

The Seminar Programme includes over 100 sessions and workshops. The following are keynote sessions which are on every day and some of the many sessions most relevant to **Science**.

For a full seminar programme and discounted online booking please visit www.bettshow.com

Keynotes

Wednesday 11th January 2006

1.00pm **W10**
Besa Keynote - A Vital Role for Technology in a People Business
Ralph Tabberer, Training and Development Agency for schools (TDA)

Thursday 12th January 2006

10.30am **T1**
Becta Keynote - 'Shakespeare's guide to e-learning' A head's view of ICT and school improvement.
Dame Enid Bibby, Headteacher of Wood Green High School College of Sport

2.00pm **T10**
TES Keynote - How Teachers Change Their Practice to Change the World
Tim Brighouse & John Davitt

Friday 13th January 2006

11.00am **F1**
Target Tracker Keynote - It's Personal but is it Mine?
Angela McFarlane

Saturday 14th January 2006

10.30am **S1**
EC&T Keynote - We've Got Global Technology: Welcome to the Global Curriculum
Stephen Heppell

Seminars

Wednesday 11th January 2006

11.00am **W3**
Helping Teachers Use Technology in Ways that Change Student Engagement and Improve Learning
Monica Beglau, eMINTS Centre, Missouri, USA

It's one thing to get the technology in places, it's another to get people using it effectively. Technology often sits unused or underused in schools where there are no educators trained to use the technology and integrate it into their curriculum and instruction. This session looks at ways to improve student achievement, increase parental involvement and enrich instructional effectiveness.

1.00pm **W6**
[Becta Seminar] Understanding the Impact of ICT - a Review of the Research and Evidence
Vanessa Pittard & Phil Bannister, Becta

A considerable and expanding body of evidence exists showing how ICT impacts on a range of educational outcomes. This seminar will provide a critical overview of key current evidence, indicating how impact varies across technologies, curriculum subjects and learner groups and highlighting challenges for both policy makers and researchers.

3.15pm **W16**
NAACE Primary Resources Cross Curricular ICT Solutions for the Busy Primary Teacher
Alan Rodgers & Mike Matson, NAACE

The NAACE Primary Resources are superb support materials for the busy primary school teacher. They have been produced and developed by experienced primary practitioners. Whilst supporting many subjects they also provide activities for the various strands of ICT. Come and see what there is and how best to use them.

Thursday 12th January 2006

3.15pm **T16**
[Becta Seminar] The Pedagogic Quality of e-Learning - Developing a Shared Framework
Bernie Zakary & John Anderson, Becta & Department of Education Northern Ireland (DENI)

By pedagogic quality we mean the quality of the learning and teaching activity when using educational technologies. More difficult to identify than the technical and content quality of the ICT tools and resources - yet arguably more crucial to successful teaching and learning. So, how can we improve pedagogic quality?

3.15pm **T17**
Create a Borderless and Dynamic Learning Environment Using Simple Digital Tools: Preparing Teachers for the Classroom of the Future Today
Baldev Singh, The Teaching Awards Trust

These are exciting times in teaching with the range of digital tools available. Digital technology is influencing teaching styles and making learning a real experience. This session will give an overview of innovative ways in which ICT has transformed teaching and learning in schools showcasing digital video work which highlights how digital technology is used as a motivational tool across the curriculum.

4.15pm **T22**
[Becta Seminar] The Development of a National ICT Architecture - Broadband Services and Content via the National Education Network (NEN)
Paul Shoesmith & John Hunt, Becta

The National Education Network (NEN) is central to Becta's vision for educational ICT infrastructure. It will provide every teacher and learner with access to a consistent set of resources, services and applications, improving the availability of high-quality educational content. This seminar will review work to date and future developments.

Friday 13th January 2006

11.00am **F4**
New Technologies Helping Personalised Learning in Your School
David Crossley, Specialist Schools and Academies Trust

New technology is a key gateway to personalised learning in all schools. It can have a powerful impact on raising achievement, pupil self-esteem and transforming learning - providing that development of an appropriate ethos accompanies the embracing of the appropriate technologies. Find out more at this seminar.

4.15pm **F21**
Computer Games in the Classroom: The State of Play
Richard Sandford & Keri Facer, NESTA Futurelab

This session will move beyond the hype which often characterises debates of mainstream computer games to discuss more specifically how different games have different potential uses for learning and the ways in which teachers might develop these in classrooms. It will also present a review of teachers' own gaming experiences.

Saturday 14th January 2006

1.00pm **S15**
Animated Science Teaching Using ICT
Stephen Sames, The Association for Science Education

Computers, cameras, data-projectors, flash animations, PowerPoint and interactive whiteboards, can they be smoothly integrated into classroom practice? How are they actually beneficial to the pupil and teacher? Stephen Sames demonstrates how science teaching can be empowered and applied by ICT.