

## Finding the optimum – Summer CPD NMSLP 2023

As we use evidence to support development then perhaps considering the recommendations from the recent Ofsted science report “Finding the optimum” is a place to start.

Considering the following recommendations, we have opportunities to support your science team this term:

### Curriculum

“Ensure that all pupils have enough opportunities to take part in high-quality practical work that has a clear purpose in relation to the curriculum. At secondary school, this should include laboratory work, fieldwork, and teacher demonstrations.”

Our series of summer conferences for primary, secondary and technicians will help staff from schools to develop their understanding and skills in delivering effective practical work in schools and the implications for their wider team.

Practical Work Through the Lens of Pedagogy - Secondary Conference (16/6/23)

<https://www.stem.org.uk/cpd/519465/practical-work-through-lens-pedagogy-secondary-conference>

Secondary Science Subject Leader Conference 2023 – Shropshire (29/6/23) Stoke (7/7/23)

**Shropshire** – <https://www.stem.org.uk/cpd/521893/shropshire-secondary-science-subject-leader-conference-2023>

**Stoke** – <https://www.stem.org.uk/cpd/516053/secondary-science-subject-leaders-conference-2023>

Primary Science Conference –Telford (23/6/23), Wolverhampton (26/6/23)

**Telford** – <https://www.stem.org.uk/cpd/521073/primary-science-conference-telford>

**Wolverhampton** – <https://www.stem.org.uk/cpd/521074/primary-science-conference-wolverhampton>

Technician’s conference 2023 – Stoke (12/7/23)

<https://www.stem.org.uk/cpd/519280/technician-conference-2023>

Also from the report “This should not be limited to learning about scientific techniques, data analysis or fair tests. It should include developing their knowledge of all areas of working scientifically, including different types of scientific enquiry, such as pattern seeking, and concepts such as evidence and accuracy.”

Our courses also focus on staff knowledge of working scientifically and in more detail the summer term sessions include:

Developing pupil led investigations – embedding working scientifically in the primary classroom (8/6/23)

<https://www.stem.org.uk/cpd/519166/developing-pupil-led-investigations-%E2%80%93-embedding-working-scientifically-primary-classroom>

### **Pedagogy and assessment:**

“Ensure that appropriate teaching and learning approaches are selected for specific content.”

Making Powerful Connections to Maths and Literacy in the Science Curriculum (15/5/23)

<https://www.stem.org.uk/cpd/515055/making-powerful-connections-maths-and-literacy-science-curriculum>

Key Stage 3 Science for Non-Science Specialists (23/6/23)

<https://www.stem.org.uk/cpd/522061/key-stage-3-science-non-science-specialists>

### **Systems, subject and school level**

“Create a systematic and continuous approach to developing the science expertise of staff and leaders. This should align with the school’s curriculum and take account of any specific needs and expertise.”

Our remote networks ensure staff at every level have access to subject support and development, these can be bespoke for groups local to your area if needed.

(booking links need adding)

Post-16 Remote National Science Network: Teaching and Learning in 2022-2023 (10/5/23)

<https://www.stem.org.uk/cpd/515224/post-16-remote-national-science-network-teaching-and-learning-2022-2023>

Technician network - Summer Term 2023 (9/5/23)

<https://www.stem.org.uk/cpd/513754/technician-network-summer-term-2023>

Primary Science Remote Network - Summer 2 2023 (12/6/23)

<https://www.stem.org.uk/cpd/518186/primary-science-remote-network-summer-2-2023>

Secondary Science Subject Leaders Network - Summer 1 2023 (26/4/23)

<https://www.stem.org.uk/cpd/518191/secondary-science-subject-leaders-network-summer-1-2023>

As we move to the Autumn term we will be considering research on assessment – lookout for the opportunities or get in touch to explore your development needs for 2023/24.