



Science

training courses

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Using iPads in the Science Classroom

A chance to explore a range of ways in which iPads can be used to develop learning in science

Course reference: 8288ZSS **Price:** £299+VAT **Timings:** 10am - 4pm

Technology is central to our students' lives. This hands on course will explore ways to effectively use mobile devices in the science classroom to increase motivation, achievement and improve the teaching and learning experience. This course will also equip you with the knowledge and skills to effectively use mobile devices to improve teaching and learning outcomes.

Course content

- Explore the use of iPads and using free science applications
- Develop confidence in using iPads to engage students and enhance teaching and learning
- Create useful resources that are ready to use in the science classroom
- Explore the benefits of using digital assessment methods
- Manage the use of iPads in the science classroom

Course dates

We run courses in 11 cities across the country

[view dates](#)

Suitable for

All teachers and heads of science who wish to embrace the opportunities that mobile technologies offer.

“

99% of delegates rate our courses as 'Good' or 'Outstanding'

”

Call: 0800 881 8185 | www.creativeeducation.co.uk/8288 | Fax: 020 7190 5853

Working as a Technician in the Science Lab

Enabling you to add real value to science lessons as well as helping them run smoothly

Course reference: 8049ZSS **Price:** £299+VAT **Timings:** 10am - 4pm

Effective science technicians are crucial to the smooth running of chemistry, biology, physics or general science lessons. Working with our experienced course leader you will develop knowledge, skills and strategies which will enable you to add real value to science lessons and contribute to their smooth running. This course is suitable for all science technicians and teaching assistants.

Course content

- Overview of scientific terminology, common pitfalls and sources of further information
- Planning and supporting learning activities in science
- Health and safety in practical lessons
- Behaviour management in the science lab
- Personal development plan

Course dates

We run courses in 11 cities across the country

[view dates](#)

Suitable for

Science technicians, working in schools of any type, who are keen to optimise their performance and enhance their skills.

“

Great content, a lot of ideas to take back and use.

Adam Hutchinson

”

Call: 0800 881 8185 | www.creativeeducation.co.uk/8049 | Fax: 020 7190 5853

Health and Safety in the Science Laboratory

Taking the risk out of exciting practicals in the science lab

Course reference: 6882ZSS **Price:** £299+VAT **Timings:** 10am - 4pm

This course is designed for technicians and teachers who work in laboratories. It will provide an essential introduction to individual responsibilities under health and safety law, as well as COSHH, controlling hazards in a laboratory environment and assessing risk. It will give you the knowledge and confidence to tackle even the most demanding practicals.

Course content

- Understanding the law and your responsibilities
- Controlling hazardous substances in the lab (COSHH)
- Assessing and managing risk
- Implementing strategies for preventing common accidents
- Carrying and lifting safely in the lab
- Making your lab safer – personal action plan

Course dates

We run courses in 11 cities across the country

[view dates](#)

Suitable for

Science teachers, technicians and support staff who want to ensure that rigorous health and safety procedures are implemented in the school science laboratories.

“ *A good course with useful and relevant content presented in a professional yet light hearted manner! Excellent!* ”

Lucinda Emery - Bournemouth & Poole College

Call: 0800 881 8185 | www.creativeeducation.co.uk/6882 | Fax: 020 7190 5853

Outstanding Learning and Progress in Science

Going one step further to deliver lessons that your students and Ofsted will love in science

Course reference: 8029ZSS **Price:** £299+VAT **Timings:** 10am - 4pm

Teaching outstanding lessons is an aspiration that all teachers share. This course will show you how to deliver outstanding lessons, making them highly successful and engaging for your students. Along the way you will really get under the skin of what Ofsted deem outstanding in science and hone your teaching skills in order to teach great lessons consistently.

Course content

- Understand what it means for learning to be outstanding in science according to Ofsted and how close you are to achieving it
- Develop pupil-centred strategies to ensure you build positive relationships with your learners so outstanding learning can take place
- Explore ideas, resources, techniques, and models of excellent practice to support outstanding learning and progress in science
- Robustly monitor your students' achievement and set meaningful targets to maximise progress in science

Course dates

We run courses in 11 cities across the country

[view dates](#)

Suitable for

Science teachers and leaders aiming to maximise teaching and learning of students at key stages 3 & 4.

“ *Wonderful ideas provided to deliver outstanding lessons.* ”

Usha Koshal - Akeley Wood Senior School

Call: 0800 881 8185 | www.creativeeducation.co.uk/8029 | Fax: 020 7190 5853

Leading a Successful Science Department

The essential skills and techniques for leading an outstanding science department

Course reference: 8028ZSS **Price:** £299+VAT **Timings:** 10am - 4pm

Heads of department and curriculum leaders working in schools and colleges carry out a critical role in the management of schools and learning. The DfE has rightly championed the role and formalised the standards that those carrying it out should reach. This course aims to give you practical advice that will enable you to ensure that your science department is playing a full part in transforming learning and teaching in your school.

Course content

- Understand what it means for leadership and management in science to be successful according to Ofsted
- Learn how to truly lead the learning in science creating an environment and curriculum that supports outstanding learning and progress
- Develop pupil-centred strategies to ensure you can engage your learners to maximise student achievement
- Motivate and manage your colleagues effectively, developing them into a strong teaching team

Course dates

We run courses in 11 cities across the country

[view dates](#)

Suitable for

Secondary school subject leaders and aspiring science subject leaders looking for new ideas for leading and managing a successful science department that will drive outstanding levels of learning.

“

A thoroughly fantastic day with lots of useful, achievable ideas.

Sarah Keepence

”

Call: 0800 881 8185 | www.creativeeducation.co.uk/8028 | Fax: 020 7190 5853

Aspiring to the Role of Head of Science

How to prepare yourself to become the leader of a successful science department

Course reference: 7881ZSS **Price:** £299+VAT **Timings:** 10am - 4pm

Aspiring to be head of science or second in department? This wide-ranging course has been designed to prepare you for your new responsibilities. Tone up your leadership skills, strengthen your curriculum planning and learn how to build the foundations of an outstanding department.

Course content

- Working with the team: creating a shared vision
- Identifying key priorities for development
- Providing direction, vision and support for staff
- Promoting effective teaching and learning
- Effective organisation and administration of the department
- Inducting and mentoring new staff
- Maximising your potential – ways to stretch and challenge yourself

Course dates

We run courses in 11 cities across the country

[view dates](#)

Suitable for

New and aspiring heads of science who want to develop the skills and knowledge to run the department effectively.

“

I found the course gave me a lot of new ideas to think about when I move forward in my career.

Kirsty McQueen - Moorside High School

”

Call: 0800 881 8185 | www.creativeeducation.co.uk/7881 | Fax: 020 7190 5853

Stretching More Able Students in Science

Highly effective strategies to improve the achievement and progress of more able students in high ability and mixed ability groups

Course reference: 7827ZSS **Price:** £299+VAT **Timings:** 10am - 4pm

This course is essential for both new and experienced science teachers who are looking to support their most able students in attaining outstanding learning and progress in both mixed ability and high ability groups. Heads of department and other middle leaders will also benefit, as will teaching assistants assigned to support the learning of your most able students in science.

Course content

- Plan effective, differentiated science lessons that challenge your most able learners
- Devise extension activities that combine both breadth and depth
- Develop personal learning and thinking skills
- Support able learners through classroom talk and questioning
- Set high expectations and monitor progress through effective assessment
- Tackle the underachievement of more able students
- Enrich learning outside the classroom with some engaging and practical ideas

Call: 0800 881 8185 | www.creativeeducation.co.uk/7827 | Fax: 020 7190 5853

Course dates

We run courses in 11 cities across the country

[view dates](#)

Suitable for

Science teachers and heads of department hoping to maximise the achievement of gifted and talented students at KS3 and 4.

“ *Very useful, lots of ideas to go back to school with. I feel inspired to make changes.*

Clare Hunter - Saint Paul's Catholic School

”

SEN in the Science Laboratory

Making science lessons more accessible and meaningful for students with special educational needs

Course reference: 7769ZSS **Price:** £299+VAT **Timings:** 10am - 4pm

Teachers and teaching assistants aiming to make science lessons more accessible for students with special educational needs will benefit from this course. An overview of the range of needs of SEN students will be given and strategies offered for adapting science lessons to meet these needs.

Course content

- SEN overview: the diverse needs of SEN learners
- Creating science schemes of work that address the needs of every learner
- Setting achievable, motivational and challenging targets
- Monitoring and assessment
- Adapting teaching and learning strategies to address the needs of SEN learners
- The important role of support staff

Call: 0800 881 8185 | www.creativeeducation.co.uk/7769 | Fax: 020 7190 5853

Course dates

We run courses in 11 cities across the country

[view dates](#)

Suitable for

Science teachers, support staff and heads of department in UK secondary schools who want to ensure that science lessons are accessible and engaging for students with SEN.

“ *Useful tips and ideas to implement into classroom and department. Ensures you have the correct things in place.*

Michelle Frankland - Ridgeway High School

”

Maximising Progress in Science Through Assessment for Learning

Practical formative assessment tools that can have a dramatic impact in the science classroom

Course reference: 7647ZSS **Price:** £299+VAT **Timings:** 10am - 4pm

The effective use of formative assessment is an area often cited in science as one requiring improvement. This course examines strategies for using AfL to ensure that while progress is maximised, students are engaged and motivated and involved in celebrating their own achievements. It is suitable for anyone involved in teaching science.

Course content

- Using baseline data in KS3
- The positive impact of AfL in your science department
- Embedding assessment into your schemes of work, lesson planning and marking
- Developing clear learning outcomes and setting effective targets
- Providing effective feedback to motivate and raise achievement
- The importance of peer assessment and self-assessment

Course dates

We run courses in 11 cities across the country

[view dates](#)

Suitable for

Science teachers and heads of department in UK secondary schools and FE colleges keen to enhance progress by embedding AfL into the curriculum.

“

This has been one of the most useful courses I've been to in a long time.

Rachel Jackson - Rainford High Technology College

”

Call: 0800 881 8185 | www.creativeeducation.co.uk/7647 | Fax: 020 7190 5853

Successful Behaviour Management in the Science Laboratory

Exploring behaviour management strategies that have made a positive difference in the classroom

Course reference: 7384ZSS **Price:** £299+VAT **Timings:** 10am - 4pm

Achieving effective learning in science lessons is not getting any easier! This course explores a range of behaviour management strategies that teachers have found to make a positive difference.

Course content

- Ensuring that science is 'special'
- Establishing and maintaining the ethos
- The laboratory rules
- Laboratory organisation, seating plans, entering and leaving
- Effective use of rewards and sanctions
- Planning the teaching and learning
- Catering to preferred learning styles

Course dates

We run courses in 11 cities across the country

[view dates](#)

Suitable for

Science teachers and support staff who want to encourage positive behaviour in science lessons.

“

Excellent course. Re-assuring to know there are others in the same boat. Great teacher.

Cathy Chinn - The Toynbee School

”

Call: 0800 881 8185 | www.creativeeducation.co.uk/7384 | Fax: 020 7190 5853

The Outstanding Newly or Recently Qualified Science Teacher

Practical strategies and ideas to enable you to become a strong member of the science department

Course reference: 7645ZSS **Price:** £299+VAT **Timings:** 10am - 4pm

Ignore the horror stories. Most of the time, teaching is a wonderful and fulfilling job – but those first few years there is a steep learning curve and you'll need a lot of support. This motivational one day course is full of practical ideas to help you address the many concerns of the early years in the job – work-life balance, behaviour, finding your niche – so you can be free to inspire your students and develop into an outstanding teacher.

Course content

- Establish yourself quickly in your new role and forge strong relationships with your colleagues
- Develop positive, pupil-centred strategies to tackle poor behaviour in the classroom
- Understand what it means for learning to be outstanding in science according to Ofsted and how your teaching can aspire to this
- Plan successfully for your future, identifying appropriate development opportunities to help you continually improve

Course dates

We run courses in 11 cities across the country

[view dates](#)

Suitable for

Newly qualified science teachers looking for inspiration and support in their role in UK secondary or special schools.

“*Thank you, really helpful and have come away with lots of practical advice and tips.*

Holly Walker - Kingsmead Community School

”

Call: 0800 881 8185 | www.creativeeducation.co.uk/7645 | Fax: 020 7190 5853

Physics for the Non-Physicist at Key Stage 3 and 4

How the non-physicist can get to grips with the most challenging physics topics that they need to teach

Course reference: 7378ZSS **Price:** £299+VAT **Timings:** 10am - 4pm

A tailor-made course for non-specialist teachers aimed at developing a deeper understanding of the more difficult concepts in physics and building greater confidence for teaching the key stage 3 and key stage 4 physics topics. Participants will be asked to identify topics of concern by completing a questionnaire in advance of the course.

Course content

- Aspects of physics that students find difficult
- The importance of practical physics
- Improving examination performance
- Clinic sessions

Course dates

We run courses in 11 cities across the country

[view dates](#)

Suitable for

Non-specialist teachers responsible for teaching key stage 3 or 4 physics who want to build on their skills, knowledge and confidence.

“*Very informative, lots of practical ideas to take back to the classroom.*

Rhys Williams - Ysgol Emrys ap Iwan

”

Call: 0800 881 8185 | www.creativeeducation.co.uk/7378 | Fax: 020 7190 5853

Outstanding Learning in the New Primary Science Curriculum

How science teaching and assessment will change under the new programmes of study

Course reference: 1158ZSS **Price:** £269+VAT **Timings:** 10am - 4pm

With a new National Curriculum, tougher Ofsted inspection regime, and ever increasing floor targets getting teaching to outstanding has never been harder – or more important. This practical course looks to cut through the hype and examine what it takes to deliver lessons that achieve outstanding learning and progress in primary science.

Course content

- What is required for outstanding learning and progress in science
- Discover the key differences and new expectations in the revised science curriculum
- The concept of 'core knowledge' and how to develop an outstanding science curriculum with the Programmes of Study at its heart
- Proven techniques to adapt existing lesson plans and schemes of work to meet Ofsted and National Curriculum requirements
- Assess accurately and monitor progress effectively in science with National Curriculum levels no longer obligatory

Course dates

We run courses in 11 cities across the country

[view dates](#)

Suitable for

Subject leaders and teachers.

“

One of the best courses I have been on in 5 years of teachings. Thank you for all the new ideas.

Aisha Khan - St Clare's Catholic Primary School

”

Call: 0800 881 8185 | www.creativeeducation.co.uk/1158 | Fax: 020 7190 5853

Teaching the New Secondary Curriculum in Science with Confidence and Creativity

How science teaching and assessment will change under the new curriculum

Course reference: 8223ZSS **Price:** £299+VAT **Timings:** 10am - 4pm

Much ink has been spilled on the changes to National Curriculum teaching and assessment. This practical course will cut through the hype and completely prepare you for what these changes actually mean in terms of secondary science teaching.

Course content

- The key differences and new expectations in the revised science curriculum
- Developing an exciting and engaging science curriculum with the Programmes of Study and 'core knowledge' at its heart
- Using proven techniques to adapt existing lesson plans and schemes of work to meet the new curriculum requirements
- How to provide effective progression between key stages - skills to cope with GCSE requirements
- Assessing accurately and monitoring progress effectively

Course dates

We run courses in 11 cities across the country

[view dates](#)

Suitable for

Science teachers and leaders in UK secondary schools who want to develop and implement engaging schemes of work in line with the new curriculum.

“

99% of delegates rate our courses as 'Good' or 'Outstanding'

”

Call: 0800 881 8185 | www.creativeeducation.co.uk/8223 | Fax: 020 7190 5853

Ensuring Challenge in the 'Top Set' Science Classroom

Practical strategies to stretch your highest attaining students

Course reference: 8253ZSS **Price:** £299+VAT **Timings:** 10am - 4pm

Recent studies have shown that many able students are not challenged enough in all subjects – and science is no exception. This course will explore a range of approaches to add depth, breadth and pace to your top set science lessons to stretch and challenge even your most able students.

Course content

- Develop extended speaking and writing about the processes within science, explanations, cause and effect relationships
- Extend thinking about 'events', 'processes' and 'concepts' within science and as part of a process that occurs all around us
- Challenge students with and prepare students for, higher grade style exam questions which require higher order thinking
- Enable students to think like a scientist, to develop information handling skills, to master research and reading skills, to summarise and distil key ideas, and to use appropriate scientific terminology
- Encourage and support independent learning in science

Course dates

We run courses in 11 cities across the country

[view dates](#)

Suitable for

Science teachers and heads of department who want to ensure that top set students are appropriately stretched and challenged.

“

99% of delegates rate our courses as 'Good' or 'Outstanding'

”

Call: 0800 881 8185 | www.creativeeducation.co.uk/8253 | Fax: 020 7190 5853

Maximising Progress by Differentiating in Science

Practical approaches to raising standards of achievement by effective differentiation

Course reference: 8268ZSS **Price:** £299+VAT **Timings:** 10am - 4pm

Effective differentiation is key to enabling every student to reach their potential in the science classroom. This course explores practical approaches to creating differentiated schemes of work and lesson plans, enabling you to engage, motivate and stretch every member of the class.

Course content

- Use differentiation as a tool to maximise enjoyment and achievement
- Effectively assess the needs of students of different abilities and bridge the gap between those abilities
- Provide an engaging and supportive learning environment through a range of different strategies
- Develop resources and strategies for planning differentiated schemes of work in science

Course dates

We run courses in 11 cities across the country

[view dates](#)

Suitable for

Teachers and subject leaders of science looking for new ideas for creating a differentiated, engaging and motivational learning environment that will drive outstanding levels of learning.

“

Lots of useful tips. The course leader was great. Practical ideas to use in the classroom.

Alice Masson, Hurstpierpoint Senior College

”

Call: 0800 881 8185 | www.creativeeducation.co.uk/8268 | Fax: 020 7190 5853



Maximising Progress in the New A Level Biology

Supporting students to meet and exceed target grades

Course reference: 8300 **Price:** £299+VAT **Timings:** 10am - 4pm

This course explores strategies to support all A level biology students in making excellent progress in their studies. The new specifications present an ideal opportunity to apply proven and well-exemplified methods to ensure examination success. The teaching and learning approaches are practical and easy to implement and will ensure that you are prepared for the changes.

Course content

- Introduce teaching and learning approaches that make progress and differentiation explicit
- Promote independent learning in A level biology students
- Examine resources to develop data analysis skills which can be immediately used in the classroom
- Embed revision into the scheme of work to improve success in linear examinations
- Use examination style questions in a variety of ways to ensure your students progress
- Explore ideas to motivate students to make progress

Call: 0800 881 8185 | www.creativeeducation.co.uk/8300 | Fax: 020 7190 5853

Course dates

We run courses in 11 cities across the country

[view dates](#)

Suitable for

This course is aimed at new and experienced teachers of A level biology as well as heads of biology.

“

99% of delegates rate our courses as 'Good' or 'Outstanding'

”

Outstanding Teaching at BTEC Applied Science Level 3

Creative ideas for teachers of BTEC Nationals

Course reference: 8261ZSS **Price:** £299+VAT **Timings:** 10am - 4pm

BTEC vocational courses in applied science have the potential to develop essential employability skills of independent learning, enquiry and critical evaluation. This course will give you practical ideas to enhance the vocational elements of BTEC applied science and also differentiate planning and assessment to provide outstanding assignments to challenge and engage all students.

Course content

- Develop creative methods of planning effective assessments, assignments, and the curriculum – focusing on making the vocational elements work
- Use the criteria to effectively differentiate - stretching and challenging all your students
- Develop effective and timely feedback to maximise student motivation and establish rigorous target setting
- Encourage skills of independent learning and enquiry and preparing your students for employment

Call: 0800 881 8185 | www.creativeeducation.co.uk/8261 | Fax: 020 7190 5853

Course dates

We run courses in 11 cities across the country

[view dates](#)

Suitable for

BTEC level 3 applied science teachers, curriculum managers or co-ordinators who wish to develop creative and effective approaches to outstanding provision.

“

A proactive, practical course which generated useful ideas to take forward, whilst allowing communication with colleagues.

Karin Montgomery - Ashton Under Lyme Sixth Form College

”

Outstanding Teaching for the BTEC First in Applied Science

Be confident in teaching the new specification

Course reference: 8090ZSS **Price:** £299+VAT **Timings:** 10am - 4pm

Get to grips with the new specification and learn the tricks to delivering outstanding vocational learning in your school. You will explore ways of developing high impact assignments, stress free assessments and explore a range of teaching methods which will help students become more employable.

Course content

- Implement the updates on the new generation of BTECs
- Ensure the more able learners are accredited for high achievement
- Create exciting and relevant assignments that also help to developing work related skills
- Understand and apply the new grading criteria

Course dates

We run courses in 11 cities across the country

[view dates](#)

Suitable for

BTEC first science teachers, curriculum managers or coordinators who wish to develop creative and effective approaches to outstanding provision.

“ *Incredibly well delivered and extremely helpful, will have a real impact on how we deliver BTEC in-house.* ”

Robyn Matthews - Ripley St Thomas CE High School

Call: 0800 881 8185 | www.creativeeducation.co.uk/8090 | Fax: 020 7190 5853

Science in the Special School

Make science exciting, fun and accessible in the special school

Course reference: 7879ZSS **Price:** £299+VAT **Timings:** 10am - 4pm

Ideas for making science accessible, engaging and fun for special school students are explored in this course which is suitable for both teachers and teaching assistants.

Course content

- Exciting experiments for every learner
- Games that engage and inspire
- Making it real: taking learning outside the classroom
- Target setting, tracking and monitoring progress
- Utilising a wide range of learning styles
- Fun and simple cross-curricular projects

Course dates

We run courses in 11 cities across the country

[view dates](#)

Suitable for

Special school teachers and support staff with a responsibility for teaching science who want to maximise engagement in their lessons.

“ *Excellent course. Very relevant to special needs schools.* ”

Lisa Blackwood - Rowan Gate Primary School

Call: 0800 881 8185 | www.creativeeducation.co.uk/7879 | Fax: 020 7190 5853

Reasons to choose Creative Education

20 years of experience delivering high quality CPD training to teachers and senior leaders.

Over 300 courses aimed at teachers, heads of department, middle and senior leaders and school support and premises staff.

Our courses are rated “Good” or “Outstanding” by 99% of delegates.

Courses held in 11 convenient locations across the country.

Our courses provide you with practical advice and strategies that can be used immediately.

In-house Training can be delivered throughout the year to provide you with the training you want, when you want it.

Our ready-made, tried and tested courses can be tailored to meet the needs of you and your staff in an In-house Training session.

An ever growing range of e-Learning training flexible to fit around the busy schedules of school staff.

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