

Suffolk & Norfolk School Centred Initial Teacher Training

High quality teacher training in local schools



Science Enhancement Courses 2017

Do you worry that your own knowledge of Physics, Chemistry or Biology isn't as strong as you would like? Would you feel out of your depth if asked to teach some aspects of Science to Secondary pupils? Do you just need to brush up on your knowledge and understanding of key scientific concepts and topics?

Suffolk and Norfolk Initial Teacher Training offers you the opportunity to improve your Science Subject Knowledge this summer whether you are a potential trainee, serving teacher, have a support role in school or just want to find out more about the Science curriculum.

Each training day targets key knowledge and understanding for teaching or supporting lessons in Physics, Chemistry and Biology. The sessions will be lively, interactive and practical with many activities and strategies that can be taken back into the classroom.

'It was brilliant...'

'Many examples of good practical experiments to do in class.'
(Previous delegates)

Science Subject Knowledge Enhancement KS3 programme, 2017

Science Area	Physics - will cover key principles underpinning KS3
Date	Monday 17th July and Tuesday 18th July <u>am only</u>
Content	The two physics sessions will cover the key principles underpinning KS3 Physics. This will include electricity, energy, forces and light. There will be opportunities for hands on experience in using key equipment and reviewing how to carry out common demonstrations and experiments used in the classroom.
Venue	Notre Dame High School, Surrey Street, Norwich NR1 3PB
Trainer	Alan Denton

Science Area	Biology - will cover key principles underpinning KS3
Date	Tuesday 18th July <u>pm only</u> and Wednesday 19th July
Content	The two Biology sessions will cover key principles underpinning KS3 Biology. This will include cells and aspects of microscopy, organ systems with emphasis on the respiratory, circulatory, and digestive systems. The role of plants will be covered as producers in the food chain and how they manufacture food during photosynthesis. There will be practical experiences throughout including dissections.
Venue	Notre Dame High School, Surrey Street, Norwich NR1 3PB
Trainer	Sarah Bird

Science Area	Chemistry - will cover key principles underpinning KS3
Date	Thursday 20th July and Friday 21st July <u>am only</u>
Content	The two chemistry sessions will cover the key principles underpinning KS3 Chemistry. Participants will start with particles and explore how early scientists first suggested these theories. A clear picture of elements, compounds and mixtures will lead delegates to start to develop an understanding of chemical change. Moving on to chemical reactions participants will explore the chemistry of acids. They will also have the opportunity to look at how exciting demonstrations can be carried out safely.
Venue	Copleston High School, Copleston Road, Ipswich Suffolk, IP4 5HD
Trainer	Steve Ramsey

Course times:

All courses begin at 9:30 and end at 16:00

Tea and coffee will be provided on arrival, at morning and lunch break but course attendees will need to make their own arrangements for lunch

Cost:

Suffolk & Norfolk ITT trainees: no charge

Self-funded delegates: £90 per day, £50 per half day or £350 for all 4.5 days

Staff in Suffolk & Norfolk maintained Schools: £80 per day, £45 per half day or £310 for all 4.5 days

- schools will need to meet any supply costs to release staff
- schools may reimburse attendees for travel costs at their discretion
- Should any delegate register for a course and then not attend, they will be liable for the full cost but a substitution may be made at no extra charge

Course Tutors

Alan Denton

Alan was the head of science and physics at a large school in Bury St Edmunds. He is now a science-specialist teacher trainer working for schools, universities, the Science Learning Network and the Institute of Physics throughout East Anglia and further afield.

Sarah Bird

Sarah Bird is an ex-SCITT student and is currently Head of Biology at Notre Dame High School. Sarah is an experienced ITT mentor and leads the Biology Subject Knowledge training for SCITT as well as CPD on differentiation, literacy and creativity in the classroom.

Steven Ramsey

Steve is lead Practitioner of Science at Copleston High School and has been teaching in Chemistry and Physics in Suffolk for 17 years. An experienced SCITT and PGCE mentor he has been working with SCITT for the last six years.

Booking details:

To book a place on these courses and find out information about car parking and other arrangements, please email: scitt.admin@suffolk.gov.uk or call us on 01473 265077.



Suffolk & Norfolk School Centred Initial Teacher Training (SCITT) incorporates Primary SCITT Tuition and Salaried, Secondary SCITT Tuition and Salaried and an Assessment Only Route. Suffolk and Norfolk SCITT has gained a growing reputation as a high quality training provider. Recent Ofsted Inspections judged many aspects of training to be Outstanding.