

Lesson Study in Action

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The University of Manchester

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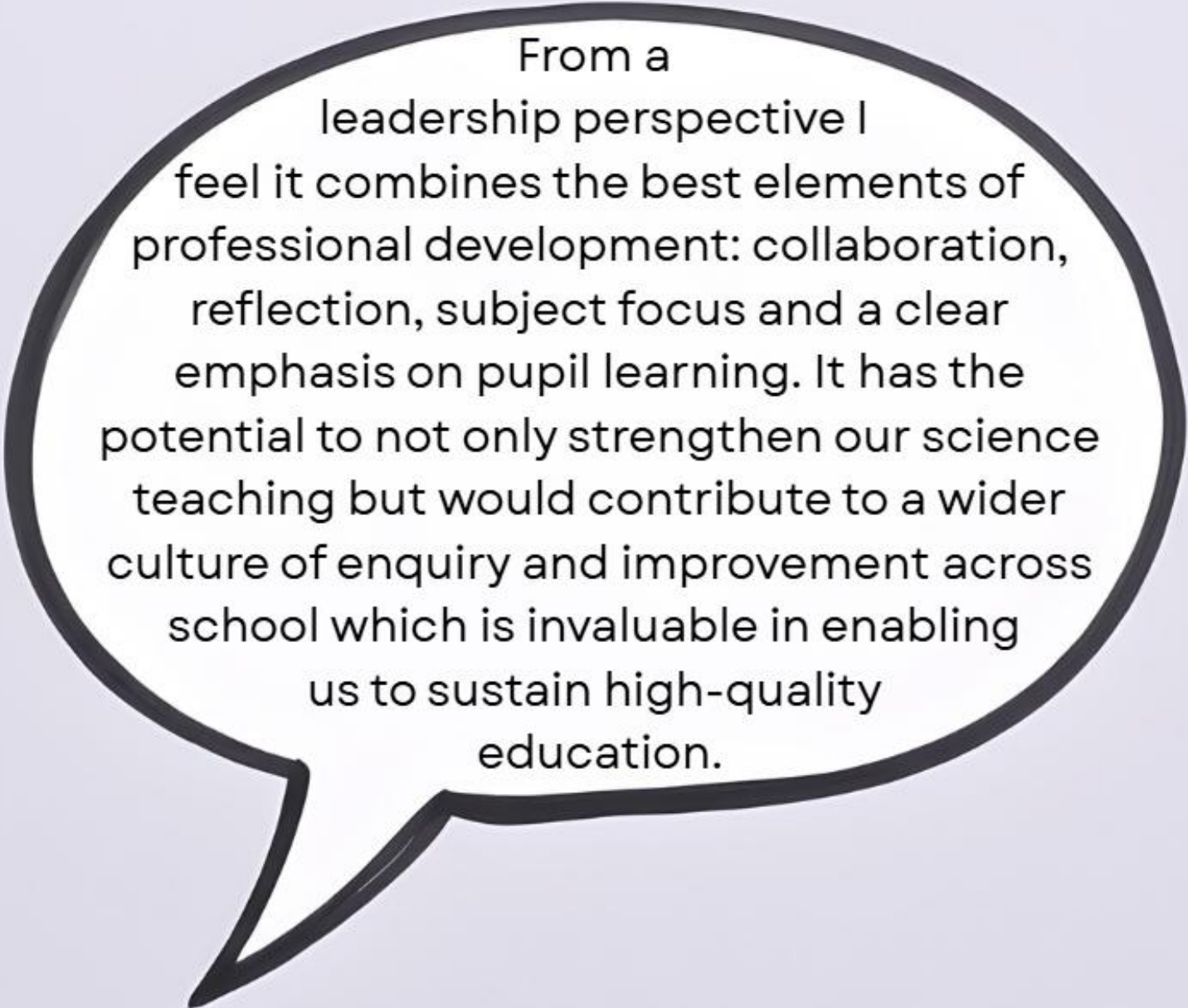
Senior Lecturer

UNESCO Chair

Teacher Professional Development
using Lesson Study



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Chair



From a leadership perspective I feel it combines the best elements of professional development: collaboration, reflection, subject focus and a clear emphasis on pupil learning. It has the potential to not only strengthen our science teaching but would contribute to a wider culture of enquiry and improvement across school which is invaluable in enabling us to sustain high-quality education.

Headteacher
of a participating school

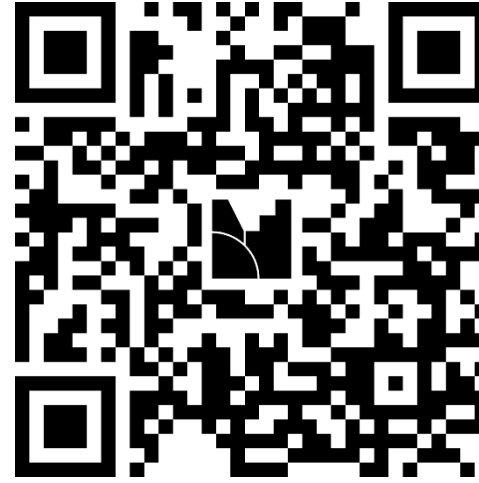
Session aims

By the end of the session you will:

- understand the Lesson Study cycle
- have explored how to use Lesson Study within science teaching and learning contexts
- be equipped to plan for using Lesson Study in your own setting / professional development delivery



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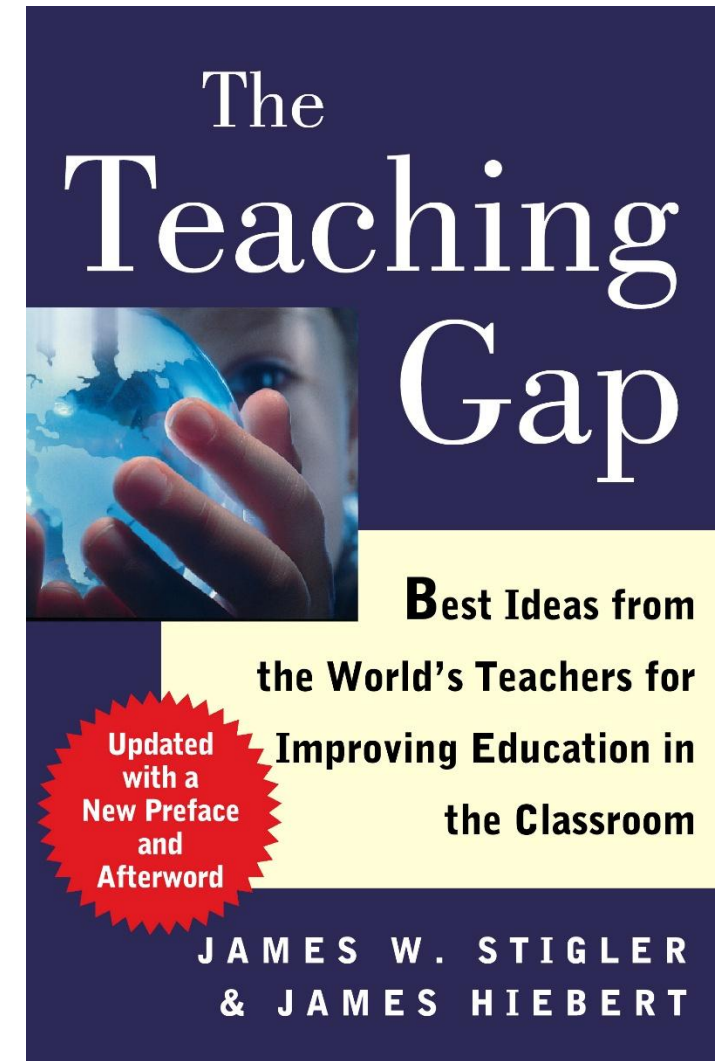


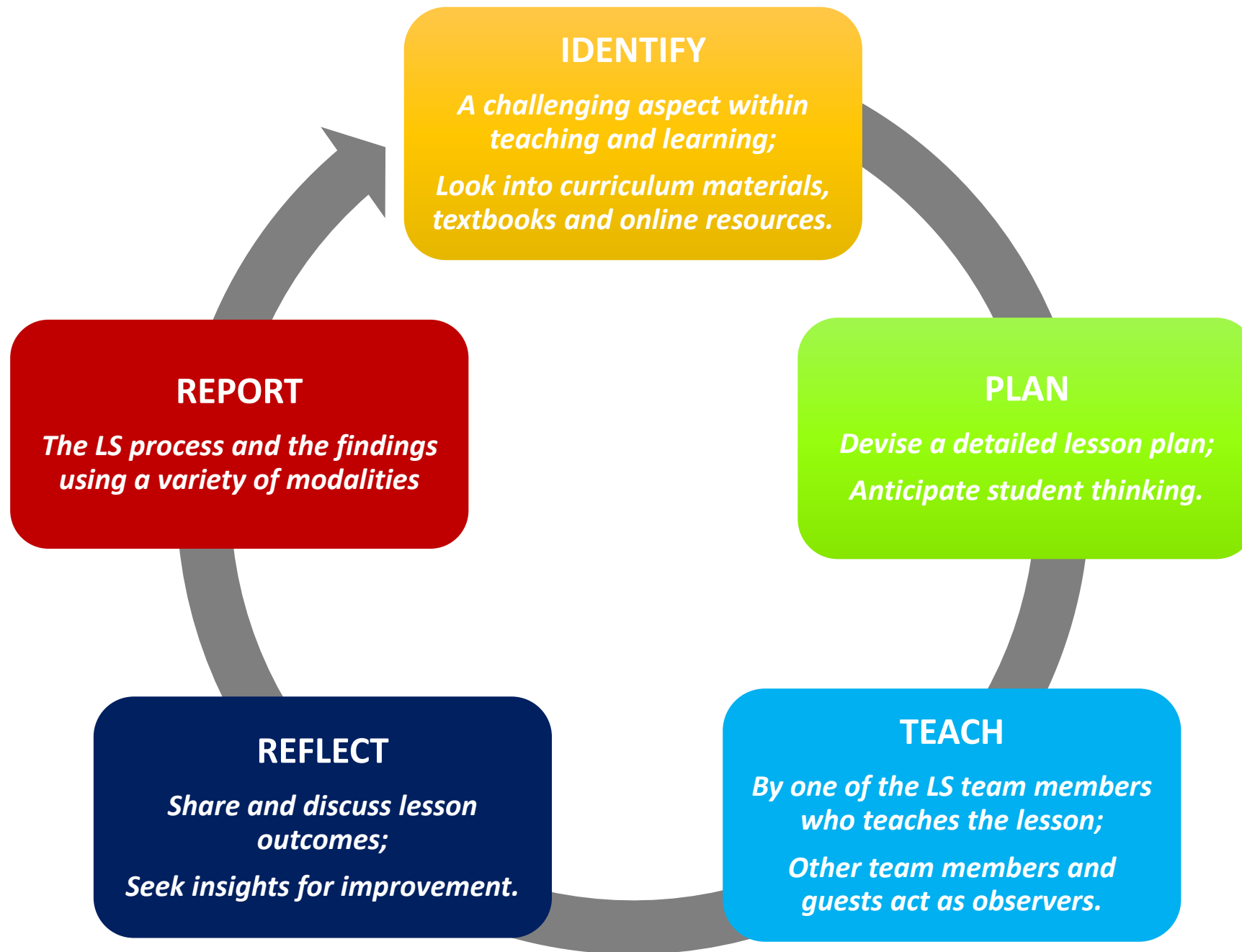
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Lesson Study

- Originated in Japan in the 1870s
- Emerged in elementary education as a natural evolution of teacher PD
- Transported worldwide in 1999 with the seminal book 'The Teaching Gap'
- Currently practised in over 30 countries including US (2000), UK (2001), Kazakhstan (2012), the Netherlands (2013) and Malta (2017).
- A Lesson Study cycle typically involves iterative phases





SEERIH's Learning Science through Lesson Study

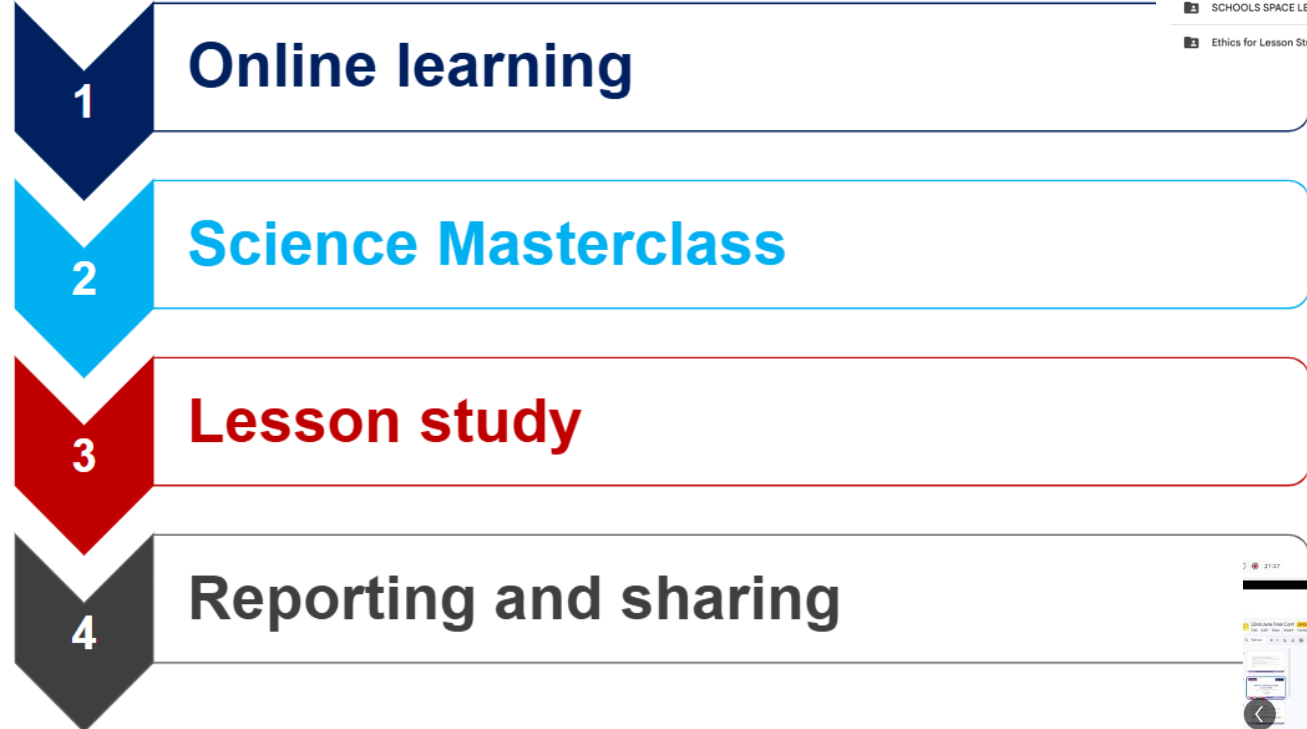
Aims

- Professional development purpose: Developing subject leader confidence in enquiry-based learning
- Move towards long-term engagement via practice-based collaborative PD
- Address teachers' professional needs and geographic dispersion
- Embed Lesson Study as a tool for reflection and learning about sustainable science within the concept of a Masterclass



Structure

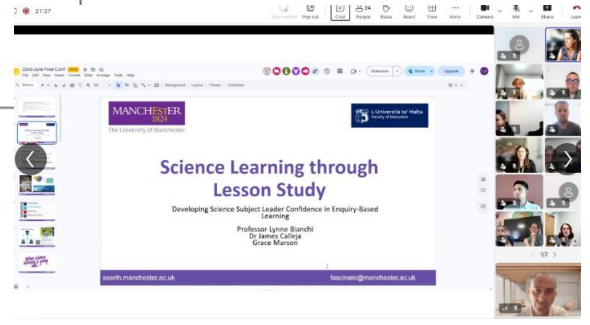
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My Drive > SEERIH Masterclass Les...


1 selected

Name	Owner
Emails	me
MEETINGS WITH TEACHERS	me
EXTRAS Misc	me
SCHOOLS SPACE LESSON STUDY	me
Ethics for Lesson Study project	me



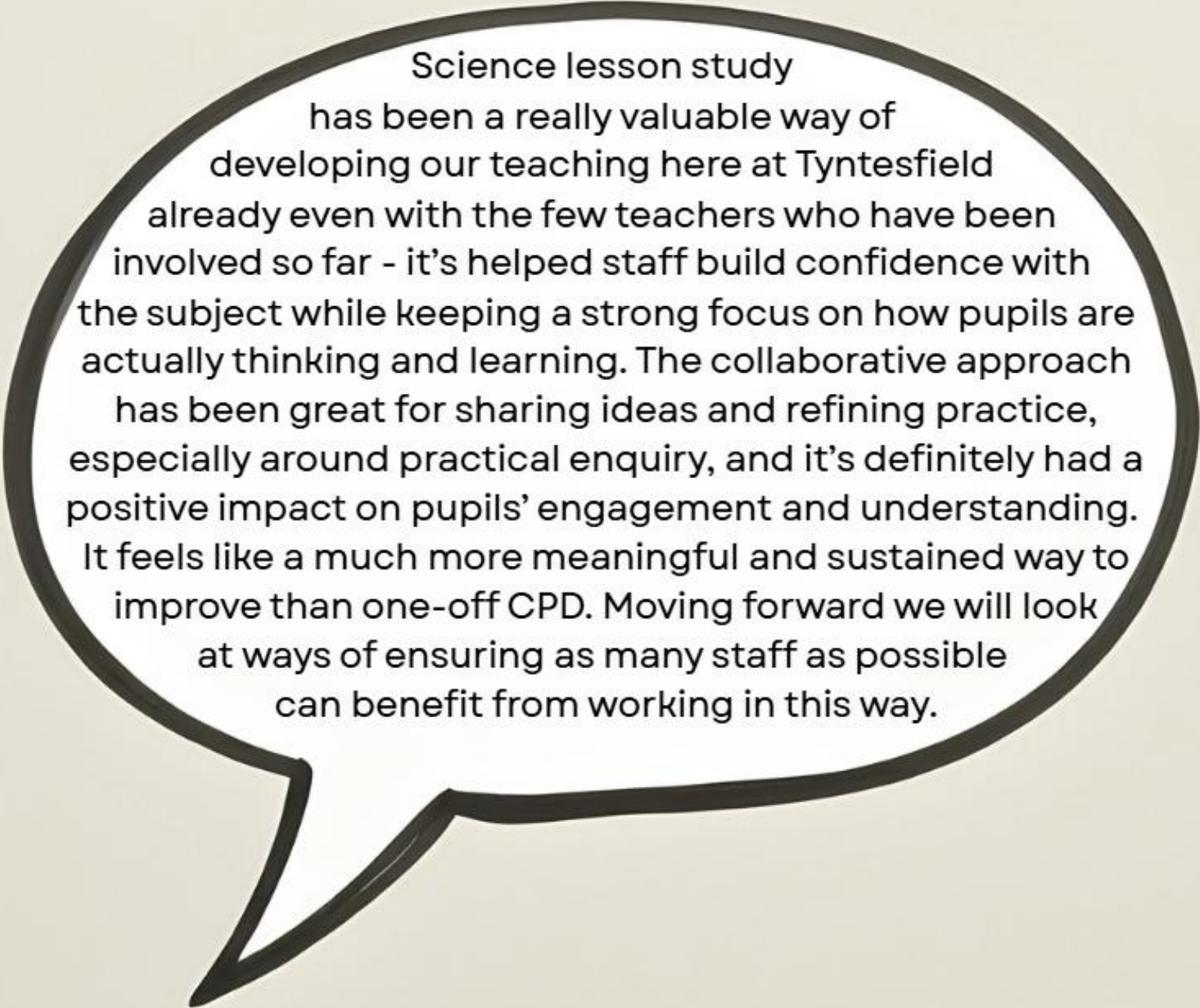
#ASETDConf26



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Taking part in the Lesson Study project has provided me with a truly collaborative space to observe, discuss and develop science teaching and learning across our Trust. Focusing on the lesson from the pupils' perspective has encouraged me to engage learners more effectively by meeting them where they are, rather than where I assume they should be. It has felt different from other CPD because of the shared accountability and collective responsibility for improving pupil outcomes in Science. As a result, I now feel more confident beginning lessons with engaging, hands on, minds on experiences that activate prior knowledge and quickly identify any preconceptions they might have.

Teacher / Science Lead

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Science lesson study
has been a really valuable way of
developing our teaching here at Tyntesfield
already even with the few teachers who have been
involved so far - it's helped staff build confidence with
the subject while keeping a strong focus on how pupils are
actually thinking and learning. The collaborative approach
has been great for sharing ideas and refining practice,
especially around practical enquiry, and it's definitely had a
positive impact on pupils' engagement and understanding.
It feels like a much more meaningful and sustained way to
improve than one-off CPD. Moving forward we will look
at ways of ensuring as many staff as possible
can benefit from working in this way.

Headteacher
of a participating school

Securing Success



Understand participants' starting points. They needed reassurance, and support with academic reading.



Prep/reading time, time to attend, and time to reflect were vital.



Agreeing on a tight focus is key so teachers focus on that aspect in the observation and reflect on it.



Buy-in from SLT/MAT leads is essential.
Our teachers worked in pairs – one science lead.
Ongoing support from SEERIH/James.



Teacher release is tricky so our project offered supply cover.



Evaluation and the dissemination is not an after-thought – it is a planned part of the project. In school, teachers to share with colleagues. Sharing with the sector and other learning communities.

*Any
questions?*



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Lesson Study; Leader @Collaborative Lesson Study Malta
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