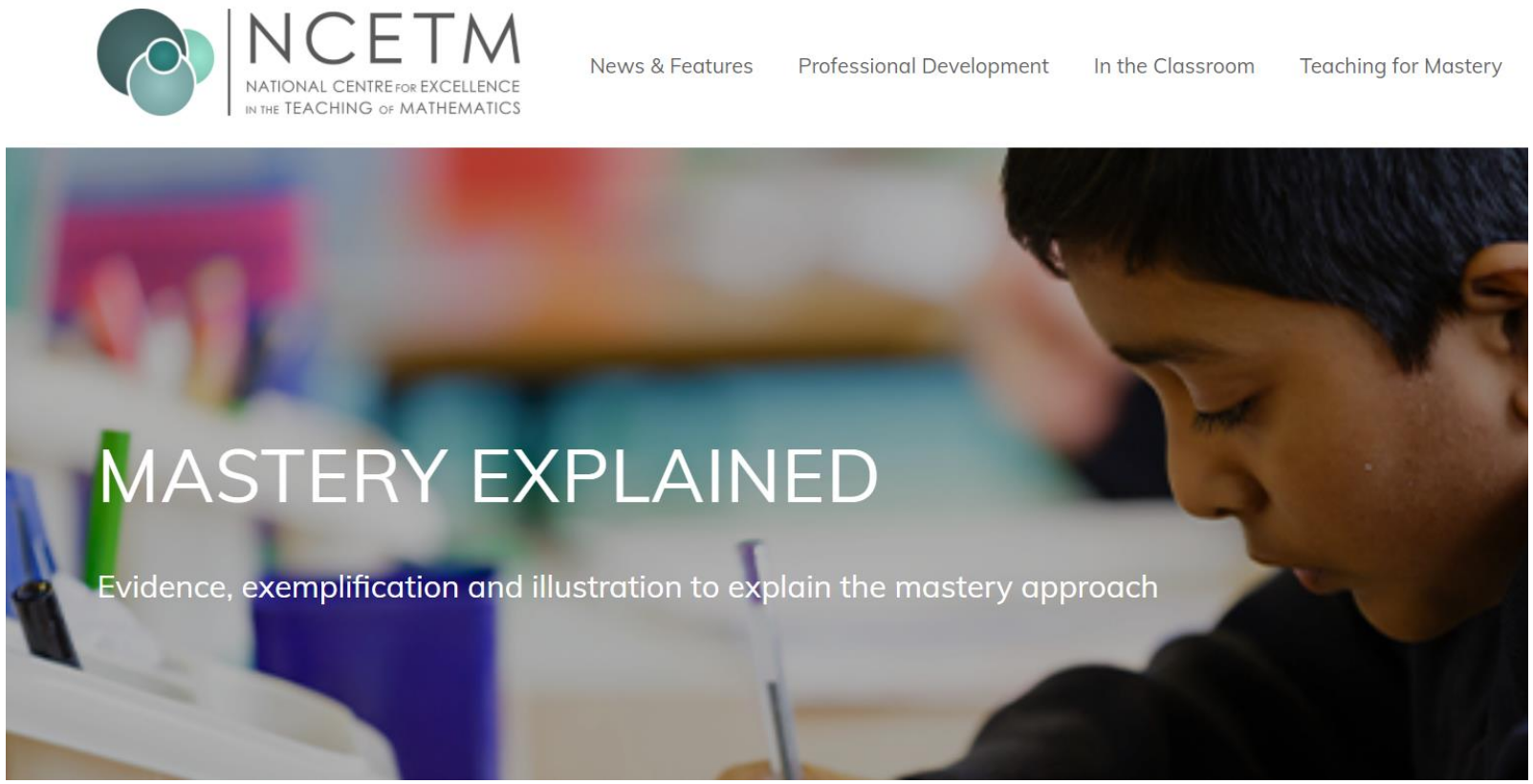
The evidence:



- https://www.ncetm.org.uk/teaching-for-mastery/mastery-explained/supporting-research-evidence-and-argument/#Notes

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The St Joseph implementation story

1. Getting under the bonnet…

2. Built to last…

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The St Joseph implementation story

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The St Joseph implementation story

3. Professional discussion…

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The St Hugh road to mastery….

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Challenges!

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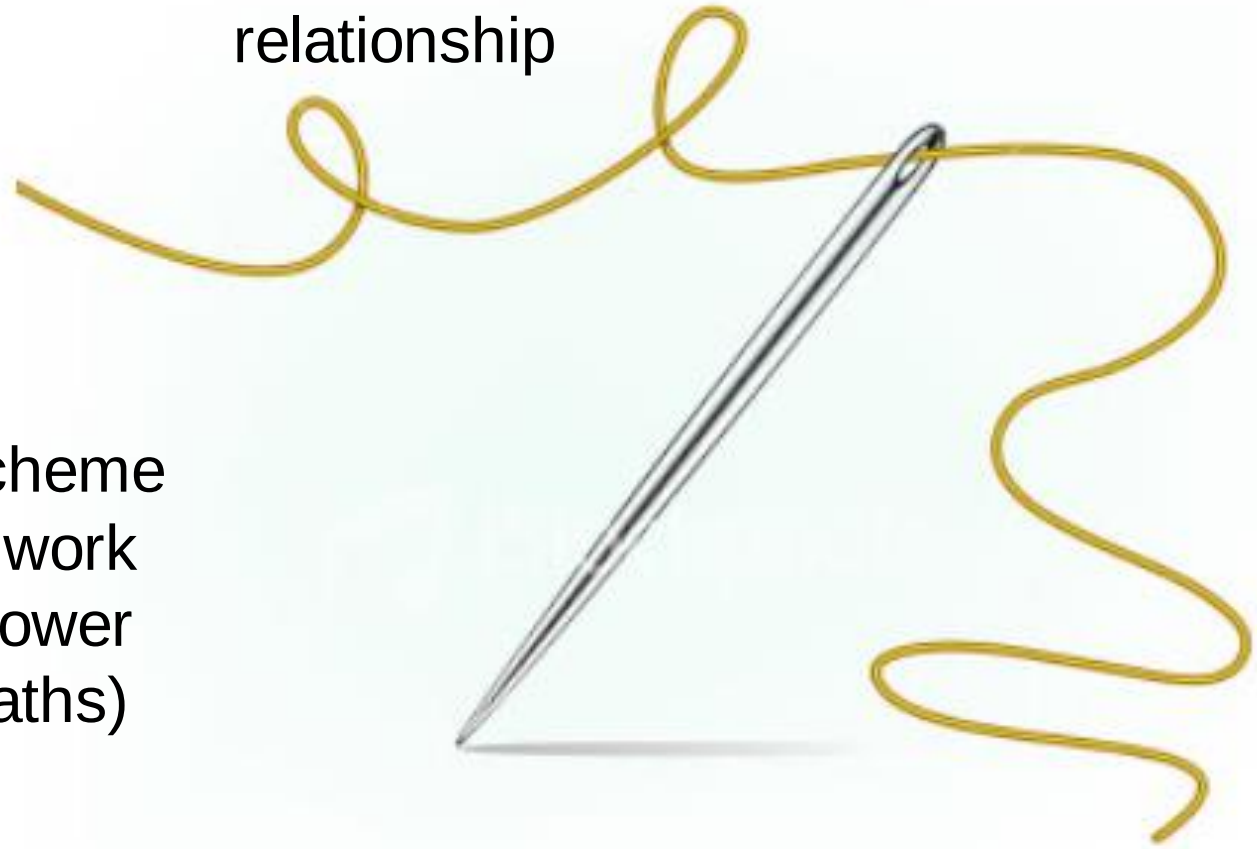
Golden threads at St Hugh

The Maths Hub relationship



Same day intervention (even during lockdown!)

Scheme of work (Power Maths)

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Engagement with the sustaining programme

Leadership	Planning and Collaboration	Subject Knowledge
Termly network meetings for subject leads (ONLINE)	2 TRG style observation lessons (FACE TO FACE)	2 big ideas training sessions for teachers new to mastery (FACE TO FACE) Elective sessions (ONLINE)
3 after school sessions per group	2 half day sessions per group 2 teachers can attend	2 big idea afternoons 2pm – 5pm Elective sessions after school 3 teachers can attend

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Opportunities for Next Year

- We still have a few places on our FUNDED Teaching for Mastery programme
- Y5-8 Continuity Work Group (Secondary and feeder primary schools/MATs can apply together)
- TA Subject Knowledge
- EYFS Subject Knowledge
- Primary Subject Knowledge
- Primary Early Career Subject Knowledge
- Our own Research and Innovation Work Groups (we can put forward our ideas for these, so do let us know if there are any areas you think we could be addressing)

- Network meetings each half term – these will alternate between meetings for all teachers one half term and meetings for Maths Leads in the other.
- Summer Conference

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Visit our website for more details and links to Expression of Interest forms
https://nehantsandsurreymathshub.co.uk/

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