



Northumberland, Tyne and Wear

SCIENCE

LEARNING PARTNERSHIP



**Professional
Development
Offer**

Summer 2022

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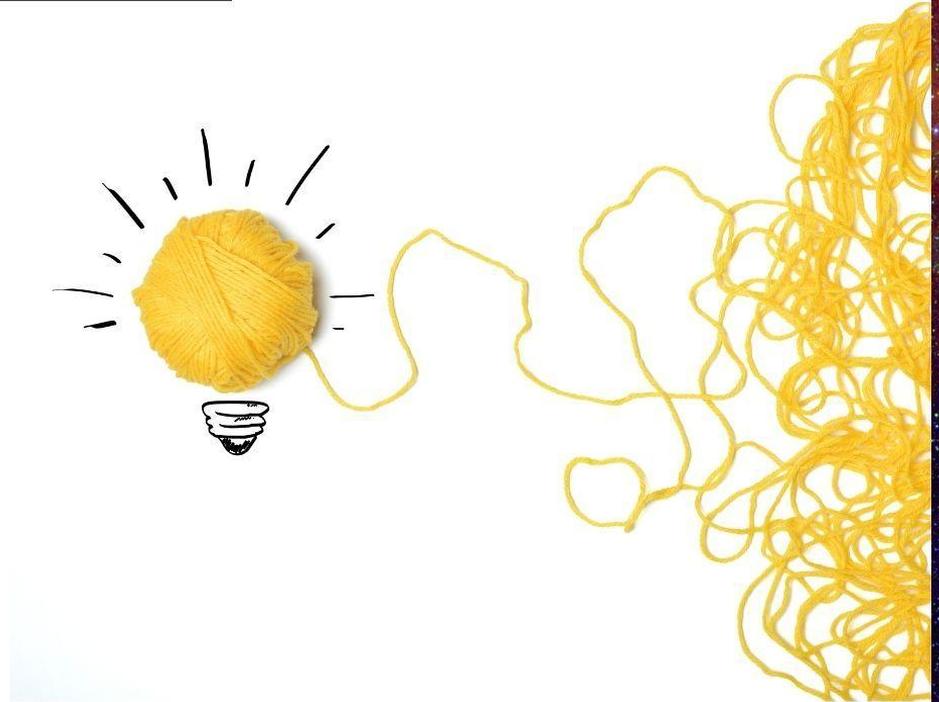
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About Us

Our Science Learning Partnership (SLP) is the result of The National STEM Centre's successful initiative to team up with schools and learning centres around the country to develop a national network of SLPs.

Our SLP works collaboratively with the North Tyneside Learning Trust, forming part of the NTLT STEM Hub. We've been working hard to provide CPD programmes for STEM teachers, technicians and teaching assistants across the North East, and this Spring term we're offering both bespoke programmes of CPD and single courses run for individual staff, departments or clusters.



Our Regional Partners



What's New in Summer '22?

A message from our SLP Lead

Welcome back!

We hope you are ready for a Summer term packed full of CPD from the Northumberland, Tyne & Wear Science Learning Partnership.

In Spring term we listened to your thoughts and have designed a programme tailored to what schools have asked for. Whether that's support for new Science leads, preparing for OFSTED or simply ideas for making your lessons as exciting as possible, we have something for everyone. There will also be plenty of opportunities for networking and meeting like minded colleagues across the region.

As always, none of this would be possible without our amazing facilitators. This term we are super excited to introduce you to some brand new facilitators joining our team. This means, with new expertise, we can offer you an even broader programme.

In Spring, we were able to provide support and CPD for colleagues across the region and even from further away. For this reason, we have decided to continue with a blended model of CPD delivery, with some face-to-face and some remote. This means that location will never be a barrier for you accessing high quality professional development.

We can't wait to see what the Summer term will bring and we can't wait to have you all on board. Please do get in touch if you have any professional development needs; alongside this programme we can also offer bespoke support for individuals, whole staff teams or entire departments.

We can't wait to work with you!

Meet the Team

The Core Team



Laura Tullock, NTLT STEM Hub Lead

Laura is our Trust's STEM Hub lead and has worked in North Tyneside schools for over 15 years. A former Deputy Head, she also leads the Great North Maths Hub. Laura is passionate about STEM subjects and supporting schools to develop an exciting and innovative STEM curriculum, aimed at opening pupils' eyes to the world of STEM careers.

Laura delivers on national programmes, supporting teachers to become leaders of professional development. She has strong beliefs in collaborative models of professional development ensuring teachers, leaders and school staff are connected to each other, to relevant research and to resources and ideas.



Amy Banks, Science Learning Partnership Lead Facilitator

Amy is our Science Lead Practitioner for the Northumberland Tyne & Wear Science Learning Partnership. Amy is also a Specialist Leader of Education (SLE) for Science and a teacher at a school within North Tyneside. Her role involves providing CPD and bespoke support for schools in order to share good practice and improve Science teaching and learning.



Natasha Mohindra, Administrator

Natasha is our administrator, she is responsible for the scheduling of courses, finance and social media. With a background in History, Museums and Heritage the SLP seems like an odd place to be, but she loves every second of working with the SLP and cannot picture herself anywhere else. Natasha previously worked for the Great North Maths Hub and now works two days a week for North Tyneside Learning Trust.

Meet the Team

Welcome our New Facilitators



Laura Dickinson

Laura is also the eLearning Lead Practitioner for North Tyneside Learning Trust and supports all schools with their digital and eLearning needs. Laura runs a number of programmes through our Apple Regional Training Centre alongside the work in Trust Schools. Laura has a keen interest in using technology to inspire our children and young people, helping all learners achieve, regardless of their background.



Nic Jenkins

Hi, my name is Nic, and I have recently qualified as a facilitator. I am based in County Durham but have worked across schools in Tyne and Wear, Durham and Northumberland over the last 14 years. I am a practicing secondary school science teacher, specialising in Chemistry. However I also work with a fantastic group of primary schools, to aid them in developing their primary school science curriculum. I work to develop their schemes of work, working scientifically strands, assessment, resource base and extracurricular provision. I became a facilitator to aid schools to improve Science education at primary and secondary level.



Sarah Sharp

Hi, I'm Sarah, the Reece Foundation-funded Partnerships Maths teacher at The Royal Grammar School, Newcastle. I have been a teacher for 17 years and I have experience of teaching Maths at all levels from KS2 to A Level Maths and Further Maths. As well as teaching at RGS, I spend a lot of time working with students and staff at schools across the North East, offering opportunities for stretch and challenge. I am very keen to help students develop strong problem-solving skills and consider pursuing further study in STEM subjects. My current projects include teaching Level 2 Further Maths, working with AMSP to prepare students for university entrance exams, and running the Bright Sparks programme for more able Y9 students.

Meet the Team

Welcome our New Facilitators



Louise McCombe

My name is Louise McCombe. I have been teaching for 14 years in various positions and schools in the North East and Hong Kong. I strongly believe that learning should be both context and skill based, whilst being lifelong supplying students with the tools to make a difference to local and global communities, no matter what their ability or background. I believe our role as educators should be to put in place a transferable curriculum that allows us to model and nurture a love of learning and to deepen experience which will foster cultural capital and have many years experience doing this within science departments and across school. This allows for students to be inspired to take the leap, challenge themselves and enter the adult world with the confidence to lead, adapt and solve problems. This has allowed for my motto of 'Making a Difference by Making Links' which I feel is at the heart of everything I do as a leader and educator.



Robert Dodd

Hi I'm Rob,

I have been the Assistant Curriculum Leader for Science at John Spence Community High School for the last 5 years and have experience as Curriculum Leader.

I am excited to work alongside colleagues in the SLP to develop our skills as Science educators and achieve the best possible outcomes for our young people!

Meet the Team

Primary Facilitators



Hester Binge

Hester has over 15 years of classroom experience and taught science to all year groups; took on the role of Science Subject Leader and soon found herself as a Science Consultant working with both local authorities and Science Learning Centres to develop materials and training to support teachers in primary science. She has also worked as an independent Science Consultant and now is the director of Education Guru and holds the Senior STEM Facilitator Award and STEM Online Facilitator Mark.



Jane Banham

Senior STEM facilitator for STEM Learning delivering , local, national and residential courses. As a Chartered Science teacher Jane is also delighted to have received the Primary Science Teacher Award and is now a Primary Science Teaching Trust (PSTT) Fellow. An enthusiastic, inspirational and highly experienced science teaching and learning consultant having 30 years experience in the education sector. Jane has worked successfully with a range of individuals, schools, science organisations such as ASE and supports a number of teacher training establishments.



Julia Bourne

Julia is an Associate Facilitator for STEM Learning and an SLE with a specialism in STEM. Julia works as a primary school teacher in North Tyneside where she leads Science and Maths - STEM is something Julia has a real passion for. Julia is also a Fellow of the Primary Science Teaching Trust after being awarded Science Teacher of the Year in 2015 and enjoys working alongside science leads to support science in their school. Julia is particularly interested in working alongside STEM companies and linking science to careers.

Meet the Team

Primary Facilitators

Gemma Robson



Gemma has been a lead facilitator for STEM Learning since 2018, leading a range of bespoke CPD courses across the Northumberland and Tyne and Wear Partnership, both face to face and remotely.

Gemma is a practicing primary school teacher, working within a school in North Tyneside, and as such is very much in touch with the ever changing demands of the primary science curriculum! She was awarded Primary Science Teacher of The Year 2021; working alongside a range of science leaders and teachers to develop the role of science within their schools, including consultancy work and preparation for Ofsted Deep Dives. Gemma's specialisms are in Working Scientifically and in Assessment for Science.

Hannah Osueke



Hi I'm Hannah, I have been a lead facilitator since 2016, I am currently a KS2 class teacher at a school in North Tyneside with direct responsibility for raising whole-school engagement and attainment in Science and STEM. Under my leadership my school has been awarded both the Primary Science Quality Mark Gold and Outreach Award. I have gained a wealth of experience as a Science and STEM Leader through leading CPD and engaging in STEM learning. I have facilitated exciting initiatives such as the Goblin Kit Car project as I am passionate about STEM learning.

In 2018, I was awarded 'Science Teacher of the Year' by the Primary Science Teaching Trust'. Following this, I became a Fellow of the Primary Science Teaching College. In 2019, I was successful in becoming a PSTT Cluster Coordinator and lead five other schools within our local authority. Our cluster aims to support the development of Science teaching and learning.

My specialisms are, Working scientifically, developing literacy and numeracy across the science curriculum and using ICT across the science curriculum.

Meet the Team

Secondary Facilitators



Andy Gray

Andy is currently semi-retired after being a research chemist and then a school science teacher; head of chemistry and science for the last 22 years. However, he continues to work in schools as an advisor, tutoring and marking A level chemistry.

Andy has also facilitated courses for the RSC and Stem centre and worked on some EEF projects. He also teaches the new chemistry teachers on the PGCE course at Newcastle University.



Alan Edmiston

Alan started teaching science in Sunderland in 1991 and soon became involved in CASE and CAME (Cognitive Acceleration projects) which saw him support others to use the materials and the pedagogical approaches. He has taught maths and science across all Key Stages and as a consultant supports a range of schools across the UK and internationally. He is the editor of the Mathematical Associations SEND publication Equals and acts as the SEND work group lead for several maths Hubs.

Currently he is working part-time on a Ph.D investigating small group talk in the KS 3 science classroom. His latest project, supported by Stanley Black and Decker, involves the development of CPD materials to support schools in Uganda.



David Bailey

David is a Senior STEM Facilitator and Senior Evidence Leader of Education - Carmel Research School, he also directs Newham Learning as well as Research and Development within Carmel College.

Meet the Team

Secondary Facilitators



Philip Jones

As Director of Learning of The Birmingham Physics Factory, Philip gained national acclaim for improving the quality of physics teaching. Hundreds of teachers have benefitted from his diligent and thoughtful approach to teaching physics. The wide variety of teachers he works with all testify to his dedication and supportive approach. Above all the students he teaches very soon 'pick up' on his genuine concern for their success in what some perceive to be a difficult and inaccessible subject.



Dorothy Warren

Dorothy started her career as a research chemist and took up teaching in the '90s; working in schools in York and the North East of England both as a teacher and Head of Science. In 2005, Dorothy became a science advisor for North Yorkshire County Council and since then continues to support many schools and science teachers across the North of England and beyond. Currently, she is an Education Improvement Partner for STEM Learning and works closely with the Science Learning Partnerships in the North East. She has been awarded the STEM Learning Senior Facilitator award in recognition of the impact of her work.

Dorothy has been involved in curriculum development projects since 1999 when she was a Royal Society of Chemistry, Teacher Fellow, working on 'Ideas and Evidence. She has also worked on a range of projects with the Nuffield Foundation and the Gatsby Charitable Trust. Dorothy recently led the EEF/Wellcome Trust funded 'Deeper Thinking' project for Carmel Education Trust

Our Summer Provision

Secondary Science Technician Network

21/06/22, 2:30pm-4pm @ George Stephenson High School

This networking meeting is an opportunity for science technicians based in North Tyneside schools to meet with colleagues, share ideas and discuss best practice.

For this meeting we will be joined by Julie Els, Territorial Sales Manager for SLS Select Education and James Ricketts, Technician Lead (North) for the Ogden Trust. James will talk about the work of the Ogden Trust and the support that is available to technicians. Both James and Julie are keen to hear about the challenges facing school technicians, and the areas they can best offer support, so this is a fabulous opportunity to share your thoughts.

[Book Here](#)



Primary CPD

Course Name (click for more info)	Venue	Date and Time(s)	Fee
Science behind Mental Health	TBC	07/06/22, 1pm-4pm	£60
Help! How do we teach sustainability through primary science?	TBC	14/06/22, 1pm-4pm	£60
Practical Graphing in Primary	TBC	20/06/22, 1pm-4pm	£60
Developing Data Logging across the Primary Curriculum	King Edwards Primary School	28/06/22, 1pm-4pm	£60
Introducing Working Scientifically	TBC	05/07/22, 9:30am-3:30pm	£185

Working Scientifically in the Outdoor Classroom

(Suitable for Primary, Middle and Secondary)

16/05/22, 9am-3pm @ Middleton North Farm
£185 per delegate

This full day practical outdoor course will be held at Middleton North Estate.

The day will immerse you in the outdoor classroom and will act as a vehicle to improve your own knowledge and how you can apply this within your own classroom. This very practical course will develop, and improve, your understanding of the key concepts within biology, science and scientific enquiry, covering many aspects of ecology and environmental science.

Please note that this course is suitable for all participants, regardless of the amount of outdoor space or grounds you have in your own school. There is no expectation that schools have large 'Forest School' type areas to participate in this course.

[Book Here](#)



Secondary CPD

Course Name (click for more info)	Venue	Date and Time(s)	Fee
Leading on Secondary Science Curriculum Design	Remote, Zoom	15/06/22, 22/06/22 & 06/07/22 4pm-5pm	£100
Stretch and Challenge of Pupils in Science	TBC	23/06/22, 9am-12pm	£95
Developing Pupils' Mathematical Skills in Secondary Science	TBC	30/06/22, 1pm-4pm	£60
Integrating climate change into the secondary curriculum	TBC	01/07/22, 9am-3pm	£185
Linking your STEM curriculum to careers	TBC	04/07/22, 1:30pm-4pm	£60
Chemistry for Non specialists	TBC	04/07/22, 9am-3pm	£185
Strengthening Practical Work in Physics	NE Futures	05/07/2022, 9am-3pm	£185

North Tyneside Transition Project

(Suitable for Primary, Middle and Secondary)

23/05/22, 3:30pm-5pm @ Marden High School

Join us to discuss how we can work together across the phases to upskill our pupils and better prepare them for the demands of the secondary science curriculum. We will collaborate on a project that will address gaps that have formed due to the pandemic and make the transition from Year 6 to 7 smoother.

This first session is an introduction to how we can work together over the coming weeks & in future years too.

Open to all schools in North Tyneside

[Book Here](#)

Post 16 CPD

Course Name (click for more info)	Venue	Date and Time(s)	Fee
Teaching A Level Physics for the first time	Remote, Zoom	12/07/22, 9am-3pm	£185



CLEAPSS CPD

Course Name (click for more info)	Venue	Date and Time(s)	Fee
CLEAPSS: Radiation Protection Supervisor Training	Monkseaton High School	29/06/22, 9am-4pm	£140



Please note

All participants should be CLEAPSS members. If unsure, please call 01895 25496 to check your membership status.
The fee for non-members is £280.00

Cancellation Policy

2022

Northumberland Tyne and Wear SLP

Please note,

Cancellation of any booking within 21 days of the course start date, or failure to attend a course without notice of an acceptable reason**, will result in your school being invoiced for the cost of the booked place.

If you have any concerns and wish to express an acceptable reason for a cancellation or an absenteeism, please contact the relevant SLP admin.

***It is up to the discretion of each individual Science Partnership what is determined to be an acceptable reason for non-attendance.*

Thank you for your understanding.

Offers and Opportunities

Bespoke School Support

Schools can contact our lead facilitator, Amy, to schedule an initial conversation to identify your schools needs and priorities before arranging the best suited support from one of wonderful facilitators. This can range from whole staff training, a series of after school meetings or even one to one coaching depending on the needs of your school.

Hosting a course

Schools across the North East can sign up to host an SLP course and it is a great way to get your staff free training. Your school is eligible to send 2 delegates on the CPD course in return for providing the venue, you can also receive funding for catering costs. Please contact our Administrator, Natasha, for more info.

Funding Queries?

Contact our lead facilitator, Amy, to discuss currently available funding options.

Keep up to Date

For queries regarding bespoke CPD, school support and professional development contact [Amy Banks](#)

For queries relating to advertised courses, bookings and invoices contact [Natasha Mohindra](#)

Find us on Twitter [@NTLT_ScienceLP](#)

Are you a member of North Tyneside Learning Trust? Check out the [opportunities page](#) for anything you may have missed.