

New Teacher Subject Days

2020/21



Subject enrichment and subject pedagogy
for those in their first few years of teaching

www.ptieducation.org

NTSD topics 2020/21

Biology

- Membranes, transport and the kidneys
- Nerves and hormones
- Plants and photosynthesis
- Immune system and immunity

Chemistry

- Thermodynamics
- Rates and equilibria
- REDOX and electrochemistry
- Chemical analysis

Physics

- Electricity: visualising the invisible
- Exploring forces and motions
- Waves: the energy transfers at the heart of physics
- Nuclear physics

English

- The Gothic
- The Romantics
- Shakespeare's comedies
- Modern poetry

Geography

- Climate change and glaciation
- Weather, climate and ecosystems
- Changing places and fieldwork
- Population and migration

History

- Rise of extremism: Europe after WWI
- The world turned upside down: Tudor and Stuart upheaval
- Medicine through time; warfare
- A world divided: The Cold War and Vietnam

Maths

- Fractions, decimals, percentages, ratio and proportion
- Coordinate geometry
- Angle reasoning & trigonometry
- Algebraic manipulation

French

- Le cinéma
- La musique
- L'histoire et les actualités
- Une région et l'art

Spanish

- Suprimamos el inglés del aula; Frida Kahlo
- El cine de Guillermo del Toro; Cuba
- La guerra civil española; Poesía
- El rap español y la inmigración

Course information

New Teacher Subject Days are specifically designed for those in their first few years of teaching. This course offers subject knowledge enhancement and teaching strategies, insight into the latest academic thinking and access to a wealth of resources.

This course of four Saturdays:

- Is developed by experienced teachers, ensuring relevance to the curriculum
- Is centred on pedagogical approaches and practical applications of your subject
- Features speakers from leading universities to enhance subject knowledge with the latest academic thinking
- Provides new teachers with a network of peers and experienced teachers

New Teacher Certificate

Teachers who attend all four days and complete quality Learning Resource Assignments will be eligible to receive the PTI New Teacher Certificate, a personal accreditation recognising the development of specialist subject knowledge.

What teachers say

97% of participants say that the course will have an impact on their pupils

93% of participants state that the course will make them a better teacher

89% of participants' heads of department agree that the course will have an impact on the quality of teaching and students' learning

100% of participants' headteachers would recommend New Teacher Subject Days to colleagues

Why invest in developing new teachers' subject knowledge?

Improve student outcomes – there is strong evidence to support that deep subject knowledge impacts student outcomes.

"The most effective teachers have deep knowledge of the subjects they teach" The Sutton Trust, 2014

Inspire effective teaching – high-quality CPD for teachers has a significant effect on pupils' learning outcomes.

"There is good evidence that high-quality professional development (CPD) for teachers can significantly improve pupils' attainment." Education Policy Institute, 2020

Tried & tested CPD – now entering their 9th year, New Teacher Subject Days have consistently achieved fantastic feedback from participants and their schools.

"Our NQT has been able to reflect on different approaches to teaching and learning, which has fed into her practice. She shares ideas and resources from the course, and has had an injection of enthusiasm that is felt by the whole team." Head of Department

Resource sharing

The Learning Resource Assignment

As well as gaining resources from each day, participants will devise, produce and implement an imaginative resource of their own which is linked to a topic they have explored on the New Teacher Subject Days course. On the final day of the course, participants share their unique resources and their experiences of using them in the classroom.

These resources are made available to participants electronically, and are also intended to be useful within participants' departments. The Learning Resource Assignment (LRA) can contribute to the core standards portfolio of evidence for NQTs.

Participants are also given access to the thousands of resources in the PTI's online Staffroom, normally only available to affiliated PTI members.

To find out more about the structure and content of these courses, please visit www.ptieducation.org/events.



"The speakers were engaging, incredibly knowledgeable and paused to give practical teaching applications across a wide breadth of year groups."
Attendee, 2020

"Very good speakers and teachers, well constructed workshops with engaging content and resources."
Attendee, 2020





For teachers by teachers

The course is designed and led by practising teachers, ensuring that the academic material is grounded in successful classroom practice.



Rhea Somerfield – History

"PTI History New Teacher Subject Days combine lectures from the best academics in popular areas of KS3-KS5 study with exciting and innovative methods of teaching. New teachers are supported to deliver relevant and engaging lessons that will challenge students of all ages and abilities, helping them to better understand the world around them."

Holyhead School



Gareth Davies – English

"We have designed these days to support your teaching of familiar but challenging aspects of the curriculum and to broaden your teaching repertoire. Our speakers bring a wealth of experience, expertise and enthusiasm and you will leave each day with practical classroom materials and renewed passion for the subject. We look forward to working with you on these wonderful days!"

Coloma Convent Girls' School



Danny Clift – Chemistry

"These days are designed to take you through the building blocks of the subject in order that your understanding of the underlying principles of chemistry is firmly in place. Our explorations will ensure you can see how chemistry, rather than being a series of disconnected areas of study, becomes a holistic subject tied together by a set of core principles."

St Angela's Ursuline School

Locations, dates and details

The course runs over four Saturdays and will run subject to minimum numbers.

London	Birmingham	Manchester
Pimlico Academy	Bishop Challoner Catholic College	Altrincham Girls' Grammar School
SW1V 3AT	B14 7EG	WA14 2NL

London	Birmingham	Manchester
Sat 16th Jan 2021	Sat 23rd Jan 2021	Sat 23rd Jan 2021
Sat 6th Feb 2021	Sat 27th Feb 2021	Sat 27th Feb 2021
Sat 6th Mar 2021	Sat 20th Mar 2021	Sat 20th Mar 2021
Sat 24th Apr 2021	Sat 15th May 2021	Sat 8th May 2021

Cost:

PTI Unlimited schools - places included in your annual membership fee

PTI members - £465+VAT per teacher

Non-members - £545+VAT per teacher

The cost covers the full course of four Saturdays, including all course materials, lunch and refreshments

Eligibility:

Courses are recommended for secondary in-school teacher trainees (e.g. Teach First, School Direct), NQTs and RQTs in their first few years of teaching. We also welcome those returning to the profession. Please note that the courses are designed for subject specialists, though non-specialists are encouraged to contact us to discuss suitability. Topics have changed since last year, so those teachers who want to attend again are welcome to do so.

Enquiries:

Please email subjectdays@ptieducation.org or call 020 3174 2081

Bookings can be made via our website: www.ptieducation.org/events



**INSPIRING TEACHERS
CHANGING LIVES**

For enquiries please contact ptioffice@ptieducation.org or call us on 020 3174 3106

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