



Primary Science Network Model

What is a primary science network?

A group of schools working together to access Science CPD. This could include sessions just for Science subject leads or it might incorporate science sessions for other staff too. Sessions run as twilights and the majority will be delivered remotely. The primary network sessions for this academic year are based around the Ofsted Research Review that was released recently to maximise the development of science in the primary curriculum.

Why subscribe to a primary science network?

Network membership gives participants access to high quality, facilitator led, subject specific CPD. By collaborating with other schools, we increase the opportunity for sharing expertise and good practice. Science subject leaders have a network of colleagues, all of whom will be facing similar challenges and opportunities, and teachers can learn from each other. There are sometimes further opportunities for participating in particular projects and schools that are already collaborating together are better placed to apply for these (such as Ogden Trust and Enthuse partnerships). There is an option to participate in a computing session run by the National Computing Centre that will bring in a bursary, see details below.



“Throughout our trust, the impact on our science curriculum is clear. By taking part in the network sessions the subject, the pedagogical and the science content knowledge of our staff has been developed, thus enhancing the teaching of the curriculum to our pupils”.

MAT Executive Primary
Headteacher.

“Our science leads have developed their knowledge, skills and confidence throughout the network sessions. The collaboration with other teachers and schools has been invaluable, in developing and moving forward each school’s science curriculum.”

MAT Science Lead.

How is the content determined?

Sessions are being written by STEM Learning and other professional bodies to support the findings of the Ofsted Research Review.

Who attends?

The session can be booked by any member of staff in school that it is relevant for. More than 1 member of staff can attend each session.

Who delivers?

We have a range of experienced and expert facilitators, accredited by STEM Learning. We collaborate with other organisations such as IOP, RSC and STEM Ambassador Hubs.. We are also always looking for new facilitators, so it may be that there are teachers within the network who are interested in being trained as facilitators for future delivery

	Subject Leader Sessions	Subject Knowledge
Autumn 1	Linking Science and English (Part 2)	Introduction to primary computing Or Leading Primary Computing These both bring a bursary that can offset the cost of the primary network
Autumn 2	Rich Contexts for engaging science including STEM Ambassadors	Forces - Teaching the tricky bits and misconceptions (Institute of Physics)
Spring 1	Linking Science and Maths (Part 2)	Space – Teaching the tricky bits and misconceptions (Institute of Physics)
Spring 2	Transition Moving from Year 6 to 7	Materials - Ideas for practical and covering misconceptions (Royal Society of Chemistry)
Summer 1	Assessment (Part 2)	Electricity – Teaching the tricky bits and misconceptions (Institute of Physics)
Summer 2	Practical Science (Face to Face session)	Plants & animals - Teaching the tricky bits and misconceptions

Costs

Primary Package £400 for 11 science sessions

Please see the next page for computer science session details.

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Computer Science Sessions

Option 1: Introduction to primary computing

Suitable for all class teachers

- Understand the computing curriculum, describing a subject rich in knowledge and skill development.
- Develop an understanding of high-quality computing education in the context of your own school.
- Gain practical experience of teaching and learning in computing, including introductory computer programming using popular devices and tools.
- Be confident in the next steps to develop the teaching of computing, supported by a network of peers and a range of high-quality resources.

Duration: Delivered over two 90-minute twilight sessions

Fee: £70 per teacher and brings in a bursary of £220*

Option 2: Leading primary computing

Course for subject leads only or those aspiring to be subject lead.

- Improve the computing curriculum offer in your school and be confident in its purpose and vision.
- Use assessment to better know the strengths of your learners and know how to adapt teaching to support all children.
- Develop a passion for computing in your school through a planned enrichment and extra-curricular offer.
- Know how to resource teaching by you and your colleagues, drawing on quality-assured lesson materials and evidence-based teaching practices
- Be confident in leading the development of others, helping the whole school to inspire in computing

Duration: Delivered over two 3-hour twilight sessions

Fee: £140 per teacher and brings in a bursary of £440*

*Each primary school is eligible to claim the bursary once in the academic year.

Each primary school is eligible to 0.5 day of Subject Matter Expert time for free to provide guidance and support for the computing curriculum development within your school. Please contact the Computing Hub directly on the email below.

