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**ON AT THE BETT ARENA:**

Today's sessions are hosted by Amanda Jackson and Dave Smith

Amanda Jackson, Senior Inspector, Havering Education Services  
 Dave Smith, Senior Inspector, Havering Education Services

10:30–10:45

**2018 Bett Innovation Index: emerging trends in EdTech**

**LOCATION:** The Bett Arena  
**THEMES:** Inspiration/ Institute Tech/ Strategy  
**SPEAKERS:** Helene Moran, Managing Director, Shift Learning

10:45–11:00

**Official opening of Bett 2019**

**LOCATION:** The Bett Arena  
**THEMES:** Inspiration  
**SPEAKERS:** The Rt Hon Damian Hinds MP, Secretary of State for Education and Caroline Wright, Director General, BESA

The official opening of Bett with the Rt Hon Damian Hinds MP, Secretary of State for Education and Caroline Wright, Director General, BESA

11:00–11:15

**Digital skills for free**

**LOCATION:** The Bett Arena  
**THEMES:** 21 Century Skills/ Inspiration/ Teaching Tech/ Strategy  
**SPEAKERS:** Kerensa Jennings, CEO, The Duke of York Inspiring Digital Enterprise Award (iDEA) and Marième Jamme, Founder, iamtheCODE

Join us to find out about The Duke of York Inspiring Digital Enterprise Award, known as iDEA. iDEA is a new programme that helps people of all ages and stages develop digital, enterprise and employability skills for free through a series of online challenges and events. iDEA and Bett are launching a new collaboration to support teachers – for lesson planning and enrichment activities as well as their own CPD. Kerensa Jennings, CEO of iDEA will introduce the session, and World Economic Forum "Young Global Leader" and CEO of iamtheCODE Marième Jamme will explain how she is using iDEA around the world. Learn more at <https://iDEA.org.uk>. Hosted by The Duke of York Inspiring Digital Enterprise Award

11:15–11:30

**Impact of computing learning opportunities on attainment**

**LOCATION:** The Bett Arena  
**THEMES:** 21 Century Skills/ Teaching Tech/ Pedagogy  
**SPEAKERS:** Allen Tsui, Academic Enrichment Programme Leader, Willow Brook Primary School Academy

Hear the story of how a primary school standing within the shadows of the London 2012 Olympic Park rapidly transformed itself from being officially rated as "requiring improvement" into a school which has been able to demonstrably exceed the demands of the "new" National Curriculum particularly in computing, becoming accredited as a computing and STEM based learning Centre of Excellence. Teaching and learning at the school is organised and resourced in such a way that all of its children can fully access the computing curriculum with many exceeding expected learning outcomes by two years above the expectations originally set out in the 2014 (English) National Curriculum. The challenge now therefore is how to harness and capitalise on this success so that it can be sustained post-primary and beyond to transform today's learners into digitally literate citizens of the future. Hosted by Willow Brook Primary School Academy

12:00–12:30

**Lifelong kindergarten: cultivating creativity through projects, passion, peers and play**

**LOCATION:** The Bett Arena  
**THEMES:** 21 Century Skills/ Inspiration/ Teaching Tech/ Pedagogy  
**SPEAKERS:** Mitchel Resnick, LEGO Professor of Learning Research, Massachusetts Institute of Technology Media Lab

Today's kindergartens are becoming more like the rest of school, with children filling out math worksheets and working with phonics flash cards. I will argue for exactly the reverse: the rest of school (in fact, the rest of life) should be more like kindergarten. I will explain why kindergarten-style learning is ideally suited to the needs of today's society, and I will present strategies for supporting kindergarten-style learning, based on the "Four P's of Creative Learning": Projects, Passion, Peers, and Play. I'll support my ideas with examples of technologies and activities developed by my research group at the MIT Media Lab, including the Scratch programming language and online community. Hosted by MIT Media Lab

12:30–12:45

**Coding in Barcelona to improve learning in India**

**LOCATION:** The Bett Arena  
**THEMES:** 21 Century Skills/ Teaching Tech/ Pedagogy  
**SPEAKERS:** Francesc Solans, Technology Teacher, INS Josep Vallverdú, Spain

Is it possible for a school project in Catalonia, Spain to help girls from India avoid early marriages, give them access to clean water, teach them using tablets and smartphones, whilst at the same time our students learnt to code and become socially responsible entrepreneurs? Yes, it's possible. It's also difficult, challenging, amazing and feasible! This talk will show you how we empowered 19 students to take up the challenge and how with coaching and encouragement they went above and beyond all expectations, connecting and partnering with local companies, producing a publicity campaign and fundraising to make it all happen. In few days school marks were not important at all, and to fulfill their dream was their main objective. Do we call this teaching? Hosted by INS Josep Vallverdú, Barcelona

12:45–13:00

**Changing my teaching to release students' creativity, engagement and ownership**

**LOCATION:** The Bett Arena  
**THEMES:** Teaching Tech/ Pedagogy  
**SPEAKERS:** Simen Spurkland, Teacher, Vøyenenga Upper Secondary School, Norway

Every teachers goal is to make students learn. The challenge is to make sure that learning has taken place. In 2011, I changed my approach to teaching and became a facilitator, not a lecturer. Such a change takes time, initially it fails more times than succeeds, and hurts. But when the potential is realised, there's no going back. The beauty of proud students showed me that this path of creativity and student engagement was the right one. The initial impetus came from undertaking my own personal studies. It made me able to reflect on my own teaching methods with a more critical and professional eye. The second factor was getting 1:1 coverage for my students in 2013. Now, I couldn't go back to my old methods, in this talk I will share with you why and how. Hosted by Vøyenenga upper secondary school, Norway

13:30–14:00

**Education policy: too precious to be left to the politicians**

**LOCATION:** The Bett Arena  
**THEMES:** Inspiration/ Strategy  
**SPEAKERS:** Carl Ward, ASCL Past President & Chief Executive, City Learning Trust and Dame Julia Cleverdon, Vice President, Business in the Community and Paul Drechsler, Vice President, CBI & Chairman of Bibby Line Group. Fiona Forbes, who is Immediate Past President of the International Confederation of Principals.

Why is the way we conduct education policy in England inherently unstable? The answer of course could well lie in that it is often born out of the short term cycle of Parliamentary politics. So what do we do about this? How do we create a long term plan for education that serves our country better? This session will explore the very real need for a change in approach to the setting of education policy. How we might go about taking a long term view of education that creates stability, and what the hurdles are that we must overcome to create it. It will examine the the benefits of such

an approach using the combined experience and knowledge of leaders from business, education and community who will argue the need for a long-term plan for education that cannot be developed by government alone and must be co-constructed. Hosted by City Learning Trust

14:00–14:30

### Inspiring talented young people into cyber security careers #CyberFirst

**LOCATION:** The Bett Arena  
**THEMES:** 21 Century Skills  
**SPEAKERS:** Senior Representative, National Cyber Security Centre

There's a shortage of Cyber Security Skills in the UK. Children and young adults are largely unaware of Cyber Security as a Profession or the Learning Pathways they can follow to get into it. Only 15% of students in England study Computer Science at GCSE level, 85% of which are boys. How do we encourage more students, especially girls, to enter the industry with a wide range of skills, and from a diverse talent pool? The NCSC has focused on finding ways to inspire students to consider Cyber Security careers. This takes many forms, such as free residential courses, showcase days, online gamified environments and our Degree Apprenticeship Scheme or Bursary Scheme. This talk focuses on NCSC initiatives which enable KS3/KS4 and beyond to realise opportunities available to them, and explains how any teacher can help identify and support talented young people through their education and into Cyber Security careers. Hosted by The National Cyber Security Centre

15:00–15:45

### From consumers to community: how edtech enables HE/FE student engagement

**LOCATION:** The Bett Arena  
**THEMES:** Institute Tech/ Strategy  
**SPEAKERS:** Anders Krohn, CEO Co-founder, Aula. Danielle Lapham, Search Engine Marketing Specialist, Hotcourses. Gerry McDonald, Group Principal & CEO, New City College. Jan Lynn-Matern, CEO, Emerge. Katie Bell, Chief Commercial Officer, Middlesex University London.

As expectations rise across the further and higher education sectors, institutions are recognizing the need to create a meaningful and engaging experience for the student body. In the current climate, where students are encouraged to think of themselves as consumers in pursuit of employability credentials, creating and maintaining student and staff communities is more important than ever. Research and institutional experience tell us what the key components of a successful student community are: active engagement and collaboration, low barriers to participation – and, increasingly, a complementary blend of digital and physical experiences. This panel brings together representatives from higher and further education institutions and the digital sector to discuss the role of technology in moving beyond the 'student as consumer' narrative and engaging students in their

learning to create a true community on campus and off. Hosted by Emerge

15:45–16:00

### Personalizing Education at Scale with AI

**LOCATION:** The Bett Arena  
**THEMES:** Futures/ Teaching Tech  
**SPEAKERS:** Joel Hellermark, CEO & Founder, Sana Labs

After discovering the potential of applying neuroscience and artificial intelligence on learning, Joel, 22, set out to realize the vision of empowering the world's students to reach their full potential by making personalized education at scale possible. Joel will present cases that show how the latest breakthroughs within AI make it possible to master more difficult concepts and learn the same amount of content in a shorter time. Most important of, all in a classroom setting, AI-interventions create unique support for teachers to inspire and raise all students' knowledge levels – not just the 40% in the middle, to make personalized education at scale possible. To personalize education in this manner has not previously been possible due to the 1-2 years recent breakthroughs in machine learning technology. This is a technology that helps teachers and educators personalize education for all students in any subject. Hosted by Sana Labs

16:30–17:15

### Emotion and cognition in the age of AI

**LOCATION:** The Bett Arena  
**THEMES:** Futures/ 21 Century Skills/ Inspiration/ Strategy  
**SPEAKERS:** Anthony Salcito, Vice President of Worldwide Education, Microsoft. Barbara Holzappel, General Manager, Education Marketing, Microsoft. Dr Mark Brackett, Founding Director, Yale Center for Emotional Intelligence, Yale University.

Today's kindergarteners will graduate into a world transformed by artificial intelligence (AI). This session will describe how education and work will change thanks to AI. We will unveil new research describing the critical role of emotional well-being to position students for success in the age of AI, and we will examine an evidence-based approach to social and emotional learning already in use by more than 1,500 schools globally. We will also hear from a student whose educational journey already has been transformed by AI. Hosted by Microsoft

17:15–17:30

### Shaping future minds: problem solving with open source technology

**LOCATION:** The Bett Arena  
**THEMES:** Inspiration/ SEN/ Teaching Tech  
**SPEAKERS:** Hannah Durham, Assistant Vice Principal, Drapers' Brookside Infant and Junior Schools

The best things in life are rarely free, right? Wrong! Maths Music Robots uses free, open source

technology to create learning opportunities for all children but especially for those on SEN and pupil premium registers. From digital pianos made out of fruit to Micro:BIT probability pressure tests, we're pushing the boundaries of every day learning to the limit, providing our pupils with the cognitive flexibility they require to be successful, even though the face of the future world of work is unclear. Come and hear our inspirational success story so you too can access this technology to enhance your teaching. Hosted by Drapers' Brookside Infant and Junior School

18:00–19:30

### pi-top Learning by Making

**LOCATION:** The Bett Arena  
**SPONSORED BY:** pi-top

Join us for an evening of conversation, exploration and refreshments, in partnership with some of the biggest names in the Learning by Making movement. We'll discuss the impact of social constructionism and how it can help improve learner agency and outcomes whilst better preparing today's learners for the advent of the Fourth Industrial Revolution. View the full agenda and register your place here: [https://www.eventbrite.co.uk/e/pi-top-learning-by-making-fringe-event-tickets-53812749382?\\_ga=2.214187607.1375955812.1546851267-1969249693.1538582993](https://www.eventbrite.co.uk/e/pi-top-learning-by-making-fringe-event-tickets-53812749382?_ga=2.214187607.1375955812.1546851267-1969249693.1538582993)

## ON AT THE SCHOOLS THEATRE:

### This morning's sessions are hosted by Martin Bailey

Digital Enrichment Leader, Lancaster EP Primary School

10:15–10:45

### Learning to code when blind – inclusivity through Project Torino

**LOCATION:** Schools Theatre  
**SPEAKERS:** Cecily Morrison, Human Experiences and Design Researcher, Microsoft Research. Craig Meador, President, American Printing House for the Blind.  
**SPONSORED BY:** Microsoft

Blind and low vision learners cannot currently access the tools used to teach coding to young learners in schools. Project Torino was born out of Microsoft Research and Researcher Cecily Morrison's own experience helping her son, who is blind, learn to code along-side his sighted peers. The project is a physical programming language for learning coding and computational skills for children ages 7 – 11 regardless of level of vision. Attending this session, parents, educators and students can learn more about the opportunities of physical programming to enable inclusive coding education, how physical programming is a powerful tool for all young learners, as well as how to bring Project Torino to their school or community.

11:00–11:30

### Press play on the future of education – learning through media

**LOCATION:** Schools Theatre  
**THEMES:** 21 Century Skills/ Teaching Tech/ Pedagogy  
**SPEAKERS:** Kylie Howard, International Project Manager, Accelerate Learning STEMscopes. Omar Said, Student Ambassador and E-Learning Analyst, The University of Edinburgh,  
**SPONSORED BY:** Accelerate Learning STEMscopes Powered by CNN

There are evident flaws of traditional teaching given the pressures of standardisation, which create swiss cheese gaps of knowledge. We often get lost in the rules and fail to guide students to the true purpose of learning. Through media, we can show them why what they are learning is important and how it connects to the world around them. You will hear the perspectives of a university student who works with CNN and education companies and a former teacher and current curriculum development expert who develops widely used e-learning products that incorporate media. You will be introduced to research supporting the use of media and real-world connections to engage and inspire the children of the digital era. We explain how to change the way we teach in order to develop the minds of our future scientists, innovators, and world leaders.

11:45–12:15

### A day in the life of a digitally enabled child

**LOCATION:** Schools Theatre  
**SPEAKERS:** Jonathan Bishop, CEO & Executive Headteacher, Cornerstone Academy Trust  
**SPONSORED BY:** Microsoft

The talk will exemplify, with video, rich media and live interviews, how the Microsoft Surface, with Office365 and Windows 10, enabled a year 6 girl, Lucy, not only to engage and manage her school work, both in and out of class, but also to forge the grit, resilience, self-direction and collaborative skills that pupils need to develop in preparation for the 21st century jobs market.

12:30–13:00

### Sparking 21st Century Learning In Your Classroom

**LOCATION:** Schools Theatre  
**SPEAKERS:** Michelle Zimmerman, Educator and Leadership Team Member at Renton Prep, Renton Prep  
**SPONSORED BY:** Microsoft

Educators are well aware of the responsibility to prepare today's students for an uncertain future. Cultivating transferable skills, such as communication, creativity, and critical thinking are essential for future success in school, work, and life. Follow Dr. Michelle Zimmerman's journey on creating a 21st century classroom at her school. Hear how she enhanced communication and creativity in her classroom with Office 365, from

everyday logistics, to re-imagining the traditional art museum field trip, to enhancing student voice!

### This afternoon's sessions are hosted by Lewis Bronze

Lewis Bronze, Founder Espresso Education and former Editor, Blue Peter

13:15–13:45

### Embracing diversity with education technology

**LOCATION:** Schools Theatre  
**THEMES:** 21 Century Skills/ Teaching Tech/ Pedagogy  
**SPEAKERS:** Olivier Dijkmans, Primary School Teacher, Omnimundo School  
**SPONSORED BY:** i3-Technologies

With enthusiasm and empathy, Olivier Dijkmans, a primary school teacher from Belgium, has been able to trigger the passion of his class of children from 23 different nationalities through innovation and creativity. He started with a simple interactive whiteboard, and step by step he introduced new technologies and learning methods that have inspired the minds of his students and improved the overall teaching and learning process. In this session, Olivier will share his experience and explain in a hands-on way, how a school can use a variety of technologies, such as VR or 3D content, in an everyday context. He will delve deeper into how teachers and leaders can pick out the elements that add value to their lessons and stimulate deeper learning, while discussing his personal journey of how to develop exciting lesson content in the context of diversity.

14:00–14:30

### Effective admissions: challenges, opportunities and resources

**LOCATION:** Schools Theatre  
**THEMES:** Institute Tech  
**SPEAKERS:** Emily Richards, School Marketing & Research Specialist, The Stickman Consultancy. Mark Maybury, Academic Product Manager, WCBS.  
**SPONSORED BY:** WCBS

Join us as we explore the admissions challenges facing independent and international schools; recognising the demand on admissions staff; the tools available to support them; how to engage and forge relationships with parents and ways to improve student recruitment and retention. Key points discussed in this session:

- Importance of admissions data and its role in successful school marketing
- How to stand out in the market: parental buy-in and your school brand
- Why accessibility, communication and engagement are paramount
- Tools and resources to support the demand on admissions staff
- Why optimising admissions is crucial and how to do this.

14:45–15:15

### Introducing blended learning experiences to core subjects in classrooms

**LOCATION:** Schools Theatre  
**THEMES:** 21 Century Skills/ Pedagogy  
**SPEAKERS:** Dr. David Porcaro, Director of Education, Alef Education  
**SPONSORED BY:** Alef Education

Throughout the world, many public schools still rely heavily on text-based core curriculum. Introducing blended learning experiences in core subjects presents many opportunities over traditional print-heavy classrooms. These opportunities include more up-to-date, interactive, and engaging content, data capture at the task level that is connected across the curriculum, more standardized instruction delivery, and improvement of teacher and student technology skills. Such a digital transformation also faces a number of challenges. These include ensuring high quality technology infrastructure and support exist, supporting teachers move away from traditional direct instruction methods, and balancing innovative content with approving bodies' cultural and curricular requirements. We'll demonstrate from a case study of Alef Education's implementation of a K12 blended learning experience in a pilot school in Abu Dhabi some ways of overcoming those challenges and increase student achievement, ICT capacity, personalized instruction, and real-life application.

15:30–16:00

### Using technology to drive cross-collaboration and support better student outcomes

**LOCATION:** Schools Theatre  
**THEMES:** Pedagogy/ Institute Tech/ Strategy  
**SPEAKERS:** Tom Rees, Education Director, Northampton Primary Academy Trust  
**SPONSORED BY:** Microsoft

Join this session to find out how Northampton Primary Academy Trust (NPAT), a collaboration of eleven primary schools managing 4200 children, has been using technology to drive success. Discover how they are driving cross-collaboration between teachers, governors and students, and discover how they are utilising predictive analytics tools through data and machine learning to understand effectiveness and support better student outcomes by being more predictive and prescriptive.

16:15–16:45

### Visual communication in action!

**LOCATION:** Schools Theatre  
**THEMES:** 21 Century Skills/ Pedagogy  
**SPEAKERS:** Ben Forta, Senior Director of Education Initiatives, Adobe. Ted Fox Joyce, Head of Visual Arts, Langley Park School for Girls.  
**SPONSORED BY:** Adobe

At Bett 2018, Adobe announced the launch of Adobe Spark for Education, a completely free tool available to institutions across the world that enables easy, beautiful visual storytelling. Today, millions of teachers and students worldwide use Spark for Education to create amazing posters, web pages, and videos, and to develop their visual communication skills. In this session, you'll experience the value of Spark for Education first hand from Ben Forta, who spends his time travelling around the world helping students and teachers bring visual communication to the classroom. You'll also learn from Ted Fox Joyce from Langley Park School for Girls on the school's strategy for building better communication at the school, across faculty, the student body, and with parents and guardians, the role digital and Adobe Spark plays in the success of their approach, and steps you can take to bring your school along a visual communication journey.

17:00–17:30

### Powering Up School Improvement using PowerBI

**LOCATION:** Schools Theatre  
**SPEAKERS:** Jen Devaney, Trust Primary Lead for Assessment and Mathematics, Shireland Collegiate Academy Trust. Kirsty Tonks, Principal and Primary Director, Shireland Technology Primary Schools. Sir Mark Grundy, CEO, Shireland Collegiate Academy Trust Team.  
**SPONSORED BY:** Microsoft

How can you use data analysis to make a Trust more cohesive and more effective? Shireland Collegiate Academy Trust is using Office365 as a means to encourage greater collaboration and innovation, particularly its integration of PowerBI to surface data at different levels across the Trust. This has transformed how the Trust and schools are operating by reducing workload, allowing for more just-in-time interventions, more focused conversations and better informed decisions. In this session we will share with you some of the ways we have used Microsoft Tools to continue to drive school improvement.

18:15–19:45

### Maximising Impact with iPad

**LOCATION:** Schools Theatre  
**SPEAKERS:** Abdul Chohan, Co-founder, Olive Tree Primary School  
**SPONSORED BY:** GBM

Join us for an incredible and inspirational session, exploring how Apple technology can support teaching and learning objectives in your school, and reduce teacher administrative tasks. During this inspirational leadership event, we will hear

from Abdul Chohan about his journey at the Olive Tree, and how technology has positively impacted the school. We will also take a closer look at the operational efficiencies the iPad has helped them to unlock. Register for free here: <https://gbmdt.co.uk/bett>

### ON AT THE POST 16 THEATRE:

### This morning's sessions are hosted by Liz Dobrée

Chief Impact Officer, Ufi Charitable Trust

10:15–10:45

### Space: the next frontier in education

**LOCATION:** Post 16 Theatre  
**THEMES:** Futures/ Inspiration/ Teaching Tech  
**SPEAKERS:** Andrés Sabas, CEO, Electronic Cats. David Cuartielles, Co-founder, CTO Education, Arduino.  
**SPONSORED BY:** Arduino Education

The human exploration of space has inspired endless projects within the STEAM community, many leveraging the popular Arduino platform. This session will showcase the work of master students from the Space Department at Sweden's Lulea University and their machines that extract water from the cold air of Mars; educational robots from the German Space Agency (DLR); and CanSats made by K12 students in Aguascalientes, Mexico, among others. During the talk, Arduino co-founder David Cuartielles and Electronic Cats CanSat's Andres Sabas will share how they were able to get college students to program and launch 40 small satellites using open source hardware and aerostatic balloons. Attendees will gain a better understanding of the unique challenges experienced by educators, along with global events that invite students to participate in the most exciting mission in contemporary science.

11:00–11:30

### Preparing students for jobs that don't exist: Teesside University

**LOCATION:** Post 16 Theatre  
**THEMES:** Teaching Tech/ Pedagogy  
**SPEAKERS:** Dr. Jonathan Eaton, Academic Registrar, Teesside University. Professor Mark Simpson, Pro Vice-Chancellor (Learning & Teaching), Teesside University.  
**SPONSORED BY:** Microsoft

The Future Facing Learning Strategy at Teesside University seeks to prepare students with the tools, knowledge and expertise to thrive in complex and uncertain futures. Digital empowerment of staff and students forms a key component of the Future Facing Learning Strategy. In September 2018, Teesside launched the Future Facing Learning Toolkit for all students, a suite of free software with Microsoft Teams at its heart. The purpose of the Toolkit is to enhance learning and teaching, whilst preparing students with the digital skills necessary

for graduate level employment. In preparation for this deployment, over 400 academics have participated in the Digital Development Programme, an innovative CPD offer aligned with the Jisc Digital Capability Framework and the Microsoft Innovative Educator scheme, to support them in preparing students to achieve sustainable success within a globally connected workplace.

11:45–12:15

### Economic Transformation – The Future of Skills and Businesses

**LOCATION:** Post 16 Theatre  
**SPEAKERS:** Cindy Rampersaud, Senior Vice President, BTEC and Apprenticeships, Pearson. Rob May, Managing Director, Ramsac. Rob Walden, Director, Real World Education Group. Neil Carmichael, Chair, Commission on Sustainable Learning for Work, Life and a Changing Economy.  
**SPONSORED BY:** Pearson

In this session, the panellists will focus on the pace of change, the impact technology has had on the workplace, how roles are evolving and will continue to evolve and how we need to embed a culture of lifelong learning to prepare learners for future careers.

12:30–13:00

### Chichester College's digital transformation: borderless learning for students and teachers

**LOCATION:** Post 16 Theatre  
**THEMES:** Teaching Tech/ Institute Tech  
**SPEAKERS:** Terry Molyneaux, Professional Learning Coach – Digital Innovation, Chichester College  
**SPONSORED BY:** Microsoft

Chichester College is currently undergoing a major digital transformation, developing digital competencies in both staff and students, supporting multi-campus collaboration and sharing, and encouraging a culture of "borderless learning" – 24/7 access to learning for all. With Office 365 and Microsoft Education being at the heart of the transformation, the college is developing staff and students, providing teachers with Microsoft Innovative Educator certificates and students with Digital Leader certificates. The programme aims at sharing good practice and inspiring colleagues to make use of the Microsoft Educators Community.

13:15–13:45

### From learning labs to maker labs

**LOCATION:** Post 16 Theatre  
**THEMES:** 21 Century Skills/ Teaching Tech/ Pedagogy  
**SPEAKERS:** Jean-Pierre Berthet, Digital & Innovation Officer, Sciences Po Paris. Mathieu Guinin, Education Lead, HP Inc.  
**SPONSORED BY:** HP Inc.



In 2012 three innovative Higher Education institutions in France (Ecole Centrale de Lyon, EM Lyon Business School and Université de Saint Etienne) founded the LearningLab Network, a network of learning spaces dedicated to sharing knowledge and best practice on new learning models, promoting the adoption of the latest education technologies, with the objective of developing active learning and transforming learning spaces. Today the LearningLab Network gathers more than a hundred innovative institutions in Higher and Secondary education, in France, Belgium and Canada, and is actively supported by HP in the implementation of the latest EdTech trends, development of research projects and improvement of learning outcomes. Mathieu Guinin, Head of Education at HP Inc. France, and Jean-Pierre Berthet, Digital & Innovation Officer at Sciences Po Paris, will showcase concrete examples of the network's activities and explain how each partner benefits from being part of this forum.

### This afternoon's sessions are hosted by Bob Harrison

Trustee, Ufi Charitable Trust

14:00-14:30

### Future-proofing your institution; flexible, adaptable & ready for change

**LOCATION:** Post 16 Theatre  
**THEMES:** Teaching Tech/ Institute Tech/ Strategy  
**SPEAKERS:** Mark Bramwell, CIO and Director of Professional Services, Saïd Business School, University of Oxford. Michelle Swithenbank, Chief Executive and Principal, Hull College Group.  
**SPONSORED BY:** Canvas

Planning for an uncertain future is a complicated business. For many colleges and universities, it's enough of a struggle to keep up to date, let alone stay a step ahead. How can educators pre-empt what classes in a decade or more will need? Mark Bramwell, CIO from Saïd Business School at University of Oxford and Michelle Swithenbank, Principal and Chief Executive Officer at Hull College Group have attempted to tackle just that question with dramatic digital transformation. In this talk, they will show how they turned their own varied challenges into a chance to future-proof their tech for years to come - from upending technology that just didn't work for students, to having to reimagine all processes and systems after a huge restructure. The prize - a reliable foundation on which to build top quality teaching and learning for years ahead.

14:45-15:15

### {Devel<>p}: a makerspace that fosters digital and soft skills

**LOCATION:** Post 16 Theatre  
**THEMES:** 21 Century Skills/ SEN/ Teaching Tech/ Pedagogy  
**SPEAKERS:** Hannah Mathias, E-learning Manager, Cardiff and Vale College  
**SPONSORED BY:** Microsoft

Cardiff and Vale College want to ensure that all learners develop their digital competency and to

help rectify the huge shortage of digital skills in the job sector in South Wales, Cardiff and Vale College has created a digital makerspace called {Devel<>p}. Built within its library space, the project ignites interest in STEM and STEAM across all departments of the college, whilst developing skills for future employability and life - not just digital skills, but also soft skills (critical thinking, problem-solving, collaboration, communication, innovation and creativity) - with a focus on accessibility.

15:30-16:00

### The 2018 Education Innovation Index

**LOCATION:** Post 16 Theatre  
**THEMES:** Inspiration/ Institute Tech/ Strategy  
**SPEAKERS:** Helene Moran, Director, Shift Learning  
**SPONSORED BY:** Bett and Shift Learning

Join Helene Moran from Shift Learning for a deeper dive into the findings of Bett's second Innovation Index. We'll explore the trends that are growing, from awareness to adoption, in classrooms and learning spaces around the UK and for 2018 we'll look at the impact of policy change as experienced by teachers and education leaders.

16:15-16:45

### Alexa in Education: Enhance Student Learning and Living with Voice

**LOCATION:** Post 16 Theatre  
**THEMES:** Futures, Teaching Tech, Institute Tech  
**SPEAKERS:** Paul Grist, Head of Education - EMEA, Amazon Web Services. Ana Cavez, Business Development Manager - Alexa in education, Amazon Web Services. Aftab Hussain, Strategic ILT Leader, Bolton College  
**SPONSORED BY:** Amazon Web Services

Voice technology is a natural way for students to interact with their education. With Amazon Alexa, students worldwide are getting more from their educational experience by simplifying how they get information and stay organized. Institutions can personalize campus life by building a private skill, giving students daily flash briefings and helping them quickly find campus information. EdTechs and learning companies can reach students where they live and study with access to coursework, study prep, or financial aid information. Aftab Hussain, strategic information learning technology lead at Bolton College, will introduce Ada, an Alexa skill for a chatbot service, so students and staff at Bolton College can ask their Amazon Echo smart speakers about college services - effectively engaging with their own personalised assistant wherever they are.

17:45-19:45

### International TeachMeet

**LOCATION:** Post 16 Theatre  
**THEMES:** Inspiration/ Teaching Tech/ Pedagogy/ Strategy  
**SPEAKERS:** Arjana Blazic, Teacher, EdTech Consultant and Course Designer. Bart Verswijvel, Pedagogical Adviser Future Classroom Lab, European Schoolnet.

The annual BETT Show attracts visitors from all over the world, coming to London to find out about the latest developments in edtech. It's a meeting place for the global education community and for years teachers have met in the evening, during BETT, to attend TeachMeets. Last year, the very first International TeachMeet took place and was a huge success, so we're delighted it's back again this year. During the Teachmeet you get the opportunity to give a short presentation about your international project, or about any other idea for the classroom. Talks are on average 5 minutes and can last up to 7 minutes maximum. You can also just attend to listen and network. Everyone is welcome! To register to attend: <https://www.eventbrite.com/e/international-teachmeet-bett-19-tickets-54516261606> To apply to speak: [bit.ly/trmint-speaker](http://bit.ly/trmint-speaker). More info: [trmintbett.wordpress.com](http://trmintbett.wordpress.com)

## ON AT SOLUTIONS DEN 1:

10:20 - 10:40

### Samsung Flip

**SPEAKER:** Kevin McGlasson, BDM Corporate and Transportation, Samsung.

Learn how Samsung Flip is the simplest, most stable product for your learning space. Samsung has added its magic again, combining a blend of intuitive user experience and reliability you have come to know from Samsung products. Allowing you to annotate, connect your devices easily and present so simply it has to be seen to be believed. Also learn how you can win some Samsung Flips for your school, college or university.

11:00-11:20

### Class Charts - Breaking behaviour barriers with technology

**LOCATION:** Solutions Den 1  
**SPEAKERS:** Duncan Wilson, Director, Edukey Education Ltd  
**SPONSORED BY:** Tes

Pupil behaviour and low level disruption are big barriers to teaching and learning with OECD reporting that up to 20% of teaching time can be lost due to pupil behaviour issues. This session will be delivered by Duncan Wilson, who was teacher for 16 years and founder of Class Charts, an artificial intelligence driven behaviour management platform. Duncan will discuss how his experience in the classroom has contributed towards building a BETT Award winning software solution that makes a huge impact on reducing exclusions and low level disruption.

11:40–12:00

## Transform the way you run your school with Arbor MIS

**LOCATION:** Solutions Den 1

**SPEAKERS:** Stephen Higgins, Product Lead, Arbor Education. Tim Ward, Senior Partnership Manager, Arbor Education.

**SPONSORED BY:** Arbor Education

At Arbor we believe that moving MIS isn't just a system change – it's an opportunity to transform the way you run your school. Join former school leaders Tim & Stephen to see how our simple, smart cloud-based MIS for primary, secondary & special schools will change the way you work by putting essential data at the fingertips of your senior leaders, teachers & office staff, and by automating and simplifying administrative tasks to reduce staff workload. In particular, Tim & Stephen will show you how the core functions of Arbor work – including how to manage attendance, behaviour, assessments, interventions & communications all in one place – helping you to reduce staff workload and improve student outcomes.

12:20–12:40

## Building Bridges with Education Data

**LOCATION:** Solutions Den 1

**SPEAKERS:** Paul Palmer, Head of Business Strategy, Groupcall

**SPONSORED BY:** Groupcall

Over the past 4 years, knife crime related incidents in the UK have increased by 37.4% – with 20% of these perpetrated by children. Over 40,000 incidents were reported in the UK by the Home Office in 2018 alone. This leaves us asking the question, how can we all do more to ensure that we are protecting those children most at risk? At Groupcall, one of the many challenges we have been helping our customers address is widening the focus not only on education data, but on how environmental and social factors have an impact on a child's well-being and potential to succeed at school. This session will explore how joining up data from multiple agencies and technology partners can drastically improve the process of supporting those most vulnerable children in our education system.

13:00–13:20

## Leveraging Cloud Innovation in Education

**LOCATION:** Solutions Den 1

**SPEAKERS:** Bert Ertman, Fellow,

**SPONSORED BY:** Luminis

Since the arrival of the computer – and later the internet – in classrooms, administration departments and our daily lives, schools have been in a race to keep up. Now there is a new technical revolution happening: Cloud computing. The Cloud already touches, or will touch, every aspect of our lives. With internet giants proclaiming the world as a computer and everything on it as a programmable interface, the Cloud will serve as the backbone of every automated solution soon. Instead of fearing

this, the Cloud could in fact lighten the burdens of equipment, administration and even lead to new teaching methods. And even though the benefits are manifold, for instance lower costs, less technical support, and an ever-growing collection of solutions to choose from, the Cloud also presents us with new challenges. At Luminis we strongly believe in challenging the status quo and helping customers with jobs-to-be-done challenges. We think of ourselves as rebels with a cause. Leveraging the Cloud in education can actually do just that. In this talk I'll show you how we leverage the innovative technology offered by Cloud providers to power Summar.io, our personalised learning environment.

13:40–14:00

## Soloborative Learning; Thinker as Solo, Tinker as Collaborative

**LOCATION:** Solutions Den 1

**SPEAKERS:** Selcuk Ozdemir, Founder of Bilisim Garaji and Professor at Gazi University, Bilisim Garaji (Inova Akademi Bilisim Egitim Hiz. San. Tic. A.S.) Turkey

**SPONSORED BY:** Bilisim Garaji (Inova Akademi Bilisim Egitim Hiz. San. Tic. A.S.) Turkey

The history of technology, art and science is full of the entrepreneurship stories including both success & failure. Successful or failed, all the stories triggered by an entrepreneur dreamer who is not just sitting alone lazily but standing up to take initiative and risk with patience and determinedly collaborating with others. The history of "techne" is formed of various layers constructed by different civilizations in time. During the known history of humanity, many craftsmen and artists contributed to everything we use today in our daily lives. Whatever we use as a techne today is an output of a cumulative knowledge grown out of years. A dream about communication with people living on remote places caused many creative explorations started by smoke and for now ended by cellular phone. What happened in time is just a successor dreamer added new knowledge and skills to the existing knowledge & skills produced by a predecessor dreamer.

14:20–14:40

## Everything you ever wanted to know about iPad management

**LOCATION:** Solutions Den 1

**SPEAKERS:** Chris Reynolds, Systems Engineer, Jamf. Ross Drummond, Systems Engineer, Jamf.

**SPONSORED BY:** Jamf

iPad has become the go-to technology for education. With a fantastic array of educational apps and Digital books, all-day battery life and ultra-portability it's easy to understand why. But how do we ensure our teacher and students have access to the content they want, exactly when they need it? How do we keep our iPad up-to-date, safe and secure, without a massive burden on teaching staff or IT? What we'll cover

- Apple School Manager and why you should be using it
- Deployment options – shared use vs 1:1
- Curating educational content
- How Jamf can help streamline workflows and improve efficiency

15:00–15:20

## Protect your privacy and investment

**LOCATION:** Solutions Den 1

**SPEAKERS:** Christian Bostrom, Sales Manager B2B Europe, PanzerGlass

**SPONSORED BY:** PanzerGlass

PanzerGlass™ screen protectors are much more than just screen protectors. PanzerGlass™ is a new category of screen protection. At the same time stronger and easier to install, PanzerGlass™ excels with its product qualities like strength, transparency and thickness. The look and feel may seem international, but the inheritance is downright Danish.

15:40–16:00

## Putting impact at the heart of your edtech procurement

**LOCATION:** Solutions Den 1

**SPEAKERS:** Michael Forshaw, Founder & CEO, Edtech Impact

**SPONSORED BY:** Edtech Impact

Are you getting value for money with your edtech purchases? Do you know which edtech products will have the biggest impact on student and teacher outcomes in your own complex school environment? This session will reveal Innovate My School's new Edtech Impact marketplace – a free, school-led evaluation platform that helps busy educators measure the effectiveness of different edtech products before purchasing.

16:45–17:30

## Bett Asia Event Launch

**LOCATION:** Solutions Den 1

**SPEAKERS:** Sonal Ghelani, Event Director for Bett Asia and MEA. Dr Habibah Abd Rahim, Deputy Director of Education, Ministry of Education Malaysia.

**SPONSORED BY:** Bett

Introduction to Bett Asia 2019 & key themes/trends. Following extensive research with 300 education leaders, teachers and ICT leads across 29 countries in the region into the challenges facing education leaders throughout Asia, we set the theme 'Building a change culture to deliver 21st-century learning' for 2019. We will present our insight and findings from our research. Networking & refreshments Expo tour for delegations (optional)

**ON AT SOLUTIONS DEN 2:**

10:20 – 10:40

**Building Personalized Classrooms for Better Learning Outcomes – PowerSchool and Microsoft**

**LOCATION:** Solutions Den 2  
**SPEAKER:** Sam Sale, Solution Strategy Director, Unified Classroom, PowerSchool (I already sent his registration info to our partner liaison with Microsoft so I believe he should already be registered)

PowerSchool Unified Classroom™ simplifies technology with a single K-12 solution that saves teachers time. PowerSchool in partnership with Microsoft now offers tools like Office 365, Learning Tools and translation natively built into the system that not only saves teachers time but enhances personalized learning to meet varying student needs. Teachers can increase focus on forging deeper 1-to-1 connections, refine lesson plans, and provide personalized feedback to students in real-time.

11:00–11:20

**Making multi-use iPad work**

**LOCATION:** Solutions Den 2  
**SPEAKERS:** Chris Reynolds, Systems Engineer, UK, Jamf. Ross Drummond, Systems Engineer, UK, Jamf.  
**SPONSORED BY:** Jamf

A reported 70% of UK schools are using iPad\* and with the majority of these used by multiple students, the challenge for school leaders and IT in these scenarios is; how can we create unique personalised learning experiences? How do we digitally sanitise the device, ready for the next user? And ultimately, how do we get the most significant return on investment? What we'll cover

- A quick recap on Apple School Manager and deployment options
- Initial configuration
- Multi-personal shared device with Jamf Setup
- Personalised shared device with Apple Shared iPad
- Shared device reset with Jamf Reset

11:40–12:00

**STEM 360: From Gifted STEM to STEM4All**

**LOCATION:** Solutions Den 2  
**SPEAKERS:** Huseyin Yucel, President of the Executive Board, Bahcesehir Ugur Educational Institutions. Sirin Karadeniz, Dean, Bahcesehir University.  
**SPONSORED BY:** BAU Global

BAU Global is a network of educational institutions including K12 schools and universities that offer the highest standards of STEM education for over 200K students across the globe. Leading scholars of the field at BAU Faculty of Educational Sciences have been advocating a data-driven understanding of STEM education for gifted students, as well as all students. The university and schools have initiated a joint effort of widening and scaling up the effective

practices used at some specialized schools, including Bahcesehir Science & Technology High School. These efforts evolved into a comprehensive solution to the academic and social needs of our gifted students while the design team, including scholars, teachers and these gifted students developed courses that foster 21st century skills of all our students. During this session, the leader of the design team and representatives of the schools will present the impact of this process from different perspectives.

12:20–12:40

**Digital skills: K-12 curriculum transformation on a country-scale**

**LOCATION:** Solutions Den 2  
**SPEAKERS:** Andrei Lobanov, CEO, Logika. Fakhri Gurbanov, Deputy Director, The Ministry of Education of the Republic of Azerbaijan.  
**SPONSORED BY:** Logika

ICT has become a focus in public education today, as it plays a vital part in almost any profession in the 21st century. Therefore, countries are searching for solutions to change their education system not only from the perspective of computer knowledge but also soft skills. We are proud to state that we have created a product that fits this demand. We implemented a fully developed educational programme in the K-12 curriculum in one country's public school system quickly transforming ICT education on a country scale, while having a close grasp of the quality of the integration process. We will talk about: – development of an educational standard and programme – implementation of an innovative methodology – teachers professional training and development – real-time quality control and management – performance tracking. The Ministry of Education of Azerbaijan and Logika will share their unique experience and discuss the main stages of their joint "Digital skills" project.

13:00–13:20

**Oxford University Press and HTC Vive: VR's Role in Education**

**LOCATION:** Solutions Den 2  
**SPEAKERS:** Chris Chin, Executive Director, VR Content, HTC Vive. Harry Cunningham, Head of Partnerships and Innovation, Oxford University Press.  
**SPONSORED BY:** Oxford University Press

Virtual reality has the potential to change the way we work, play and communicate, but what benefits does it really provide and how can it be deployed in learning effectively? Join us to hear where Oxford University Press and HTC Vive see virtual reality's place in education, both now and in the future. This unique session brings together the thoughts and insights of a global educational publisher and a leading virtual reality pioneer, providing a fascinating look at innovation in education and the importance of partnership.

13:40–14:00

**Reduce OPEX with PRTG Today, Reduce CAPEX Tomorrow!**

**LOCATION:** Solutions Den 2  
**SPEAKERS:** Martin Hodgson, Country Manager UK & Ireland, Paessler AG – PRTG Network Monitor  
**SPONSORED BY:** Paessler AG – PRTG Network Monitor

In this session you'll learn how PRTG Network Monitor can reduce your Expenses today and ensure your IT purchases deliver the performance your user community deserves. With references to UK customer projects in a range of academic establishments, Martin Hodgson will enthuse, empower and entertain!

14:20–14:40

**Technology promotes inclusion and supports SEN in Early Years.**

**LOCATION:** Solutions Den 2  
**SPEAKERS:** Davy De Rijbel, Community Manager, i3-Technologies  
**SPONSORED BY:** i3-Technologies

Burnt Ash Primary School is in the heart in London. Like many schools in the city, pupils come from different backgrounds reflecting the vibrancy of the capital. The school also has children from disadvantaged backgrounds, whose first language is not English and SEN children. In the Summer of 2017, nearly 80% of the school's children in EY were below expected learning levels. The teachers firmly believed raising ELG-scores in technology would ignite and accelerate developments in areas such as reading, writing and mathematics. Burnt Ash found the solution offered by i3-Technologies stood out from other suppliers. It was much more imaginative, engaging and above all flexible.

15:00–15:20

**The Latest in Filtering, Monitoring and Device Management for Education**

**LOCATION:** Solutions Den 2  
**SPEAKERS:** Eric Shultz, Amazon Web Services Account Manager, Amazon Web Services. Rob Chambers, VP, Global Customer Success, Lightspeed Systems.  
**SPONSORED BY:** Lightspeed Systems

Join Lightspeed Systems and Amazon Web Services and learn how we can help schools transform devices into powerful tools for learning. As 1:1 and BYOD becomes more prevalent in education, students are able to access rich and engaging online resources wherever they are. This brings up the challenge of ensuring the devices are safe, managed and monitored. Whether they're accessing an SSL site or a YouTube video, whether they're in lesson or at home, Lightspeed Systems has the tools to ensure they're protected and managed, meeting Ofsted, Prevent Duty and KCSIE e-safety regulations. Visit the session to learn how you can effectively manage and track your mobile

devices, empower your teachers with intuitive classroom management tools and give your IT departments an all-in-one centralised platform for filtering, MDM, reporting and safety – all from the cloud and powered by Amazon Web Services.

15:40–16:00

### Solutions for Superhero SENCOs

**LOCATION:** Solutions Den 2  
**THEMES:**  
**SPEAKERS:** Duncan Wilson, Director, Edukey Education Ltd  
**SPONSORED BY:** Tes

The management of SEND in schools is an increasingly complex issue with a heavy workload burden on SENCOs. This session will focus on the use of Edukey's Provision Map platform – a powerful management information system specifically designed for SENCOs. The platform encompasses all of the Assess-Plan-Do-Review tools a busy SENCO needs such as plans, provision mapping, reporting and reviews. Provision Map can also provide a MAT/Local Authority dashboard to assist with strategic management of SEND.

### ON AT PEER TO PEER CONNECT:

10:00–11:00

### Meet your peers

**LOCATION:** Peer to Peer Connect  
**SPONSORED BY:** Bett and EDUCATE

If it's your first visit to Bett, or you plan to come on your own, we're running a morning meet-up session to help you get the most from your visit. We'll be welcoming you to Bett and facilitating a networking session at 10.15am, followed by a 15 minute interactive session from EDUCATE on effective EdTech.

11:15–12:00

### What's key for unlocking staff digital literacy at FE institutions?

**LOCATION:** Peer to Peer Connect  
**THEMES:** 21 Century Skills/ Teaching Tech/ Institute Tech  
**SPEAKERS:** Deborah Millar, Group Director of Digital Learning Technology, Grimsby Institute of Further and Higher Education  
**SPONSORED BY:** Canvas

Choosing and using the right bait for the right people is the way to success. There's always time to be saved, barriers to overcome, efficiencies to be made to reach higher levels of success and achievement. Join this session to gain some tips, tricks and quick wins for your institution. To register for this session please visit <https://www.bettshow.com/canvas-lunch--level-up-roundtable-sessions-at-bett-2019> TARGET AUDIENCE: Further Education.

12:30–13:15

### How next generation pedagogical models are driving growth

**LOCATION:** Peer to Peer Connect  
**THEMES:** 21 Century Skills/ Teaching Tech/ Institute Tech/ Strategy  
**SPEAKERS:** Eric Slaats, Associate Professor, Fontys ICT University of Applied Sciences. Martijn Ruissen, Lecturer, Fontys University of Applied Sciences – Department of ICT.  
**SPONSORED BY:** Canvas

Educators often hear that with rapid changes in technology and society, universities need to shake up their pedagogy in order to give students strong transferable skill sets. In imparting problem solving skills, the ability to collaborate with peers, or building research skills, greater freedom and individualisation for students is required. The key to unlock this new pedagogical model? Data. The data and analytics offered by VLEs like Canvas are often used by educational organizations just as Business Intelligence. But by using this same rich dataset to provide actionable insights into student performance, we can support every student in his or her personal learning journey. This keynote reveals how educators can provide a balance between openness and control, harnessing the power of good teaching and applying it to the need for student empowerment and freedom. To register for this session please visit <https://www.bettshow.com/canvas-lunch--level-up-roundtable-sessions-at-bett-2019> TARGET AUDIENCE: Higher Education.

13:45–14:45

### Meet the speakers – cultivating creativity

**LOCATION:** Peer to Peer Connect  
**THEMES:** 21 Century Skills/ Inspiration/ Teaching Tech/ Pedagogy  
**SPEAKERS:** Francesc Solans, Technology Teacher, INS Josep Vallverdú, Spain. Mitch Resnick, LEGO Professor of Learning Research, MIT Media Lab. Simen Spurkland, Teacher, Vøyenenga Upper Secondary School  
**SPONSORED BY:** Bett

Meet Mitch, Simen and Francesc, fresh from delivering sessions on the Arena, for a relaxed and informal Q&A session.

14:45–15:00

### Edtech Impact Surgery

**LOCATION:** Peer to Peer Connect  
**THEMES:** Teaching Tech/ Institute Tech/ Strategy  
**SPEAKERS:** Michael Forshaw, Founder & CEO, Edtech Impact  
**SPONSORED BY:** Edtech Impact

Are you getting value for money with your edtech purchases? Do you know which edtech software will have the biggest impact on student outcomes in your complex school environment? Edtech Impact's new light-touch evaluation framework helps busy educators measure the effectiveness of edtech products on different student outcomes. This snappy 15 minute surgery will run through the various considerations for conducting an in-school

impact study, creating robust evidence around the impact of edtech products – pre and post purchase – to ensure your school is getting value for money with technology.

15:00–16:00

### Help DfE improve its service to schools

**LOCATION:** Peer to Peer Connect  
**THEMES:** Strategy  
**SPEAKERS:** DfE Team  
**SPONSORED BY:** DfE

Join us for an informal and interactive discussion to explore how we can improve the services we provide to your schools. Help us understand your needs so we can design services that make it easier for you to deal with us in future. We want to learn about how you interact with DfE and are interested in the services you access regularly to run your school or trust, as well as those you use less often. These sessions are open to anyone, but they'll be particularly interesting for CEOs, headteachers and the business managers of primary or secondary schools of all types. Register your interest at [www.smartsurvey.co.uk/s/BETT2019/](http://www.smartsurvey.co.uk/s/BETT2019/) and let us know which of the daily 15:00–16:00 sessions you'd like to attend.

16:00–17:00

### Glow – Scottish Schools Digital Network, Connecting Learning

**LOCATION:** Peer to Peer Connect  
**SPEAKERS:** Kirsty McFaul, Senior Education Officer, Education Scotland  
**SPONSORED BY:** Education Scotland

Glow was launched in 2009 and was the world's first national education intranet. Join the team from Education Scotland as they take you through the Glow journey and discuss the impact Glow has had on learning and teaching across Scottish education. Discover the 21st Century learning tools that have been embedded within Glow and how Scotland are developing the young work force through these digital tools. Glow provides a platform for learners to work in a variety of ways, from collaborating with peers to working individually at their own pace. Glow services are free to all Scottish students and can be accessed at anytime, anywhere, and on any device. Glow offers a number of tools and services to help enrich and enhance learning across the curriculum. Sharing teaching materials, designing online resources and activities to engage learners and take part in professional learning opportunities.



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17:00–17:45

### Meet the speakers – Post 16 Theatre

**LOCATION:** Peer to Peer Connect

**SPEAKERS:** David Cuartielles, Co-founder, CTO Education, Arduino

**SPONSORED BY:** Bett

Meet David, fresh from delivering his talk on the Post 16 stage, for a relaxed and informal Q&A session.

**ON AT THE BETT ARENA:**

Today's sessions are hosted by Jon Tait and Karine George

Jon Tait, Deputy Head Teacher  
Karine George, Educationalist

10:30–11:00

Connecting classrooms with artificial intelligence (AI) and emotional intelligence (EQ)

**LOCATION:** The Bett Arena

**THEMES:** Futures/ Inspiration

**SPEAKERS:** Erika Brodnock, Founder and CEO, Karisma Kidz. Tony Sewell, Founder and CEO, Generating Genius.

One thing is certain, on the path toward grasping and applying artificial intelligence, uncertainty. But what's also assured is the opportunity to broaden the lives of children across different sectors. This session, led by Erika Brodnock, will discuss the changing educational landscape, and how we can apply artificial intelligence and machine learning to bring together inspirational, inclusive and pertinent ideas that will strengthen children's experiences beyond the classroom. Dr Tony Sewell CBE will discuss his mission for generating genius both within and beyond the classroom and the principals he adopted to enable STEM engagement with some of the hardest to reach cohorts of students. He will also outline his pioneering work utilising AI to connect classrooms across the globe, enabling teachers and students to learn collaboratively and share good practice.

**HOSTED BY:** Karisma Kidz

11:00–11:30

Nudge, Stretch, Boost, Connect: Growing Humans in the Digital Age

**LOCATION:** The Bett Arena

**THEMES:** Futures/ 21 Century Skills/ Inspiration

**SPEAKERS:** Alex Beard, Senior Director, Teach For All. Jared Stein, VP of Higher Education Strategy, Canvas by Instructure.

AI's rapid rise is forcing us to question the powers of our own minds. If we can outsource thought, what's the point of our human brains? In this lively talk, Alex Beard and Jared Stein will explore the frontiers of human and machine learning to show why we shouldn't be worried just yet. Smart machines do risk making us stupid, but if we take human minds as our starting point and ask how our latest inventions can support our development, they can be harnessed to augment our own intelligence. If we combine tech's attention-grabbing, data-processing and learning powers with our latest understanding of how humans best learn, we can fuel our own individual and collective growth, boosting our collective creativity, strengthening our productivity and helping us fulfill our natural born potential to learn.

**HOSTED BY:** Teach For All and Canvas by Instructure

12:00–12:30

Accessibility at Apple: innovating for all

**LOCATION:** The Bett Arena

**THEMES:** SEN/ Teaching Tech/ Strategy

**SPEAKERS:** Sarah Herrlinger, Director, Global Accessibility Policy & Initiatives, Apple

We believe technology can play a powerful role in helping students be more productive, creative, collaborative and engaged, regardless of learning style, so we build accessibility features into everything we make. Learn about the power of accessible design to create the most engaging learning experiences for all.

12:30–13:00

Duty of care: real-time information sharing to keep people safe

**LOCATION:** The Bett Arena

**THEMES:** Institute Tech/ Strategy

**SPEAKERS:** Alan Giles, Managing Director, UK & Ireland/Middle East & Africa, BlackBerry. Chris Ullah, BlackBerry. Ben Edwards, Assistant Bursar (Finance and Operations), Concord College.

Education institutions have a duty of care to those studying, employed or visiting their facilities and public safety is a growing issue worldwide. In today's unpredictable world the ability of different organisations to communicate quickly, securely and without confusion could be the difference between life and death. Emergency incidents happen quickly, the most important thing for decision-makers is to receive and share correct information, then act on it quickly to keep people safe. This session will include practical advice and an appearance from a prominent UK college who is using technology to keep people safe in times of crisis.

**HOSTED BY:** BlackBerry

13:30–14:00

Empowering your students to become critical consumers of the news

**LOCATION:** The Bett Arena

**THEMES:** 21 Century Skills

**SPEAKERS:** Charlene White, Journalist and Presenter, ITN. Josh Phillips, Education Associate, Institute of Strategic Dialogue. Steph Neale, Headteacher, Beatrix Potter Primary School.

More than ever, it is vital that students of all ages are not just informed about the wider world around them but are able to distinguish fact from opinion and discriminate between facts and disinformation. In this session Discovery Education, in partnership with ITN Productions and the Institute for Strategic Dialogue, will discuss the importance of incorporating the news into your classroom as a tool to build literacy skills, engage students in thinking critically about the information they consume in the media, and develop them as empowered citizens in the 21st century. We will

showcase a variety of tools to engage students in analysis and discussion, ensure that they are safe online and create an environment in which to discuss stories which may be difficult or unsettling.

**HOSTED BY:** Discovery Education

14:00–14:30

The classroom's your stage, give creativity a starring role

**LOCATION:** The Bett Arena

**THEMES:** 21 Century Skills/ Inspiration/ Pedagogy

**SPEAKERS:** Sir Anthony Seldon, Vice-Chancellor, University of Buckingham. Jacqui O'Hanlon, Director of Education, Royal Shakespeare Company. Mala Sharma, Vice President & General Manager of Creative Cloud, Adobe Inc, Prakruti, student, Alperton Community School.

'The fire in the flint / shows not till it be struck' Timon of Athens Educators and employers around the world agree that creativity is critical to students' future success. Yet the value of infusing creative skills like collaboration, self-belief, problem-solving, and critical thinking into classrooms remains undervalued, underfunded and sometimes feels excluded from the curricula. When educators find a way to weave creativity into their classes, magic happens. In this session, you're going to find out exactly how infusing creative capacities into any subject at all levels of study can have a profound impact on a young person's learning, confidence and what they believe possible for their futures. This talk will be jointly delivered by Adobe and the Royal Shakespeare Company so you can expect plenty of theatre, craft and, yes, creativity! 'O this learning, what a thing it is!' Gremio, The Taming of the Shrew.

**HOSTED BY:** Adobe

15:00–15:30

Making technology work for schools, lessons from EDUCATE

**LOCATION:** The Bett Arena

**THEMES:** Teaching Tech/ Institute Tech/ Strategy

**SPEAKERS:** Rose Luckin, Professor of Learner Centred Design, UCL Knowledge Lab. Gary Kynaston, Headteacher, Hammersmith Academy.

As the EdTech agenda in the UK continues to grow and the availability of EdTech increases, consumers and practitioners have had to become more discerning. The need to evidence how technology is supporting learning is greater than ever, especially for schools where shrewd stewardship of resources is essential. To really take advantage of technology, we need to think about learning holistically, remembering that in order to learn, we need to feel motivated and to have purpose. Technology serves learning best when people understand what it is they want to achieve, and when developers understand how people learn. This session will explore the exciting and transformational learning that is possible with technology, as well as providing practical approaches on how to successfully integrate new technology into your school based on EDUCATE's work with teachers.

**HOSTED BY:** Knowledge Lab, UCL

15:30–16:00

### Schools VR project, let us take you on a journey

**LOCATION:** The Bett Arena  
**THEMES:** Teaching Tech  
**SPEAKERS:** Helen Skelton, Television Presenter, BBC, Molly Zieleszinski, Founder and Creative Director, MBZ Labs. Paul Khan, Deputy Director of Education and Visitors, National Museums Liverpool. Rich Henderson, Director Global Education Solutions, Lenovo. Rob Rayner, Teacher.

Redefining the "school trip", learn how a Leicestershire Primary School and College turned a visit to the World Museum in Liverpool into an opportunity to film, edit and create their own VR Content. BBC Presenter Helen Skelton, teachers from the school, museum representatives and acclaimed UK academic Molly Zieleszinski debate the value of using technology throughout the syllabus to boost engagement and build core skills. The VR Schools Project allows pupils to develop collaboration, creativity and critical thinking skills and shows the benefits of the pupils sharing the VR and website output with an authentic audience.

**HOSTED BY:** Lenovo

16:30–16:45

### Evolution in education and technology and where to next

**LOCATION:** The Bett Arena  
**THEMES:** Inspiration/ Strategy  
**SPEAKERS:** Tony Cann, EdTech Pioneer, Bowland Charitable Trust

Founder of Promethean, Tony Cann CBE is one of the original ed-tech pioneers who introduced technology to over a million classrooms around the world. But in this surprising BETT talk, Tony explains why his greatest achievement felt more like a disappointment. Days after his 80th birthday, Tony examines a lifetime of experience and evolution. From Lancashire weaving factories to classrooms across continents, Tony explains how he learned the crucial difference between a tool for change, and the change itself. Have we put technology that "tests" ahead of real teaching? Have we prioritised pupil entertainment ahead of real learning? Have we forgotten the importance of people in the pedagogy? When will we finally be able to use technology to realise the full potential of all our learners and teachers? What is holding us up and why is it so important that we succeed?

**HOSTED BY:** Bowland Charitable Trust

16:45–17:15

### An author's perspective: making writing exciting!

**LOCATION:** The Bett Arena  
**THEMES:** Inspiration  
**SPEAKERS:** Anthony Horowitz, Author. Chris Willan, Head Teacher, Water Primary School. Cressida Cowell, Author. Devina Neil, Published Author and Year 6 Pupil, Water Primary School. Henry Smith, Co-founder, Pobble. Jared Green, Published Author and Year 6 Pupil, Water Primary School.

We explore how to develop a love of writing in children. Far too easily, we resign to the fact that in a digital age these skills –important as they may be– will suffer. Top children's authors Cressida Cowell and Anthony Horowitz beg to differ. In an interactive discussion, Pobble co-founder Henry will ask them and guests from Water Primary School: how can we make writing ridiculously exciting? We will explore the authors' personal journeys to becoming published. Ask what inspired them at a young age and how what influences them now when they produce their masterpieces? And, of course, how do they pass on their passion to the next generation?

**HOSTED BY:** Pobble

17:15–17:30

### Digital tools to help amplify students' voices

**LOCATION:** The Bett Arena  
**THEMES:** Teaching Tech/ Pedagogy/ Strategy  
**SPEAKERS:** Kathi Kersznowski, Technology Integration Specialist, Washington Township Public Schools, USA. Paul Watkins, Leader Of Digital Learning, Ysgol Bae Baglan, Wales.

In this session join two educators from different countries as they discuss the impact that tools such as Flipgrid and Skype can have on teaching and learning, but more importantly the platform it provides in the development of confident learners. From capturing a pupil's thought process to developing their skills in a modern language, from improving their reading to capturing and discussing views and opinions, the emphasis is on empowering the student voice. This session will provide practical help and inspiration on amplifying students voices in the classroom, the school, and even the world! Teaching students that their voices are heard and that they matter becomes an essential life skill that empowers connected, empathetic, and global communicators of the future!

**HOSTED BY:** Ysgol Bae Baglan

18:00–19:30

### Live edtech surgery and Q&A

**LOCATION:** The Bett Arena  
**THEMES:** Teaching Tech/ Institute Tech/ Strategy  
**SPEAKERS:** Abdul Chohan, Co-Founder, The Olive Tree School. Matt Harris, Owner and Chief Consultant, International EdTech. Matt Harris, Owner and Chief Consultant, International EdTech. Neelam Parmar, Director of E-Learning, Ashford School, United Learning.

The EdTech Surgery is an interactive evening session featuring a panel of specialists in the areas of leadership, vision, infrastructure, educational workflows, pedagogic and curriculum integration. Drawing on years of expertise in Apple, Microsoft and Google operating systems, and having worked and consulted in many schools, Abdul, Neelam and Matt will diagnose and troubleshoot through rapid Q&A and offer solutions or approaches to challenges and opportunities. They'll be sharing their thinking processes and list of do's, don'ts and mistakes to avoid. If you would like to take part in sharing and developing your #edtech strategy live on stage, please send your request to [content@bettshow.com](mailto:content@bettshow.com).

**HOSTED BY:** Neelam Parmar, Abdul Chohan and Matt Harris

## ON AT THE SCHOOLS THEATRE:

### Today's sessions are hosted by Dave Smith and Amanda Jackson

Havering School Improvement Services – UK

10:15–10:45

### Evolving technologies for the scientists of the future

**LOCATION:** Schools Theatre  
**THEMES:** 21 Century Skills/ Inspiration  
**SPEAKERS:** Claire Vyvyan, Senior Vice President – UKI Commercial Business, Dell EMC. Nathan Good, Lead Product Manager, Digital Media and Marketing, Natural History Museum.  
**SPONSORED BY:** Dell Technologies

Dell Technologies' values, as detailed in our Legacy of Good 2020 Plan, are based on the belief that IT should drive human progress. Working with the Natural History Museum, Microsoft and Intel to create innovative technologies and apps, we are helping to inspire the scientists of tomorrow, by empowering children to engage with the nature on their doorstep and encouraging them to explore the world around them, through the power of digital technology. Learning evolves and expands, beyond the classroom's walls, for an immersive, more interactive, anytime and anywhere experience.

11:00–11:30

### How physical computing better addresses real world challenges

**LOCATION:** Schools Theatre  
**SPEAKERS:** Joe Finney, Senior Lecturer, Lancaster University. Steve Hodges, Principal Researcher, Microsoft Research. Sue Sentance, Chief Learning Officer, Raspberry Pi Foundation.  
**SPONSORED BY:** Microsoft

Policymakers and educators around the globe acknowledge the importance of computer science education. Traditional teaching tools and methodologies, though, do not necessarily address the needs of a diverse, global student population or the latest developments in modern programming and data science. Combining software and hardware to build interactive physical systems that sense and respond to the real world has been shown to result in broad engagement across a spectrum of users. The speakers will explain how educators and school leaders can incorporate more physical computing in their teaching and create activities that use tools such as micro:bit, MakeCode (the coding environment for the micro:bit), Crumble, Raspberry Pi, LEGO and others.

11:45–12:15

### Supporting your students with BBC Bitesize and BBC Teach

**LOCATION:** Schools Theatre  
**THEMES:** Pedagogy  
**SPEAKERS:** Andrew Tomlinson, Executive Producer – BBC Teach, BBC Learning, Matthew Burton, Headteacher, Thornhill Community Academy.  
**SPONSORED BY:** BBC Learning

BBC Bitesize is the most popular dedicated education site for students in the UK and has supported their curriculum needs for 20 years – find out how your students can get help with homework, revision and learning from their first day of primary school right through to taking exams and planning a career. Hosted by Educating Yorkshire's Mr Burton, this session will also be an opportunity for teachers to hear about BBC Teach, the new home to the BBC's free curriculum-linked teaching resources for use in the classroom.

12:30–13:00

### Music memory and mobile phones

**LOCATION:** Schools Theatre  
**THEMES:** Inspiration/ Teaching Tech  
**SPEAKERS:** Carmel Bones, Author, CPD Provider, and Teacher trainer. George Hammond-Hagan, Founder CEO, Studytracks. Laura Ferreri, Postdoctoral Researcher and Associate Professor, Barcelona University.  
**SPONSORED BY:** Studytracks

Music has a profound effect on our ability to remember and recall information – but why is this and how can this be harnessed to impact learning outcomes in and out of the classroom. This session will explore the science behind how and why songs get stuck in your head and how you can use this to drive engagement and achievement.

13:15–13:45

### Effective STEM learning through playful hands-on resources

**LOCATION:** Schools Theatre  
**THEMES:** 21 Century Skills/ Teaching Tech/ Pedagogy  
**SPEAKERS:** Maria Gkountouma, English Language and ICT teacher and trainee at the European Commission, European Commission. Chris Wilde, Head of Digital Technology & Computing, Royal Grammar School, Newcastle.  
**SPONSORED BY:** LEGO Education

Hands-on learning is how ideas and concepts reach children's minds best. This belief is shared by many teachers from countries around the world who intentionally use technologies such as LEGO bricks to enhance learning in their day-to-day

teaching. In this session, drawing on their own classroom experience, Chris Wilde from the UK and Maria Kouklatzidou from Greece will describe how they use technologies to engage children in playful, hands-on learning, and help them develop the creative capacities that they will need to thrive in the future. The audience will have the opportunity to ask questions about how these educators are helping their students become 21st century thinkers, leaders and change-makers by recognizing the value of hands-on learning combined with core technology skills such as coding and engineering.

14:00–14:30

### A personalised learning initiative to improve the educational experience

**LOCATION:** Schools Theatre  
**THEMES:** Teaching Tech/ Strategy  
**SPEAKERS:** Philip Neufeld, Ed. D., Executive Officer of Information Technology, Fresno Unified School, California  
**SPONSORED BY:** Microsoft

Come hear how Fresno Unified School District (California) used Microsoft technology to implement a Personalised Learning Initiative that is helping students guide their own learning, so they can reach their full potential. With tools like Microsoft Office 365 and Microsoft Teams, the district encourages collaboration and helps both teachers and students find their own voice in the classroom, producing a meaningful and engaging educational experience. This case can serve as a blueprint for other schools considering the same transformation and needing tools specifically for collaboration and personalised learning.

14:45–15:15

### It's all about the apps – improving student experience

**LOCATION:** Schools Theatre  
**THEMES:** Institute Tech/ Strategy  
**SPEAKERS:** Rory Steel, Director of Services, CTO & DPO, Beaulieu Convent School. Simon Tompson, Meraki Product Marketing Lead, Cisco Meraki.  
**SPONSORED BY:** Cisco Meraki

Now that Wi-Fi is dominant in schools and workplaces, and applications continue their migration to the cloud, it's more vital than ever that the IT team has the tools to enable them to establish and maintain a great end user experience. Students and employees expect their IT to 'just work', from anywhere and however they choose to connect. It then falls to the IT team to ensure that every hop, from cloud-hosted server to Wi-Fi connected device, works in harmony. In this session, we'll dive into the trends that have been driving IT teams, and the new generation of tools that can help deliver a great experience. We'll hear from the IT lead from a technology-forward school about how they are using these tools and share some best practices on how to provide the perfect technology foundation for learning environments. Attend our conference and get a FREE Meraki Access point!

15:30–16:00

### Coding in cross-curricular lessons

**LOCATION:** Schools Theatre  
**THEMES:** 21 Century Skills/ Teaching Tech/ Pedagogy  
**SPEAKERS:** Michael O' Kane, School Principal, St. Peter's & St. Paul's Primary School Foreglen  
**SPONSORED BY:** Albion Computers PLC

Michael will share how teachers can use Swift Playgrounds, a free app on iPad to integrate coding into various subject areas. Attendees will obtain an insight into how the Swift programming language can be used to program connected devices such as Spheros in Mathematics, Art and Music lessons. Attendees will also see how Swift Playgrounds can be used to create cross-curricular projects applying the same techniques that app developers use.

16:15–16:45

### Exercising the mind: interactive gym for the 21st century

**LOCATION:** Schools Theatre  
**THEMES:** 21 Century Skills/ Inspiration  
**SPEAKERS:** Vincent Routhier, CEO, LÜ – Interactive Playground  
**SPONSORED BY:** LÜ – Interactive Playground

How can we encourage academic learning and physical activity, and limit sedentary activity among children, particularly in the school environment? This session will explore approaches that show promise in promoting and increasing physical activity linked to student academic performance. Join us as we ignite teaching and learning by turning the school gym into a giant, magical, immersive, interactive playground, where students are engaged in simultaneous integrated academic content and physical activity. This re-invented gym for schools of the 21st century will strengthen student academic and physical education outcomes, attitudes, and behaviors, while sparking enjoyment at the same time!

17:00–17:30

### Creating real life experiences for pupils

**LOCATION:** Schools Theatre  
**SPEAKERS:** James Massey, Head of Professional Development, Discovery Education – UK  
**SPONSORED BY:** Discovery Education

How do we successfully bring the world into the classroom and create real life experiences for our pupils? Is the DFE's latest Activity Passport initiative the solution teachers have been looking for or is there another way? Hosted by James Massey, Discovery Education's Head of Professional Development, this session will allow educators to discuss these issues in an open forum and share advice and guidance to maximise the experiential learning opportunities we offer.

18:15–19:45  
The After School Club

**LOCATION:** Schools Theatre  
**SPONSORED BY:** XMA

Teacher workloads, shrinking budgets and measuring success are just a few of the key challenges educators are facing today. Following on from the 2018 Schools Budget announcements, it's now clearer than ever that schools are challenged on making their budgets stretch as far as possible, with no real guarantee of additional future investment. The After School Club is an exclusive event for school leaders to gain a deeper understanding of how implementing technology and introducing it into your curriculum can be beneficial, cost effective and sustainable. XMA can help you on your journey of discovery. Register here: <https://www.xma.co.uk/news-and-events/events/the-after-school-club/>

**ON AT THE POST 16 THEATRE:**

Today's sessions are hosted by Bob Harrison and Paul McKean

Bob Harrison, Trustee, Ufi Charitable Trust  
Paul McKean, Head of Further Education and Skills, JISC

10:15–10:45  
Delivering virtual labs – pilot review with Google, Labster, Lenovo

**LOCATION:** Post 16 Theatre  
**THEMES:** 21 Century Skills/ Teaching Tech/ Pedagogy  
**SPEAKERS:** Jennifer Holland, Program Manager, G Suite for Education and Daydream, Google. Maarooof Fakhri, VR Evangelist and Product Manager, Labster. Rich Henderson, Director – Global Education Solutions, Lenovo  
**SPONSORED BY:** Lenovo

This session will delve into the partnership with Google, Labster, and Lenovo to deliver full online courses with labs offered in VR. Labster has created a set of undergraduate virtual reality lab experiences covering the subjects of cell and molecular biology, ecology and physiology. In Fall 2018, students at Arizona State University (ASU) began the pilot for a fully online biology degree with an accredited VR lab from Labster and the Mirage Solo from Lenovo. Come hear the results of the pilot at ASU, as well as results from other US and International universities.

11:00–11:30  
Teaching the skills HED students need for future career success

**LOCATION:** Post 16 Theatre  
**THEMES:** 21 Century Skills/ Teaching Tech  
**SPEAKERS:** Andy Beggan, Dean of Digital Education, University of Lincoln. Tacy Trowbridge, Head of Education Programs, Adobe Inc.  
**SPONSORED BY:** Adobe

The Three 'R's' – reading, 'riting, 'rithmetic – are the skills that students were always told they had to master if they were going to succeed once they left school. But as the world has evolved, so have the soft, creativity-based skills that employers expect their new hires to possess for success in the workplace, especially in professions such as journalism, accounting, business, marketing and communications. This presentation will highlight the importance of teaching students the skills, tools and resources that are needed for the jobs they will be seeking upon graduation – creativity and creative problem solving. You'll also hear from Andy Beggan, Dean of Digital Education at the University of Lincoln, and learn about their digital strategy and Digital Education Transformation, the impact that is having on campus, and insight into effective strategies to inspire students and faculty into the digital era.

11:45–12:15  
Using Minecraft as a virtual field trip – an academic's journey

**LOCATION:** Post 16 Theatre  
**THEMES:** Inspiration/ Teaching Tech/ Pedagogy  
**SPEAKERS:** Prof. Tim Thompson, Associate Dean (Learning & Teaching), Teesside University  
**SPONSORED BY:** Microsoft

As part of the Teesside University's Future Facing Learning Strategy (FFL), all FT undergraduates from September 2018 are equipped with an Apple iPad, enhanced by Teesside University's FFL Digital Toolkit digital toolkit, used inside and outside the classroom to support them in preparing for professional life. This enables students in the School of Science, Engineering & Design to participate in unique game-based learning opportunities. Minecraft Education Edition, recently available on iPads, gives these students a voice, empowering them to shape the environments in which they learn. Beyond this current initiative, Teesside University is working with students to create, explore and learn about sustainable environments through the use of Minecraft.

12:30–13:00  
Career-effective Higher Education: technology as part of the solution

**LOCATION:** Post 16 Theatre  
**SPEAKERS:** James Wright, Recent graduate, Pearson College; Senior Associate, Aerospace & Defence, Carmichael Fisher. Jane Baker, Director,

Higher Education Qualifications, Pearson. Nuno Guarda, Head of Corporate Affairs UK & Ireland, Cisco. Rebecca Mameli, Head of Higher Education Research & Qualifications, Pearson.  
**SPONSORED BY:** Pearson

Panellists will explore how effective career higher education is both informed by, and supports, graduate employment and delivers skills for industry, and how technology has a part to play in making this possible.

13:15–13:45  
Enable and empower student voice by fostering active learner communities

**LOCATION:** Post 16 Theatre  
**THEMES:** 21 Century Skills/ Teaching Tech/ Pedagogy/ Institute Tech  
**SPEAKERS:** Andrew Sprake, Lecturer in Physical Education, University of Central Lancashire. Chris Melia, Senior Learning Technologist, University of Central Lancashire. Nick Bohannon, Senior Lecturer in Mental Health Nursing, University of Central Lancashire.  
**SPONSORED BY:** Microsoft

Digital transformation is topical to HE institutions as they focus on what tools and technologies will best prepare their students for the immediate future. Chris Melia carries experience as a Senior Learning Technologist and will share context around how solutions like Microsoft Teams directly support the University's Learning and Teaching Strategy. Alongside colleagues, Chris will showcase how UCLan are enabling digital transformation among both students and staff, through using Microsoft Teams. Nick Bohannon and Andrew Sprake – both academics at the University, will share undergraduate and postgraduate case studies on how Teams supports the fostering of learner communities and has enabled students to become more engaged with their learning. Participants will walk away understanding the map between technology and student collaboration, and will hear about the impact that these solutions have on students' studies and future career.

14:00–14:30  
From education to employment with BBC Bitesize

**LOCATION:** Post 16 Theatre  
**THEMES:** Teaching Tech/ Pedagogy  
**SPEAKERS:** Matthew Burton, Headteacher, Thornhill Community Academy. Rebekka Campbell, Executive Producer – BBC Bitesize, BBC Learning.  
**SPONSORED BY:** BBC Learning

Providing free, online learning resources since 1998 and used by 80% of UK secondary school students, BBC Bitesize is a much-loved institution. It has supported the curriculum needs of students for 20 years, but we want it to also support young people's wider learning needs. Hosted by Educating Yorkshire's Mr Burton, this session will be an opportunity to explore a brand-new part of BBC Bitesize as it supports students on their journey beyond school life. Whether your students are deciding what to study, planning a career, or looking for help in coping with life, we're here to

support, with advice from people who've been through it and found the right path for them.

## ON AT SOLUTIONS DEN 1:

11:00–11:20

### GDPR survey results: are schools sinking or swimming?

**LOCATION:** Solutions Den 1

**SPEAKERS:** Steve Baines, Data Protections Officer, Groupcall

**SPONSORED BY:** Groupcall

During the autumn term, Groupcall conducted a piece of nationwide research to explore how well schools have coped with the additional workload of preparing for compliance with the latest data protection legislation. Hundreds of schools responded to our survey and this session will present the findings and offer you the opportunity to benchmark the results to your own experience. How have you had to deal with Subject Access Requests? Have you already had a data breach? How have you managed data sharing with educational software providers? Groupcall Data Protection Officer, Steve Baines, has trained thousands of educationalists over the past year on the GDPR. As well as highlighting where schools have performed well – and where more work remains to be done – Steve will outline the most common data protection pitfalls and detail how you can avoid them.

11:40–12:00

### Making multi-use iPad work

**LOCATION:** Solutions Den 1

**SPEAKERS:** Chris Reynolds, Systems Engineer, Jamf. Ross Drummond, Systems Engineer, Jamf.

**SPONSORED BY:** Jamf

A reported 70% of UK schools are using iPad\* and with the majority of these used by multiple students, the challenge for school leaders and IT in these scenarios is; how can we create unique personalised learning experiences? How do we digitally sanitise the device, ready for the next user? And ultimately, how do we get the most significant return on investment? What we'll cover

- A quick recap on Apple School Manager and deployment options
- Initial configuration
- Multi-personal shared device with Jamf Setup
- Personalised shared device with Apple Shared iPad
- Shared device reset with Jamf Reset

12:20–12:40

### Class Charts – Breaking behaviour barriers with technology

**LOCATION:** Solutions Den 1

**SPEAKERS:** Duncan Wilson, Director, Edukey Education Ltd

**SPONSORED BY:** Tes

Pupil behaviour and low-level disruption are big barriers to teaching and learning with OECD reporting that up to 20% of teaching time can be lost due to pupil behaviour issues. This session will be delivered by Duncan Wilson, who was teacher for 16 years and founder of Class Charts, an artificial intelligence driven behaviour management platform. Duncan will discuss how his experience in the classroom has contributed towards building a BETT Award winning software solution that makes a huge impact on reducing exclusions and low-level disruption.

13:00–13:20

### IT education for children: scaling quality

**LOCATION:** Solutions Den 1

**SPEAKERS:** Mikhail Lebedev, Director of product management, Logika

**SPONSORED BY:** Logika

The Logika Head of Product will share his unique experience in building a successful international school of programming for children. In just two years, the number of students in the school increased from 50 to tens of thousands. With such dynamic growth, it was important for us to automate processes while at the same time preserving the quality of the product. And we definitely succeeded. Our team of programmers and methodologists at Logika developed a proprietary IT platform which has helped train more than 600 teachers in 92 cities and 11 countries. We will talk about:

- how to preserve product quality when scaling;
- which learning processes need to be automated;
- which tools we provide the teacher with so that they can quickly immerse themselves in the subject and achieve real results with the children;
- how we work with feedback, as well as which metrics and control

13:40–14:00

### 3 easy steps to safeguarding your pupils, staff and reputation

**LOCATION:** Solutions Den 1

**SPEAKERS:** Martin Baker, Managing Director, One Team Logic (MyConcern)

**SPONSORED BY:** One Team Logic (MyConcern)

A surprisingly large (and growing) number of Headteachers, senior leaders, Designated Safeguarding Lead (DSL) and other members of school staff are being summoned as witnesses to a wide range of courts and tribunals. School leaders and staff are now regularly required to give statements, to appear as witnesses and to produce records relating to child protection and safeguarding concerns affecting their pupils. This is never an easy experience and can have a significant impact on leaders, staff members and the reputation of schools. This session will provide you with the practical steps that you can take to prepare yourself, your staff, your governing body and your school for such an eventuality.

14:20–14:40

### Talk. The Write Stuff

**LOCATION:** Solutions Den 1

**SPEAKERS:** Paul Hutton, Apple Education Expert, Academia

**SPONSORED BY:** Academia

Purposeful well-structured talk is not just an essential precursor to high quality writing but can also be an invaluable outcome in its own right. Many curriculum objectives lend themselves directly to an oral outcome including performance poetry, persuasion, instructions, explanations of mathematical processes and explanation of scientific concepts. iPad is a powerful tool which provides learners with ways to visualise a concept or learning focus; organise their thinking; then explain and finally demonstrate their understanding. Come along and see Paul Hutton, Apple Professional Learning Specialist, share touching, delightful and powerful examples of ways in which primary and secondary schools have used iPad to empower learners to show their understanding and love of learning.

15:00–15:20

### STEM360: Inclusive STEM Education at the K12 level

**LOCATION:** Solutions Den 1

**SPEAKERS:** Mehmet Sencer Corlu, STEM Director, Bahcesehir University. Nevzat Kulaberoglu, Executive Board Member, Bahcesehir Ugur Educational Institutions.

**SPONSORED BY:** BAU Global

BAUGlobal is a network of educational institutions that provides over 200K students across the globe with the highest standards of STEM education. Integrated Teaching Framework, which has been originally developed as a data-driven roadmap for middle and high school teachers, is later adapted at the K4 level as the earlySTEM program. The curriculum and professional development were supported by BAU Faculty of Educational Sciences and its renowned BAUSTEM Center. While the theoretical underpinnings and impact of the program on student and teacher gains will be presented by the principal investigator, the president of Ugur Schools will explain their experiences from a more practical point of view. Thus, the main purpose of this session is to provide the audience with first-hand experiences so that they can critically assess the value of university-school collaboration in the development and implementation of similar research-based programs in STEM education.

15:40–16:00

### Enabling a Safe & Connected Learning Environment

**LOCATION:** Solutions Den 1  
**SPEAKERS:** Ian Ridsdale, UK Public Sector/Education, Fortinet  
**SPONSORED BY:** Fortinet

The internet, portable smart devices, and Wi-Fi, has empowered educators with new methods and tools to teach and reach students that were not available to them before. This reliance on technology does lead to an interactive and improved learning experience (through devices, online resources, etc.) however, this same technology introduces security risks into the school network leading to the vulnerability to security breaches. Alongside digital transformation, schools are also vulnerable to a risk that is unique and particular to them and that risk is the very reason they implement cybersecurity in the first place... their students...or to be more precise, protecting their students. In addition to this, more than any other generation before them, children today are technologically savvy and are part of the "social media" generation, which itself brings further cyber risk to the school network. I aim to explore how Fortinet can help schools in addressing these issues.

16:45–17:30

### Bett MEA Event Launch

**LOCATION:** Solutions Den 1  
**SPEAKERS:** Dr Masood, Abu Dhabi Education Council (ADEK), Dr Zahra, Abu Dhabi Education Council (ADEK), Sonal Ghelani, Event Director for Bett Asia and MEA, Bett.  
**SPONSORED BY:** Bett

Introduction to MEA 2019 and key theme/trends – This year's theme is 'Building a successful change culture to meet the evolving needs of 21st-century citizens'. Building a change culture was identified as the biggest challenge by education leaders in the MEA region and providing students with the skills they require for the unknown future of the labour market was a major determinant for success. We will present our findings and key themes developed from our research. Networking & refreshments Expo tour for delegations (optional)

## ON AT SOLUTIONS DEN 2:

10:20–10:40

### Samsung Flip

**LOCATION:** Solutions Den 2  
**SPEAKER:** Kevin McGlasson, BDM Corporate and Transportation, Samsung.

Synopsis: Learn how Samsung Flip is the simplest, most stable product for your learning space. Samsung has added its magic again, combining a blend of intuitive user experience and reliability you have come to know from Samsung products. Allowing you to annotate, connect your devices easily and present so simply it has to be seen to be believed. Also learn how you can win some Samsung Flips for your school, college or university.

11:00–11:20

### Implementing Technology is Easy – Said No-One Ever

**LOCATION:** Solutions Den 2  
**SPEAKERS:** Tom Able-Green, Education Solutions Manager, Academia  
**SPONSORED BY:** Academia

Making technology decisions for teaching and learning in our education establishments need to be robust and future-proof. Hear and see about some of the important statistics we should be considering as part of your vision – as deploying and implementing technology can be challenging. Planning is essential – build a strong strategy first, devices second.

11:40–12:00

### Blockchain in Education

**LOCATION:** Solutions Den 2  
**SPEAKERS:** Freddy Elturk, CEO, Vizidox Solutions Limited (VDX)  
**SPONSORED BY:** Vizidox Solutions Limited (VDX)

Vizidox Solutions (VDX) showcases its breakthrough approach to education credentials at BETT 2019. VDX is set to profoundly disrupt the way education credentials are issued, accessed and verified. In 2019 VDX partnered with SAE Institute, global creative media educator, in the successful issuance of degree qualifications using its innovative application of blockchain technology to education credentials. Join us and discover more about our disruptive solutions for education.

12:20–12:40

### Transform the way you run your MAT with Arbor MIS

**LOCATION:** Solutions Den 2  
**SPEAKERS:** Stephen Higgins, Product Lead, Arbor Education, Tim Ward, Senior Partnership Manager, Arbor Education.  
**SPONSORED BY:** Arbor Education

As your MAT grows, relying on a mixture of legacy, server-based systems & Excel to manage your schools and understand how they're doing becomes increasingly difficult. Join former school leaders Tim & Stephen to see how our simple, smart cloud-based Group MIS will change the way you work across your MAT by centralising your data reporting, streamlining school workflows & operations, letting you follow up centrally, and helping you to manage your schools remotely – all from just one system. In particular, Tim & Stephen will show you how our Group MIS helps your central team trace the "real story" from an aggregated, MAT-level view all the way down to an individual student or staff level, and then take action to help improve outcomes across your Trust.

13:00–13:20

### What students want? Love, Wi-Fi and Netflix!

**LOCATION:** Solutions Den 2  
**SPEAKERS:** Ken Barrett, Product Manager, Tribal. Paul Styles, Student Experience and Innovations Product Owner, Tribal Group.  
**SPONSORED BY:** Tribal Group

"A print out for you, a signed copy for us, a map for your pocket – oh, and you need to phone this number for that issue, but only between 9 and 5". These and a hundred other institution processes can frustrate and confuse students of any age, at any point in time throughout their student journey. Today, we expect information on demand, at our fingertips. This session will explore how app technology helps both students and staff interact, communicate and engage, offering the next generation student experience. Whether it's accepting an offer, seeking support, messaging tutors and peers, managing progress or looking for career opportunities. We can do all this...from the palm of our hands. Come and hear how colleges are using app technology to bring the whole organisation together, to provide a sense of belonging and community, nurturing the best experience for both staff and students.

13:40–14:00

### Solutions for Superhero SENCOS

**LOCATION:** Solutions Den 2  
**SPEAKERS:** Vincent Maiella, Assistant Headteacher & SENCO, The Stanway School  
**SPONSORED BY:** Tes

The management of SEND in schools is an increasingly complex issue with a heavy workload burden on SENCOs. This session will focus on the use of Edukey's Provision Map platform – a powerful management information system specifically designed for SENCOs. The platform encompasses all of the Assess-Plan-Do-Review tools a busy SENCO needs such as plans, provision mapping, reporting and reviews. Provision Map can also provide a MAT/Local Authority dashboard to assist with strategic management of SEND.

14:20–14:40

### Technology promotes inclusion and supports SEN in Early Years.

**LOCATION:** Solutions Den 2  
**SPEAKERS:** Davy De Rijbel, Community Manager, i3-Technologies  
**SPONSORED BY:** i3-Technologies

Burnt Ash Primary School is in the heart in London. Like many schools in the city, pupils come from different backgrounds reflecting the vibrancy of the capital. The school also has children from disadvantaged backgrounds, whose first language is not English and SEN children. In the Summer of 2017, nearly 80% of the school's children in EY were below expected learning levels. The teachers firmly believed raising ELG-scores in technology

would ignite and accelerate developments in areas such as reading, writing and mathematics. Burnt Ash found the solution offered by i3-Technologies stood out from other suppliers. It was much more imaginative, engaging and above all flexible.

15:00–15:20

### Everything you ever wanted to know about iPad management

**LOCATION:** Solutions Den 2  
**SPEAKERS:** Chris Reynolds, Systems Engineer, UK, Jamf. oss Drummond, Systems Engineer, UK, Jamf.  
**SPONSORED BY:** Jamf

iPad has become the go-to technology for education. With a fantastic array of educational apps and Digital books, all-day battery life and ultra-portability it's easy to understand why. But how do we ensure our teacher and students have access to the content they want, exactly when they need it? How do we keep our iPad up-to-date, safe and secure, without a massive burden on teaching staff or IT? What we'll cover:

- Apple School Manager and why you should be using it
- Deployment options – shared use vs 1:1
- Curating educational content
- How Jamf can help streamline workflows and improve efficiency

15:40–16:00

### How to overcome the challenges of going 'cashless'...

**LOCATION:** Solutions Den 2  
**SPEAKERS:** Rhea Jarvis, Online Payment Consultant, Eduspot  
**SPONSORED BY:** Eduspot

Parents increasingly expect to be able to make online payments for meals, trips and other school items and activities. This session explores how, with a well-executed cashless strategy, you can reap the productivity, efficiency, cost-saving, parental perception, administration and lifestyle improvements of a cash-free environment whilst navigating the potential pitfalls.

## ON AT PEER TO PEER CONNECT:

10:00–11:00

### Meet your peers

**LOCATION:** Peer to Peer Connect  
**SPONSORED BY:** Bett and EDUCATE

If it's your first visit to Bett, or you plan to come on your own, we're running a morning meet-up session to help you get the most from your visit. We'll be welcoming you to Bett and facilitating a networking session at 10.15am, followed by a 15 minute interactive session from EDUCATE on effective EdTech.

11:15–12:00

### Teachers as Learners: a little more knowledge lights our way

**LOCATION:** Peer to Peer Connect  
**THEMES:** 21 Century Skills/ Teaching Tech/ Strategy  
**SPEAKERS:** Chloe O'Mara, Assistant Headteacher and National Curriculum Leader of English, Focus Learning Trust. Dee Kerwick-Chrisp, Director of Digital Learning, Focus Learning Trust.  
**SPONSORED BY:** Canvas

Our global vision is to develop life-ready students and to empower lifelong learning. In September 2018 we took our teachers to, what was, for some of them, a dark place: Classroom teaching with technology at the heart of self-directed learning. In addition to being the leaders of learning, Teachers had to become the learners themselves. We would like to share how we use Canvas for staff collaboration and CPD. This allows us to utilise strengths, share best practice and resources and create consistency for all staff and students across our 25 schools in UK and Ireland. To register for this session please visit <https://www.bettshow.com/canvas-lunch--level-up-roundtable-sessions-at-bett-2019> TARGET AUDIENCE: K12 Multi Academy Trusts.

12:30–13:15

### Scandinavian Hour: Turning passive learners into active learners

**LOCATION:** Peer to Peer Connect  
**THEMES:** 21 Century Skills/ Teaching Tech/ Pedagogy  
**SPEAKERS:** Ilka Nagel, Lecturer of ICT and Pedagogy/Høgskolelektor IKT og Pedagogikk, vstfold University College/Hgskolen i vstfold  
**SPONSORED BY:** Canvas

You wouldn't start teaching your class without clear outcomes & goals, so why would you choose your technology partners without a clear link to achieving your organisations outcomes & goals? Come and discuss how to turn passive learners into active learners using Canvas as the key driver for change. To register for this session please visit <https://www.bettshow.com/canvas-lunch--level-up-roundtable-sessions-at-bett-2019> TARGET AUDIENCE: Scandinavian K12.

13:45–14:45

### Meet the Speakers – School Theatre

**LOCATION:** Peer to Peer Connect  
**SPEAKERS:** Carmel Bones, Author, CPD Provider & Teacher Trainer. George Hammond-Hagan, Founder CEO, Studytracks  
**SPONSORED BY:** Bett  
 Meet , Carmel Bones, Author, CPD Provider & Teacher Trainer, and George Hammond-Hagan, Founder CEO, Studytracks, fresh from their talk on the School Theatre, for a relaxed and informal Q&A session.

14:45–15:00

### Edtech Impact Surgery

**LOCATION:** Peer to Peer Connect  
**THEMES:** Teaching Tech/ Institute Tech/ Strategy  
**SPEAKERS:** Michael Forshaw, Founder & CEO, Edtech Impact  
**SPONSORED BY:** Edtech Impact

Are you getting value for money with your edtech purchases? Do you know which edtech software will have the biggest impact on student outcomes in your complex school environment? Edtech Impact's new light-touch evaluation framework helps busy educators measure the effectiveness of edtech products on different student outcomes. This snappy 15 minute surgery will run through the various considerations for conducting an in-school impact study, creating robust evidence around the impact of edtech products – pre and post purchase – to ensure your school is getting value for money with technology.

15:00–16:00

### Help DfE improve its service to schools

**LOCATION:** Peer to Peer Connect  
**THEMES:** Strategy  
**SPEAKERS:** DfE Team  
**SPONSORED BY:** DfE

Join us for an informal and interactive discussion to explore how we can improve the services we provide to your schools. Help us understand your needs so we can design services that make it easier for you to deal with us in future. We want to learn about how you interact with DfE and are interested in the services you access regularly to run your school or trust, as well as those you use less often. These sessions are open to anyone, but they'll be particularly interesting for CEOs, headteachers and the business managers of primary or secondary schools of all types. Register your interest at [www.smartsurvey.co.uk/s/BETT2019/](http://www.smartsurvey.co.uk/s/BETT2019/) and let us know which of the daily 15.00–16.00 sessions you'd like to attend.

16:00–17:00

### 1:1 device roll-out Glasgow – Europe's largest digital learning project

**LOCATION:** Peer to Peer Connect  
**SPEAKERS:** Claire Harvey, Quality Improvement Officer, Glasgow City Council  
**SPONSORED BY:** Education Scotland

Glasgow City Council are undertaking the largest digital learning project in Europe as part of their ambition to and ensure that their young people develop the digital skills and attitudes to best serve them for life, learning and work. With over 90% of jobs requiring digital skills, the city recognises that investment in young people is an investment to secure the future for generations of children and families, overcoming the barriers of digital equity. To that end, every pupil from Primary 6 to S6 (11-17)



will be issued with a personal iPad to open up the world of learning and creativity and give staff the opportunity to broaden the learning experiences of their students. The project is supported by a huge investment in infrastructure and training. Our session will explore in further detail the rationale for the project and the strategic approach to ensuring its success.

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17:00–17:45

### Meet the speakers – Arena

**LOCATION:** Peer to Peer Connect

**SPEAKERS:** Tony Cann, Edtech Pioneer, Bowland Charitable Trust

**SPONSORED BY:** Bett

Meet Tony Cann, Bowland Charitable Trust, fresh from delivering his keynote talk on the Arena, for a relaxed and informal Q&A session.

**ON AT THE PEDAGOGY  
IN PRACTICE STAGE:**

Today's sessions are hosted  
by Isabella Wallace

Best-Selling Author, Talk-Less Teaching and  
Pimp My Lesson

10:30–11:00

**A Curriculum For The 21st  
Century**

**LOCATION:** Pedagogy in Practice  
**THEMES:** Curriculum, Creativity  
**SPEAKERS:** Ian Taylor, National Lead of the  
Curriculum, Academies Enterprise Trust, London

- Predicting the future and its impact on our current students.
- Sharing the only curriculum model that matters in the 21st century.
- A pedagogical approach to teaching to prepare students for the world of the unfamiliar.
- A methodology based on school case studies finely tuned through constant development and improvement.

11:10–11:40

**6 Steps Of A Connected  
Curriculum Design: Realise Its  
Complexities And Power**

**LOCATION:** Pedagogy in Practice  
**THEMES:** Curriculum, Creativity, Staffing, Well being  
**SPEAKERS:** Janet Carroll, Senior Educational  
Consultant, Cornerstones Education  
**SPONSORED BY:** Cornerstones Education

11:50–12:20

**Monitoring Progress In A  
Meaningful And Manageable  
Way**

**LOCATION:** Pedagogy in Practice  
**THEMES:** Curriculum  
**SPEAKERS:** Liz Twist, Head of Assessment Research,  
National Foundation for Educational Research  
(NFER)  
**SPONSORED BY:** National Foundation for Educational  
Research (NFER)

Recognising the progress pupils make from their differing starting points is a central part of DfE policy and the current Ofsted framework. This session will look at how pupil progress throughout key stages 1 and 2 can be monitored in a meaningful and useful way, meeting the needs of different stakeholders without being unduly burdensome. We will cover: how assessment data can enlighten and how it can mislead.

- The sort of questions school and subject leaders could ask.
- Seeing the big picture(s) in the data.

12:30–13:00

**The Future Of Feedback Is  
Vocal: Powerful Assessment  
For Learning**

**LOCATION:** Pedagogy in Practice  
**THEMES:** Well being, Staffing  
**SPEAKERS:** Zainab Patel, Assistant Head, Apple  
Distinguished Educator, Olive Hill Primary School,  
Bolton

- Review work up to 75% faster, reduce workload, and improve pupil outcomes through voice feedback.
- What the research says: how voice feedback significantly improves student understanding of their progress.
- Seamlessly embed voice feedback in your school and take the first step in being paperless.
- Explore alternative methods of assessment to suit your students and EAL learners.

13:10–13:40

**Immersive Education At Its  
Best**

**LOCATION:** Pedagogy in Practice  
**THEMES:** Creativity, Curriculum  
**SPEAKERS:** Joanne Channon, Education Manager,  
Merlin Schools London. Actors from the London  
Dungeon. Adam Keeler, Performance Manager,  
The London Dungeon. Jenny Baldwin, Director,  
Shapes for Schools  
**SPONSORED BY:** Merlin Schools London

Transforming student well-being through confidence building and outstanding social and emotional learning. A performative session looking at the crux of what makes a socially and emotionally competent child with a panel discussion and performance by the brilliant London Dungeon performers.

- How the Arts are the keystone for nurturing relationships, self-efficacy, and self-discipline whilst crafting powerful communication skills, positive mind-sets and self-belief.
- 6 methods to boost student confidence.
- 5 reasons why learning outside the classroom is essential to student success.

13:50–14:20

**Designing Spaces For  
Learning**

**LOCATION:** Pedagogy in Practice  
**THEMES:** Creativity, Research  
**SPEAKERS:** Dave Gibbons, English Teacher, Merchant  
Taylors School, Northwood

- Curate and utilise all classroom space for greater student outcomes.
- Understand how classroom design influences behaviour.
- Explore how poor lines of sight in your school affect learning.
- Unpick a design case study which boosts learning, collaboration and confidence.

14:30–15:00

**Time-Smart Teaching**

**LOCATION:** Pedagogy in Practice  
**THEMES:** Well being, Staffing  
**SPEAKERS:** Isabella Wallace, Best-Selling Author, Talk-Less Teaching and Pimp My Lesson

- Reduce planning and preparation.
- Make feedback more efficient.
- Teach precisely to the gaps.
- Reduce resource-making.
- Make differentiation quick and easy.
- Eliminate unnecessary tasks like collecting evidence.

15:10–15:40

**Quizlet: A Practical Guide  
To Using Digital Flashcards  
And Games To Unlock Pupil  
Success**

**LOCATION:** Pedagogy in Practice  
**THEMES:** Creativity, Curriculum  
**SPEAKERS:** Ben Whitaker, Co-ordinator of Project  
Digital at Burnley College and co-host of the  
Edufuturists podcast, Quizlet  
**SPONSORED BY:** Quizlet

Quizlet is a mobile and web-based study application that allows students to digest, recall and learn via incredibly engaging study tools and games. It is currently used by 2 in 3 high school students and 1 in 3 college students in the US. Alongside its learning aids are millions of teaching resources (made for teachers by teachers) to save you valuable time on lesson prep.

- Retrieval practice.
- Differentiated learning.
- Formative assessment.

15:50–16:20

**Making Internal Professional  
Learning (CPD) Work For You:  
Save Money, Save Time, And  
Boost Teacher Ownership**

**LOCATION:** Pedagogy in Practice  
**THEMES:** Well being, Staffing  
**SPEAKERS:** Gareth Butcher, Deputy Headteacher,  
Southfield School, Northampton. Scott Nevett,  
Assistant Headteacher, Southfield School,  
Northampton.

- How to maximise collaboration that shares the expertise already in your school.
- Meet the DofE and Teacher Standards professional development expectations.
- Structure the school day to ensure there is capacity for regular and sustained collaboration, leadership opportunities, individual reflection and coaching, action research and visionary thinking.

**ON AT THE POLICY IN PRACTICE STAGE:**

Today's sessions are hosted by Richard Selfridge

Richard Selfridge AKA Jack Marwood, Teacher, Author and Blogger, Jack\_Marwood's Icing On The Cake Blog

10:30–11:00

**Department of Education Keynote Address**

**LOCATION:** Policy In Practice  
**THEMES:** Staffing, Funding  
**SPEAKERS:** Kath Moulds TBC, Lead on Reducing Teacher Workload, Department of Education

11:10–11:40

**Championing Positive Mental Health. Winners of Wellbeing Award from the National Children's Bureau.**

**LOCATION:** Policy In Practice  
**THEMES:** Well being, Curriculum, Funding  
**SPEAKERS:** Kate O'Connor, Headteacher, Lessness Heath Primary School, Belvedere. Kelly Hannaghan, Wellbeing Lead, Lessness Heath Primary School, Belvedere.

Gain powerful and effective strategies around whole-school approaches to wellbeing. This session highlights the importance of relationships between all stakeholders within education with examples of the impact of protecting teacher retention and staff wellbeing. Explore ways to establish a happy culture within schools, with evidence of tangible outcomes. Learn creative ways to stretch limited budgets in SEMH projects and hear how focussing on wellbeing has had a huge positive impact on pupil behaviour, attendance and attainment. Learn reliable ways of measuring and monitoring wellbeing and discover key skills in approaches to effective strategic planning processes.

11:50–12:20

**Social Mobility And Education: Early Interventions That Boost Employability For All**

**LOCATION:** Policy In Practice  
**THEMES:** Curriculum, Creativity  
**SPEAKERS:** Sherry Coutu CBE, Founder, Founders4Schools

12:30–13:00

**Building Neuro-Ninja Parents: How teaching parents and carers neuroscience transforms parental engagement. Opening innovative ways to close the gap.**

**LOCATION:** Policy In Practice  
**THEMES:** Curriculum, Well being  
**SPEAKERS:** Andrew Wright, Deputy Headteacher, Robertsbridge Community College and Uckfield College, East Sussex

- How teaching parents neuroscience engages them in strategies to enhance the growth of neural architecture that support excellent learning and memory.
- How key facilitating activities carried out by staff, parents and taught to children transform approaches to well-being and mental health, learning, memory and study skills.
- How focusing with parents and carers on 8 facilitating activities that support neural architecture development extends the impact of school work into the 85% of the life of a child not spent with us.
- How to use neuroscience to maximise vitality in students, staff and parents.
- How we can use the 12 Rocks of Well-Being and Being Anxiety Aware resources to triage students who we are concerned about and build bespoke support strategies around with that engage parents too.
- How reaching out with resources and seminars to our most disadvantaged families changes the nature of parental engagement and commitment to the school.

13:10–13:40

**Don't Try And Copy An Innovative Culture. Grow Your Own**

**LOCATION:** Policy In Practice  
**THEMES:** Staffing, Well being  
**SPEAKERS:** Stephen Holden, Headteacher, Tottington Primary School, Bury

- He's alright he is – For innovation to flourish, who you are matters more than the policies you implement. Hear how the leadership team articulate what really matters to them.
- Be the best version of yourself, our children deserve nothing less – How asking staff to constantly self-reflect and focus on happiness fuelled a rapid culture change.
- Wellbeing is all in the mind – How tackling wellbeing and work life balance is more than reducing tasks, it requires a mindset shift for school staff.
- Wrap me in bubble wrap – then I will take a risk! Growing an innovative culture is not just simply having brilliant ideas; it is realising SLT's role in creating the safe space where these ideas can be conceived.
- If you change one thing today..Make it this – The simple changes that had the largest impact at TPS and why the benefits make it possible in any school.

13:50–14:20

**Curriculums And Policies Change, But Teaching Doesn't. Developing Teacher Professionalism To Build An Education Relevant To Our Learners.**

**LOCATION:** Policy In Practice  
**THEMES:** Curriculum, Staffing  
**SPEAKERS:** Simen Spurkland, Teacher, V,Åfjyenenga Upper Secondary School, Norway

- The professionalism of teaching. What is the essence of a profession?
- What is a competence? Define and refine yours.
- Distil what teaching is really about: A walk-through of the ongoing process in Norway of curating a new national curriculum with a core focus on deep learning and self-regulation, cross-curricularity and creativity.
- What does it mean to be educated? Embed an Education Act: To enable students to master their own lives.
- How to make school useful for every child.
- 6 steps for sustainable school development and positive change.

14:30–15:00

**Character Education And A Whole School Approach**

**LOCATION:** Policy In Practice  
**THEMES:** Curriculum, Well being, Creativity  
**SPEAKERS:** Mike Hamilton OBE, Founder, Commando Joe's  
**SPONSORED BY:** Commando Joe's

- Are you building essential life skills in school?
- Engage reluctant learners and build resilience as part of a whole school approach within a curriculum that can be flexible.
  - The programme can be a toolkit to support and promote SMSC, British values, health and wellbeing, teamwork and leadership, PSHE and even holiday clubs.
  - Leaving no child left behind, we inspire pupils to rise to the challenge, strive for excellence and develop resilience, empathy and a passion for learning.

15:10–15:40

**Shifting Our Education System Paradigm**

**LOCATION:** Policy In Practice  
**THEMES:** Creativity, Funding  
**SPEAKERS:** Lord Jim Knight, The Rt Hon Lord Knight of Weymouth, Chief Education Adviser, Tes Global

15:50–16:20

## Building Digital Resilience In Gambling And Social Gaming

**LOCATION:** Policy In Practice  
**THEMES:** Curriculum, Wellbeing  
**SPEAKERS:** Kev Clelland, Head of Delivery – Education, Young Gamblers Education Trust (YGAM)  
**SPONSORED BY:** Young Gamblers Education Trust (YGAM)

The UK gambling industry has changed significantly over the last decade. With betting shops now on every high street, casinos open 24/7, a huge increase in the amount of advertising time given to the industry, gambling is more accessible than it has ever been. A tech-savvy generation are participating in gambling and/or social gaming more than ever before – and the statistics show that they are particularly at risk. YGAM believe it is important to educate young people, helping them make informed decisions around gambling activity; just as we educate young people about safe sex, responsible drinking and illegal drugs through the PSHE curriculum. We will provide up-to-date facts and figures and updates on the latest reports to highlight the potential safeguarding risks that arise from gambling and social gaming for young people. We will also provide information about the UK's first PSHE Association quality kite-marked and ASDAN-accredited gambling education awareness resources, put together by a team of qualified teachers and resource writers.

## ON THE SCHOOL BUSINESS STAGE:

### Today's sessions are hosted by Martin Bailey

Digital Enrichment Leader, Lanchester EP Primary School; Director of Animate2Educate,

10:30–11:00

## 2018 Tes School Employer Of The Year: Make Your School Their Purpose

**LOCATION:** School Business  
**THEMES:** Staffing, Well being  
**SPEAKERS:** James Hollingsley, Headteacher, Longwood Primary Academy, Harlow

Why Longwood Is My Reason For Being: Giving Purpose To Staff.

- Teach, Rest and Play: the mission statements fuelling Longwood's success.
- Teach: Champion three keystone principles for staff development and wellbeing. Gain insight into reducing workloads, powerful CPD structuring and content, coaching, and encouraging dialogue and discussions in everything you do.
- Rest: Understand the importance of developing the mind, body and soul in learners and staff. Remember and appreciate the silent work of uneventful days.
- Play: Perks from paid leave, flexible working, staff nights out, meditation, free food to gym memberships. What perks make the difference without blowing the bank and how to nurture these foundations throughout your trust or school network.

11:10–11:40

## Reducing Cost And Improving Efficiencies In The Recruitment Process With Ednex

**LOCATION:** School Business  
**THEMES:** Staffing, Funding  
**SPEAKERS:** Kate Tague, Executive Principal, WMG Academies, Coventry. Dan Sherratt, Director, Ednex. Chris Hilton, Former Headteacher, Regional Manager, Ednex.  
**SPONSORED BY:** Ednex

With Chris's experience as a former headteacher he will relay the current challenges and best practice in recruitment in the education sector. Dan offers insight into Ednex's candidate first approach and its platform that enables efficient connections between teachers and schools, which in time will eliminate the need for agencies, reduce the cost to schools and increase the available funds needed to pay staff. Kate from WMG Academies will present her school as a case study for the Ednex recruitment process; highlighting the solutions they offered and the means to get the best teachers for your schools via their recruitment nous.

11:50–12:20

## School Business Leadership – The Past, The Present And The Future

**LOCATION:** School Business  
**THEMES:** Staffing, Funding, Curriculum,  
**SPEAKERS:** Stuart Beck, Branch Official, NAHT and Consultant Senior Leader, Sacred Heart of Mary Girls' School, Essex,  
**SPONSORED BY:** NAHT

- Something major happened in 1988 – Local Management of Schools and the early days of Management Information Systems.
- Grant-Maintained Status and greater autonomy for schools to determine their own priorities.
- The birth and development of academies and federations.
- Professional recognition and CPD.
- Austerity, efficiency, accountability and the current challenges.
- The future's bright, the future's ....?
- What's NAHT and other organisations got to offer to School Business Leaders?

12:30–13:00

## Achieving More With Less

**LOCATION:** School Business  
**THEMES:** Staffing, Funding  
**SPEAKERS:** David Stephens, Headteacher, Park View Primary School, Manchester

- Build a rich culture without breaking the bank! Case Study: How investment in people, galvanising a team and nurturing a collective vision with school-wide ownership results in rapid improvement without costing the earth.
- Tightening your belt without going pop! How simple but highly effective cost-cutting and

prioritised spending can enrich provision.

- It's not what you know, it's who you know! Develop commercial links to local businesses and secure investment through corporate and social responsibilities.

- Bank on people to secure investment! Acquire external funding through central and local government schemes, grants and subsidies, and maximise the expertise of staff to yield additional revenue.
- Plant a money tree and watch it grow! Understand how David re-positioned his school to survive this climate of financial austerity. Lay your foundations for future growth on a stable, prudent and sustainable financial platform.

13:10–13:40

## How To Communicate More Effectively

**LOCATION:** School Business  
**THEMES:** Staffing, Well being  
**SPEAKERS:** Dr Kate Beaven-Marks, Author, Communication Expert and Hypnotherapist, HypnoTC: The Hypnotherapy Training Company

This session will help you understand how you can enhance your communication effectiveness in any situation by understanding how to clearly direct your language and employ influencing strategies to optimise comprehension of your message, overcome barriers to communication and engage the listener both verbally and non-verbally. In addition to exploring powerful influencing strategies, you will gain insight into how to avoid common communication pitfalls. The session concludes with the added benefits of indirect communication and metaphors.

13:50–14:20

## NFER Research: The Future Of Teacher Supply – How To Retain Good Teachers

**LOCATION:** School Business  
**THEMES:** Staffing, Well being, Funding  
**SPEAKERS:** Jack Worth, Lead Economist, National Foundation for Educational Research (NFER)

- How big a challenge is teacher supply, now and in the future?
- What helps to retain teachers? What can we learn from teachers who have left the profession?
- What working conditions help to keep teachers engaged and satisfied in their jobs?
- Is part-time and flexible working problematic for schools or part of the retention solution?

14:30–15:00

## The ESFA And How It Works For You

**LOCATION:** School Business  
**THEMES:** Funding  
**SPEAKERS:** Eileen Milner, Director of Academies and Maintained Schools, Education and Skills Funding Agency (ESFA), Mike Pettifer, Chief Executive and Accounting Officer, Education and Skills Funding Agency (ESFA).

**ON AT THE BETT ARENA:**

Today's sessions are hosted by John Galloway and Neelam Parmar

John Galloway, Consultant, Writer, Trainer and Teacher.  
Neelam Parmar, Director of E-Learning, Ashford School.

**10:30–11:00**  
You are the teacher who can create bravely

**LOCATION:** The Bett Arena  
**THEMES:** 21 Century Skills/ Inspiration/ Pedagogy  
**SPEAKERS:** Peter H. Reynolds, Author, Illustrator and Founder, FableVision Learning

With the backdrop of declining creativity, Peter H Reynolds will inspire teachers to pick up the gauntlet and respond to the challenge. Teachers can make a difference in their classrooms while leaders debate. Peter will challenge each person to create bravely. Discover the power of one teacher at a time changing a child's destiny. Peter will share how lucky he feels that teachers, librarians and students around the world have embraced his stories about creativity, courage, and compassion – and have put the ideas into action and made a difference to their students lives as well as their own. This is the 15th anniversary of the publication of his book The DOT and the 10th of International Dot Day which has inspired over 10 million in 170 countries to celebrate their creativity. Join Peter and discover your own ability to create bravely.

**HOSTED BY:** FableVision Learning

**11:00–11:15**  
A balanced digital thought towards the future

**LOCATION:** The Bett Arena  
**THEMES:** 21 Century Skills/ Teaching Tech/ Pedagogy/ Strategy  
**SPEAKERS:** Ingvild Vikingsen Skogestad, Deputy Principal, Knappskog Skule

In digital learning the balance is important. The digital devices and tools give us a lot of opportunities and allows us to achieve even more than with traditional educational classwork. Digital learning does not mean that the students are sitting in front of a screen the whole day. With the help of digital devices and tools we have turned around our teaching strategies and methods. Our focus is on learning, motivation and achievement for the pupils. The digitalization itself does not give us results. The educational class work must be in the driving seat, and then the technology can help us on our way and make us achieve even more than before. Backwards planning encourages thinking outside the box and looking at educational classwork in a new way. We want to help our students become deep divers with digital learning skills.

**HOSTED BY:** Knappskog skule, Norway

**11:15–11:30**  
How can school Makerspaces impact on pupil engagement?

**LOCATION:** The Bett Arena  
**THEMES:** 21 Century Skills  
**SPEAKERS:** Chris Hillidge, Director of STEM, The Challenge Academy Trust

The Challenge Academy Trust has the only FabLab in a school setting in the UK. It's a cutting edge makerspace full of 3D printers & lasercutters that is free to our students, the public and local makers. We serve an extremely disadvantaged area and wanted to expose our students to cutting edge tech by having entrepreneurs and tech leaders working alongside our children. Our students are mentored by industry leaders on many exciting STEM projects. Our most proud achievement is the prosthetics project where we design and 3D print prosthetics for children. Our students are inspired by the real world problems they can solve through technology and they make connections that, in such a disadvantaged area, they would not normally be exposed to. Tech for Good hooks all different types of children into engagement with STEM education and shows real impact back in the classroom.

**HOSTED BY:** FabLab Warrington

**12:00–12:30**  
Using and developing tech solutions for students with SEN

**LOCATION:** The Bett Arena  
**THEMES:** SEN/ Teaching Tech  
**SPEAKERS:** Noa Nitzan, Professional Director, The Technology Center, Beit Issie Shapiro.

Technology offers creative opportunities for active engagement in learning. For children with disabilities, technology may be the only tool that allows them to be actively engaged in their learning activities, and thus it can be the key to their future. In this talk, we will present challenges encountered working with students with disabilities in the classroom and how we use technology to create solutions to improve their participation, for example, providing solutions for academic tasks, school events, leisure activities, and communication. We will also introduce the work that we are doing at the Technology Center of Beit Issie Shapiro in the field of entrepreneurship, in Israel and abroad. We will show the apps that we have developed and how working closely with developers helps to spread awareness of the principles of inclusive design and their importance for promoting meaningful participation for everyone.

**HOSTED BY:** The Technology Center, Beit Issie Shapiro

**12:30–12:45**  
Using technology to make the impossible possible for all learners

**LOCATION:** The Bett Arena  
**THEMES:** SEN/ Teaching Tech/ Strategy  
**SPEAKERS:** Robert Lynas, Deputy Head Teacher, Westmorland School. Ruth Smith, New Technologies and Computing Lead, Westmorland School.

See how great staff, iPads and a clear vision can come together to make a real difference. At Westmorland Special School we have actively engaged some of the most reluctant learners in the country, making the impossible possible, we build on interests and strengths rather than focusing on weaknesses. Our pupils have a passion for technology and we have harnessed this to break down the barriers to learning. In this session you find out how we have used iPads and technology to enable all our pupils to learn and make outstanding progress with some of the most innovative ideas in the world. Listen to our story, discussing how we started with a limited use of technology to following the vision of a technology rich environment and accredited Apple Distinguished School. Hear about the positive impact from our pupils, staff team and governing body.

**HOSTED BY:** Westmorland School

**12:45–13:00**  
What is good accessibility practice in FE and HE?

**LOCATION:** The Bett Arena  
**THEMES:** SEN/ Institute Tech/ Strategy  
**SPEAKERS:** Alistair McNaught, Subject specialist – Accessibility, JISC

What is good accessibility? The question became more urgent since the EU directive on web accessibility entered the statute book in September 2018. The National Union of Students expressed it this way "There's a new EU directive that'll be shaking up our websites, as digital inclusion becomes a recognised right, not just a privilege". The onus has shifted from disabled students reporting barriers as they identify them to institutions actively removing barriers at source and signposting possible problems (and alternatives) before they are encountered. Digital accessibility sits at the intersection between technical skill, teaching skill and disability support skill. When an organisation's policies and practices ensure that those skill sets reinforce one another (rather than undermining one another), genuine progress can be made. In this short session, Alistair McNaught explores what genuine progress might look like, based on the results of Jisc's Accessibility Snapshot service for colleges and universities.

**HOSTED BY:** Hosted by Jisc

13:30–14:00

### Fact or fake: developing critical learners in the digital age

**LOCATION:** The Bett Arena  
**THEMES:** 21 Century Skills/ Teaching Tech/ Pedagogy/ Strategy  
**SPEAKERS:** Caitlin McMillan, Teaching & Learning Consultant, London Connected Learning Centre. Peter Lillington, Teaching & Learning Consultant, London Connected Learning Centre. Sarah Horrocks, Director, London Connected Learning Centre.

How do children make sense of their digital life both in school and out? And how do we as adults navigate our own pathway through the forest of fact, fiction, fanaticism and fantasy and guide our pupils by appealing to fun rather than fear? Drawing on our teaching experience and work with a wide range of partners, this talk will offer a proposal to teachers and senior leaders: that enabling and empowering critical and discerning learners is an essential activity for the classroom, not a bolt-on option. We will explore some practical ways to engage children in critical evaluation of digital information in a range of contexts, supporting their learning and development both as consumers and creators of content of all kinds, fact and fiction included.

**HOSTED BY:** London Connected Learning Centre

14:00–14:30

### Fusion skills, not fission skills: shaping a new generation of learning

**LOCATION:** The Bett Arena  
**THEMES:** Futures/ Inspiration  
**SPEAKERS:** William Rankin, Director of Learning & Research, pi-top

Most classrooms have been constructed to be cloistered and controllable ignoring the tangled webs our minds have evolved, specifically to engage, and that will be crucial for learners who will have to address 'wicked' problems, like climate change. The isolation and linearity of much teaching has been threatened by technologies that enable students to connect to information and people not previously possible which has led to teacher frustration and confusion. Over 100 years ago, physicists faced a similar problem: the notion that the universe could be divided into a set of isolated and deterministic building-blocks began to crumble, challenged by new understandings that revealed complicated interdependencies that ultimately gave us the energetic concepts of quantum mechanics. With a humorous and non-technical approach, this presentation will explore ways to reimagine teaching and learning to offer a new way to chart the path for education.

**HOSTED BY:** pi-top

15:00–15:45

### Inspection, safety and security online

**LOCATION:** The Bett Arena  
**THEMES:** Institute Tech/ Strategy  
**SPEAKERS:** Alex Davison, IS Manager, The Royal Hospital School. David Wright, Director, UK Safer Internet Centre & SWGfL. Hamish Mackenzie, Head of Digital Strategy and Learning, The Royal Hospital School. John Nixon, HMI, Ofsted. Senior Representative, National Cyber Security Centre. Ken Corish, Online Safety Manager, SWGfL / UK Safer Internet Centre.

UK Safer Internet Centre and the National Cyber Security Centre, together with Ofsted, will share the latest online threats and issues and offer suggested strategies and actions. The session will highlight the relevant sections of statutory safeguarding and security guidance for schools and colleges in England and how this is inspected along with a case study from The Royal Hospital School, Suffolk emphasising the importance of behaviour change in students and staff alongside updating infrastructure and providing disaster recovery systems.

**HOSTED BY:** Ofsted, UK Safer Internet Centre, The Royal Hospital School and the National Cyber Security Centre

15:45–16:00

### The Power of Peer: empowering young people to tackle bullying

**LOCATION:** The Bett Arena  
**THEMES:** Inspiration/ Strategy  
**SPEAKERS:** Katie Wilmore, Head of Anti-Bullying, The Diana Award

At The Diana Award we believe that young people are the best agents for change in their schools and communities. We have trained over 30,000 Anti-Bullying Ambassadors in schools across the UK, empowering young people with the skills, confidence and knowledge to tackle bullying in their schools, communities and online. We know that young people have the power to change the world. This session will help educators harness young people's energy and enthusiasm to do just that and create a whole-school change to tackle bullying on and offline. In this presentation, we will explore how educators can implement effective peer-led approaches to reducing bullying on and offline. We will explore the rationale behind peer-to-peer approaches, examples of best practice from schools we've worked with, and the features of an effective, sustainable anti-bullying campaign that empowers young people to drive positive change.

**HOSTED BY:** The Diana Award

16:30–17:00

### Understanding dyslexia, recognising the minds of the future

**LOCATION:** The Bett Arena  
**THEMES:** Inspiration/ SEN/ Pedagogy/ Strategy  
**SPEAKERS:** Dr Maggie Aderin-Pocock MBE, Space scientist, broadcaster and author. Kate Griggs, Founder CEO, Made By Dyslexia.

Dyslexic thinking has made some of the world's greatest inventions, brands and art but still few understand dyslexic thinking skills. In our global parent/teacher research 91% say schools need a better understanding of dyslexic strengths. Groundbreaking research by EY and Made By Dyslexia provides compelling evidence of the value of dyslexic thinking, highlighting the important role dyslexics will play in the future and why dyslexia must inform part of a strategic skills agenda. In this session, successful dyslexics including Richard Branson (via video-link), and Space Scientist Maggie Aderin-Pocock will discuss this EY research and its impact on education. Technology will play a vital role in democratising support and empowering educators to enable dyslexic students to reach their potential. Made By Dyslexia is partnering with Microsoft to develop free solutions and in this session they'll launch Awareness Training Films featuring global expert educators and celebrities.

**HOSTED BY:** Hosted by Made by Dyslexia

17:00–17:15

### Why we should be teaching our children to be hackers

**LOCATION:** The Bett Arena  
**THEMES:** 21 Century Skills  
**SPEAKERS:** David Hill, Faculty of Technology Outreach Coordinator (Academic), University of Portsmouth. Simon Marsden, Senior Lecturer ITT, University of Portsmouth.

This session will challenge the media stereotype of what a hacker is and look at the positive benefits of teaching children about hacking from an early age. Advantages which include developing the knowledge to better protect themselves and others when using digital devices, through to developing the mindset of a hacker that will help them beyond computing. Additionally it encourages new ways to see problems, being creative in their solutions and wanting to improve things, and actively looking for and sharing new knowledge.

**HOSTED BY:** University of Portsmouth

17:15–17:30

### How to prepare young people with skills for the future

**LOCATION:** The Bett Arena  
**THEMES:** 21 Century Skills  
**SPEAKERS:** Joysy John, Director of Education, Nesta

Nesta is committed to helping young people and their educators prepare for a future of work that looks very different from what it is today. Skills like creativity, communication, problem-solving, collaboration, confidence and resilience will be more important than ever. This session will share insights we have learnt from our research (such as The Future of Skills: Employment in 2030, Which Digital Skills Do You Really Need?) and from efforts to develop toolkits for teachers and investment in an apprenticeship platform for students. At the end of the session, you will be able to identify what skills young people will need most to succeed in the future labour market and begin exploring how schools and teachers can help them develop and strengthen these skills.

**HOSTED BY:** Nesta

17:45–19:30

### Working smarter not harder

**LOCATION:** The Bett Arena  
**THEMES:** Teaching Tech/ Pedagogy  
**SPEAKERS:** Lee Parkinson, Teacher, Blogger and Trainer, ICT with Mr P

Mr. P, AKA Lee Parkinson, is an influential teacher, blogger and trainer with ten years classroom experience under his belt and over 180,000 followers on Facebook plus a very healthy back catalogue of meme's wryly observing the daily life of a classroom teacher. As a practicing teacher he constantly seeks new and innovative ways to utilise modern technology to enhance teaching and learning across the whole curriculum. He's on a mission to take teaching back by getting teachers and schools to work smarter, not harder. In this session he'll explore practical tips and working methods to lighten the workload. An unmissable after-hours session for teachers to connect with peers and find inspiration.

**HOSTED BY:** Mr P

### ON AT THE SCHOOLS THEATRE:

### This morning's sessions are hosted by Lewis Bronze

Lewis Bronze, Founder Espresso Education and former Editor, Blue Peter

10:15–10:45

### Making Maths count: challenging perceptions to improve life chances

**LOCATION:** Schools Theatre  
**THEMES:** 21 Century Skills/ Pedagogy  
**SPEAKERS:** Tim Rutherford, Headteacher, West Exe School. Dan Sandhu, CEO, Sparx. Steve Farmer, Headteacher, Cranbrook Education Campus  
**SPONSORED BY:** Sparx

Hear the inspirational story of how Sparx and Ted Wragg Trust are breaking new ground by tackling the perennial problem that poor numeracy skills continue to have on society and industry alike.

Packed full of deep insights and supporting data, the talk will paint a compelling picture of the impact that a unique new approach is having on transforming teaching and learning, supporting teacher wellbeing and improving educational outcomes in schools today. In an era of fleeting buzzwords and cursory claims to being "the next big thing", this is a rare opportunity to take insight from a journey spanning seven years of research and development into how young people learn. Focusing on enhancing human learning rather than replacing it with machine learning. Join the mission to improve the life opportunities for over 5 million learners by 2030.

11:00–11:30

### Digital transformation at Curro Schools

**LOCATION:** Schools Theatre  
**SPEAKERS:** Angela Schaefer, Head of Curriculum Technology, Curro  
**SPONSORED BY:** Microsoft

Curro Holdings is a network of almost 139 independent schools across 57 campuses in Southern Africa, from rural schools in low income areas through to city schools in higher income regions. Curro Schools have undergone a transformational journey in using technology to improve administration and management of schools, as well as enabling progressive teaching and learning approaches. Curro aims to offer a consistently high quality of education – technology has played a key role in enabling this. Management, educators and learners across schools are connected and are able to communicate, collaborate and share through the utilisation of Microsoft Office 365 and Teams.

11:45–12:15

### Augmented Reality in education

**LOCATION:** Schools Theatre  
**THEMES:** 21 Century Skills/ Inspiration/ Teaching Tech/ Pedagogy  
**SPEAKERS:** Abdul Chohan, Co-Founder and Chair of The Olive Tree School, The Olive Tree School  
**SPONSORED BY:** Albion Computers PLC

Abdul will share how augmented reality can be used as an effective tool for developing student literacy. He will showcase how exemplar writing and story-telling apps that leverage augmented reality ignite creativity and student imagination, driving deeper engagement in the classroom.

12:30–13:00

### Artificial Intelligence for real classrooms

**LOCATION:** Schools Theatre  
**THEMES:** Inspiration/ Teaching Tech/ Institute Tech  
**SPEAKERS:** Rich Henderson, Director Global Education Solutions, Lenovo. Philippos Savvides, Manager, Learning Technologies, Arizona State University.  
**SPONSORED BY:** Lenovo

New devices and applications in education saw significant growth in the 2017-2018 school year. Virtual and Augmented Reality, Digital Portfolios, Voice Assistants, and Artificial Intelligence introduce new dynamics in classroom management and technology integration, but also a rich context of how technology can drive engagement and purpose. Join this session to discuss in depth the real world impact and future opportunities of Artificial Intelligence with discussion around the challenges of classroom implementation today

### This afternoon's sessions are hosted by John Hayes

John Hayes, Headteacher, Gospel Oak Primary School

13:15–13:45

### Improving learning efficiencies and student outcomes with Artificial Intelligence – a case study from China

**LOCATION:** Schools Theatre  
**SPEAKERS:** Richard Tong, Chief Architect and General Manager, US Operations, Shanghai Yixue Educational Technology Co., Ltd.  
**SPONSORED BY:** Squirrel AI Learning

In this session, you will discover how Artificial Intelligence is being used throughout k-12 schools in China, and the impact it is having on learning outcomes for over 1 million students. No longer is Artificial Intelligence a technology of the future, and this session will highlight how the technology is helping to improve learning efficiencies and enhance outcomes of students across China right now.

14:00–14:30

### Creativity in the classroom

**LOCATION:** Schools Theatre  
**THEMES:** 21 Century Skills/ Teaching Tech/ Pedagogy  
**SPEAKERS:** Rory McGrath, Interim Headteacher, Shacklewell Primary School  
**SPONSORED BY:** Albion Computers PLC

Rory will talk about the strategies and tools that his school has employed to bring creativity into every subject across the primary curriculum. Using Apple's new Everyone Can Create project guides and teaching materials, Shacklewell Primary School are teaching students to develop and communicate their ideas using music, video, photography and drawing. Creative expression has enabled students to deepen their understanding and reinforce their learning across subject areas. The materials have enriched their already well-established iPad programme by allowing pupils and staff to use the in-built tools on iPad in new and exciting ways.

14:45–15:15

## Measuring the impact of emerging technologies in education

**LOCATION:** Schools Theatre

**THEMES:** Teaching Tech

**SPEAKERS:** Emily Lai, VP, Impact Evaluation, Efficacy & Research, Pearson. Karine George, Former Headteacher; Education Consultant, Karine George Consulting. Kristen Weatherby, Researcher, EDUCATE, UCL. Laurie Forcier, Director, Global Thought Leadership, Pearson

**SPONSORED BY:** Pearson

Understanding the benefits and drawbacks of emerging technologies is critical if we are to effectively integrate these technologies into learning and teaching settings to the benefit of learners and teachers. Educators, learners, parents, and policymakers alike, therefore, need reliable methodologies for evaluating the effectiveness of such emerging technologies. However, impact evaluations of technology in education are challenging. This challenge is more significant for emerging technologies, as change is the essence of emerging educational technologies. The panel will initially present their provocations addressing the issue of impact evaluations of educational technologies, which will be followed by a discussion session inviting questions from the audience with answers from, and interactions between, panel members.

15:30–16:00

## Fake News: How can technology help separate fact from fiction?

**LOCATION:** Schools Theatre

**THEMES:** 21 Century Skills

**SPEAKERS:** Debbie Zaman, PR & marketing expert and CEO, With. Matteo Bergamini, Funder and CEO, Shout Out UK. Zoe Kleinman, Technology Journalist, BBC. Beth Watson, Director, Partner and Channel Education Marketing, Microsoft.

In 2018 discussions over misinformation and 'fake news' continued to polarise opinion. With Google and YouTube accused of allowing conspiracy theories to flourish in the wake of major world events, tech giants like Facebook and Microsoft have taken major steps to combat 'fake news' to reassure users. Savvy tech start-ups harnessing AI and the sharp eyes of seasoned journalists to combat misinformation have also sprung up. With reports from the BBC and Ofcom into the importance of media literacy last year, fresh interest has developed into how educators and technology companies can best inform and prepare students to be able to separate fact from fiction and navigate increasingly subjective media environments. This session will bring together a panel of tech experts to explore the impact of 'fake news' on the plugged-in students of today. We will examine the role of tech and social media in supporting the development of these

16:15–16:45

## Wiser internet for education - 3r's of good internet education

**LOCATION:** Schools Theatre

**THEMES:** Strategy

**SPEAKERS:** Jim Knight, Chief Education Advisor, Tes Global. Leila Walker, UK Director, Wizenoze. Mario Van Och, Director UK & Ireland or Country Manager UK & Ireland, Prowise. Shonagh Pilgrim, Head Teacher, Ansford Academy. Amy Joynes, Headteacher at Stanchester Academy. Ashley Holmes, Teacher, Inverbrothock Primary School.

The aim of the session is to reduce the number of teachers saying 'go Google-it' but rather provide teachers with a more considered approach to finding Relevant, Readable and Reliable information online. The session will give practitioners tips on how best to use the internet to support personalised learning outcomes for students, regardless of ability or background

17:00 – 17:30

## Smart learning and talented students

**LOCATION:** Schools Theatre

**SPEAKERS:** Mohammad Al Madani, CEO, Classera Inc.

**SPONSORED BY:** Classera Inc.

In this session, Mohammad will share the impact of smart learning techniques to engage talented students in classrooms all over the world. Smart learning techniques provide special attention for every learner by meeting their needs, keeping them active with their teachers, and motivating them to reach their potential.

## ON AT POST 16 THEATRE:

### Today's sessions are hosted by Vikki Liogier and Paul McKean

Vikki Liogier, Head of Learning Technologies, Education & Training Foundation  
Paul McKean, Head of Further Education and Skills, JISC

10:15–10:45

## Connecting students to jobs of the future through app development

**LOCATION:** Post 16 Theatre

**THEMES:** 21 Century Skills/ Teaching Tech/ Pedagogy

**SPEAKERS:** Dora Dzvonyar, Educator & Research Assistant, Chair for Applied Software Engineering, Technical University of Munich

**SPONSORED BY:** Albion Computers PLC

Dora will share how the Technical University of Munich's (TUM) Applied Software Engineering

programme is connecting students to jobs of the future. She will talk about their iOS development with Swift programming course which introduces students to both the Swift programming language as well as fundamental concepts of iOS development. Students then graduate to a longer project-based course where they further develop their iOS development skills through in-class learning and an apprenticeship with one of TUM's many industry partners. This practical experience allows students to contribute to real-world app development and software engineering projects and also helps connect students to careers in industry.

11:00–11:30

## Redefining student success through STEAM and the element of play

**LOCATION:** Post 16 Theatre

**THEMES:** 21 Century Skills/ Teaching Tech/ Pedagogy

**SPEAKERS:** Shafina Vohra, Teacher of Psychology, London Design & Engineering UTC

**SPONSORED BY:** LEGO Education

In a world that is moving so quickly towards technology at its centre, how do we adjust our teaching styles to remove barriers to STEAM learning and simultaneously build the necessary skills in our students? How do we engage learners to be the innovators & change-makers of tomorrow? By developing active learning environments that ignite students' curiosity, we can cultivate lifelong learners and prepare students for the STEM jobs of tomorrow. During a crisp presentation and Q&A session, you will hear from an educator who is redefining student success through hands-on STEAM learning experiences, including LEGO resources and other methods of hands-on learning. You will have the opportunity to ask questions about how this approach helps students become 21st century thinkers, leaders, change-makers and creative problem-solvers.

11:45–12:15

## Overcoming barriers of space and time, PLN for better education

**LOCATION:** Post 16 Theatre

**THEMES:** 21 Century Skills/ Teaching Tech/ Institute Tech

**SPEAKERS:** Esam Baboukhan, eLearning Manager, City of Westminster College

**SPONSORED BY:** Microsoft

Learn how Esam Baboukhan, e-Learning Manager at City of Westminster College (CWC), has used Office 365 to streamline teaching, learning and assessment and how Teams is used to improve communication and collaboration between teachers, learners and parents. This creates a cohesive and engaging teaching and learning environment, leading to enhanced achievement and retention. You'll also learn how CWC takes advantage of the tools within Microsoft Teams including third party apps such as Flipgrid to amplify the learners' voice and how they are using video to 'flip' teaching and learning, reducing repetitive instructions and encouraging autonomous and independent work. Teachers are also using Teams to create a Professional Learning

Network where they can communicate, collaborate and share good practice and resources. The session will serve as an inspiration for educators, demonstrating the tools on how to effectively integrate Office 365 into your teaching, learning and assessment.

12:30–13:00

### Enabling academic and business support staff to improve digital capabilities

**LOCATION:** Post 16 Theatre

**THEMES:** 21 Century Skills/ Teaching Tech/ Institute Tech/ Strategy

**SPEAKERS:** Deborah Millar, Group Director of Digital Learning Technology, Grimsby Institute of Further & Higher Education. Elaine Topham, Senior Learning Technologist, Grimsby Institute of Further & Higher Education

**SPONSORED BY:** Microsoft

The Grimsby Institute has been focusing on improving digital capabilities and driving the adoption of Office365 tools via an effective and inclusive staff development programme, empowering their teachers to be confident enablers of digital capabilities and 21st Century skills. The Innovate Team were formed in September 2015 and began delivering the Level Up programme to staff across the Grimsby Institute Group, initially targeting academic staff, but expanding to Business Support teams. This session will show you how with enabled staff and teachers, the institute is delivering inspiring projects that engage students and change the way they learn.

13:15–13:45

### The 2018 Education Innovation Index

**LOCATION:** Post 16 Theatre

**THEMES:** Inspiration/ Institute Tech/ Strategy

**SPEAKERS:** Helene Moran, Director, Shift Learning

**SPONSORED BY:** Bett and Shift Learning

Join Helene Moran from Shift Learning for a deeper dive into the findings of Bett's second Innovation Index. We'll explore the trends that are growing, from awareness to adoption, in classrooms and learning spaces around the UK and for 2018 we'll look at the impact of policy change as experienced by teachers and education leaders.

14:00–14:30

### New legislation, new opportunity: accessibility for HE and FE

**LOCATION:** Post 16 Theatre

**THEMES:** SEN/ Teaching Tech/ Strategy

**SPEAKERS:** Alistair McNaught, Subject Specialist – Accessibility, JISC

**SPONSORED BY:** JISC

The EU web accessibility directive is already part of UK law. It applies to publicly funded bodies like colleges and universities and – for the first

time – mandates organisations to provide clear, meaningful, accessibility information for disabled students.

- These new regulations are both timely and important for the sector. As more and more opportunities exist for enhancing teaching and learning with technology, the regulations provide a focal point for ensuring policies and practices are built around the fundamentals of good practices that maximise benefits and minimise barriers.
- In this session, Alistair McNaught will report on some of the key discoveries from Jisc's Accessibility Snapshot service – a 'mystery shopper' exercise conducted with over 50 FE and HE providers – and signpost starting points for your own journey into the new opportunities.

14:45 15:15

### Are VR and AI the latest EdTech fad?

**LOCATION:** Post 16 Theatre

**SPEAKERS:** Chris Nash, Head of Community, Discovery Education

**SPONSORED BY:** Discovery Education

Are VR and AI just the latest EdTech fad, destined to be gathering dust in the back of a cupboard in a few years, or do they really have the potential to transform learning experiences? How can you ensure you are purchasing the best resources for your school? How do you use utilise this technology to enhance creativity and critical thinking? Join Chris Nash, Discovery Education's Head of Community to discuss these issues in an open forum and share advice and guidance to maximise the benefits of this powerful technology.

15:30–16:00

### Enhance – the ETF's digital teaching platform

**LOCATION:** Post 16 Theatre

**THEMES:** 21 Century Skills/ Pedagogy

**SPEAKERS:** Vikki Lioquier, Head of Learning Technologies, Education & Training Foundation

**SPONSORED BY:** Education & Training Foundation

The Digital Teaching Professional Framework (DTPF), created by the Education and Training Foundation in collaboration with JISC, developed a common understanding of digital skills for teachers and trainers in the FE sector and promoted a set of professional standards for supporting learning through technology. These guidelines come now to life with Enhance – The ETF's Digital Teaching Platform! Enhance is an ecosystem that aims at raising EdTech professional standards in FE, through a new 'mobile first' online platform that includes 40 free, bite-size, certified training modules mapped to the framework delivered on, structured in a Netflix-like experience with sorting, liking and sharing features. An achievements badge system will reward and motivate teachers and trainers to explore and progress in their own journey into innovation in teaching. This session will introduce the audience to the project and its functionalities, guiding it through the benefits of its use.

## ON AT SOLUTIONS DEN 1:

10:20 – 10:40

### Building Personalized Classrooms for Better Learning Outcomes – PowerSchool and Microsoft

**LOCATION:** Solutions Den 1

**SPEAKERS:** Sam Sale, Solution Strategy Director, Unified Classroom, PowerSchool (I already sent his registration info to our partner liaison with Microsoft so I believe he should already be registered)

PowerSchool Unified Classroom™ simplifies technology with a single K-12 solution that saves teachers time. PowerSchool in partnership with Microsoft now offers tools like Office 365, Learning Tools and translation natively built into the system that not only saves teachers time but enhances personalized learning to meet varying student needs. Teachers can increase focus on forging deeper 1-to-1 connections, refine lesson plans, and provide personalized feedback to students in real-time.

11:00–11:20

### Implementing Technology is Easy – Said No-One Ever

**LOCATION:** Solutions Den 1

**SPEAKERS:** Tom Able-Green, Education Solutions Manager, Academia

**SPONSORED BY:** Academia

Making technology decisions for teaching and learning in our education establishments need to be robust and future-proof. Hear and see about some of the important statistics we should be considering as part of your vision – as deploying and implementing technology can be challenging. Planning is essential – build a strong strategy first, devices second.

11:40–12:00

### Class Charts – Breaking behaviour barriers with technology

**LOCATION:** Solutions Den 1

**SPEAKERS:** Duncan Wilson, Director, Edukey Education Ltd

**SPONSORED BY:** Tes

Pupil behaviour and low-level disruption are big barriers to teaching and learning with OECD reporting that up to 20% of teaching time can be lost due to pupil behaviour issues. This session will be delivered by Duncan Wilson, who was teacher for 16 years and founder of Class Charts, an artificial intelligence driven behaviour management platform. Duncan will discuss how his experience in the classroom has contributed towards building a BETT Award winning software solution that makes a huge impact on reducing exclusions and low-level disruption.

12:20–12:40

### Making multi-use iPad work

**LOCATION:** Solutions Den 1

**THEMES:**

**SPEAKERS:** Chris Reynolds, Systems Engineer, Jamf.  
Ross Drummond, Systems Engineer, Jamf.

**SPONSORED BY:** Jamf

A reported 70% of UK schools are using iPad\* and with the majority of these used by multiple students, the challenge for school leaders and IT in these scenarios is; how can we create unique personalised learning experiences? How do we digitally sanitise the device, ready for the next user? And ultimately, how do we get the most significant return on investment? What we'll cover

- A quick recap on Apple School Manager and deployment options
- Initial configuration
- Multi-personal shared device with Jamf Setup
- Personalised shared device with Apple Shared iPad
- Shared device reset with Jamf Reset

13:00–13:20

### Technology promotes inclusion and supports SEN in Early Years.

**LOCATION:** Solutions Den 1

**SPEAKERS:** Anneke Verbeeck, Education Consultant, i3-Technologies

**SPONSORED BY:** i3-Technologies

Burnt Ash Primary School is in the heart in London. Like many schools in the city, pupils come from different backgrounds reflecting the vibrancy of the capital. The school also has children from disadvantaged backgrounds, whose first language is not English and SEN children. In the Summer of 2017, nearly 80% of the school's children in EY were below expected learning levels. The teachers firmly believed raising ELG-scores in technology would ignite and accelerate developments in areas such as reading, writing and mathematics. Burnt Ash found the solution offered by i3-Technologies stood out from other suppliers. It was much more imaginative, engaging and above all flexible.

13:40–14:00

### How best to protect pupils safety and secure your data

**LOCATION:** Solutions Den 1

**SPEAKERS:** Steve Forbes, Principal Product Manager-Security, Compliance & Online Safety, RM Education

**SPONSORED BY:** RM Education

We will explain how by using your existing systems you can effectively protect your pupils from online harm. Every school will be using a filtering platform to protect their pupils from inappropriate and illegal content. These platforms offer an increasingly flexible way of reducing the risk to your staff and pupils, but are you making the most of their capabilities? The number one reason for a data breach in education is human error. This can occur, for example, by sending sensitive information to the wrong recipients or through the mis-use of technology such as insecure USB sticks. We will take

you through some practical steps to ensure that you can make the most of collaboration platforms whilst ensuring your data remains safe and secure.

14:20–14:40

### Preparing students to cooperate with & without devices

**LOCATION:** Solutions Den 1

**SPEAKERS:** Simone Sanailotte, Executive Director, FutureKids

**SPONSORED BY:** FutureKids

Let's talk about cooperation skills! We all want our students to be engaged, like school, increase motivation and develop cognitive and emotionally. Cooperative strategies in the classroom have proven positive results on time on task, achievement, attitude and engagement. The use of technology is just another tool that can boost cooperative ways to promote understanding, role-taking, compassion and empathy. When students work independently, there is little interaction and fewer chances to put social skills into practice. Cooperative, interdependent educational experiences in our classrooms are necessary if we hope to make possible the democratic ideal of informed and equal participation. Cooperative Learning is necessary of we want to maintain traditional values, including respect, kindness, and the ability to enter and maintain positive social relations.

15:00–15:20

### Transforming Modern Music Education Practice With BandLab for Education

**LOCATION:** Solutions Den 1

**SPEAKERS:** Phil Heeley, Founder, Teacher & Music Tech Trainer, Inclusive Music

**SPONSORED BY:** BandLab Technologies

In this session, we'll explore the new Education version of BandLab and how pupils can produce sophisticated and original compositions using Virtual Instruments, Loops and FX in a safe and secure musical environment. Pupils can create music and collaborate with other pupils locally and around the world, using this free platform. Aims:

- Explore how teachers and students access this powerful online music creation platform
- Set up a BandLab classroom
- Learn the basic skills
- Create a simple song composition with Loops and sampled sounds from 50 different musical genres including Cinematic, Orchestral, Modern Soul and Future Glitch Session may include:
- Creative use and manipulation of Loops and sampled sounds to produce new riffs and phrases
- How to access and play Virtual Instruments with a traditional or QWERTY keyboard and a midi controller, Creating drum beats with the Drum Grid, Creator Kits and Drum Pads
- Creative use of midi files and FX

15:40–16:00

### Data, monitoring progress – supporting both teachers and students

**LOCATION:** Solutions Den 1

**SPEAKERS:** Richard Griffiths, Director, Compass Reports

Tracking students' performance accurately is essential if a school is to successfully monitor progress. Compass Reports helps school leaders and classroom teachers identify both achievements and key areas for development at student, department and whole school levels. Discover how Compass Reports can help the staff in your school be better engaged with their tracking data, enabling them to use it positively to further student progress.

## ON AT SOLUTIONS DEN 2:

11:00–11:20

### Simple Solutions to Teacher CPD with Bloomsbury Education

**LOCATION:** Solutions Den 2

**SPEAKERS:** Jon Tait, Deputy Headteacher and author, Acklam Grange School

**SPONSORED BY:** Bloomsbury Publishing

Bloomsbury Education are in conversation with Jon Tait, Deputy Headteacher from Acklam Grange School in Middlesborough, to discuss what the real issues are that schools face when considering how to provide development and training for their staff. How can online publishers help schools tailor their CPD offering to individual staff and schools, give freedom and flexibility, use time efficiently, and allow them to take control of their own development?

11:40–12:00

### Wireless magic for the evolving classroom

**LOCATION:** Solutions Den 2

**SPEAKERS:** Chetan Hebbalae, Sr. Director of Product Management, Cambium Networks

**SPONSORED BY:** Cambium Networks

Today, learning happens everywhere – in classrooms, on trains via online learning courses, and at homes on YouTube videos. Flickering iPads, and self-directed clicks have replaced traditional chalk boards in many classrooms. Technology is interwoven into this creative and collaborative immersive learning world that is happening all around us.

12:20–12:40

### Protect your privacy and investment

**LOCATION:** Solutions Den 2  
**SPEAKERS:** Christian Bostrom, Sales Manager B2B Europe, PanzerGlass  
**SPONSORED BY:** PanzerGlass

PanzerGlass™ screen protectors are much more than just screen protectors. PanzerGlass™ is a new category of screen protection. At the same time stronger and easier to install, PanzerGlass™ excels with its product qualities like strength, transparency and thickness. The look and feel may seem international, but the inheritance is downright Danish.

13:00–13:20

### Online safety, digital safeguarding: a holistic approach to pupil welfare

**LOCATION:** Solutions Den 2  
**SPEAKERS:** Courtney Goodsell, Product Owner, Impero  
**SPONSORED BY:** Impero

Young people no longer differentiate between the online and offline worlds. Discover how linking online and offline concerns (whether they occur in the physical world, the digital – or both) can provide a holistic approach to managing safeguarding concerns and risk indicators.

13:40–14:00

### Talk. The Write Stuff

**LOCATION:** Solutions Den 2  
**SPEAKERS:** Paul Hutton, Apple Education Expert, Academia  
**SPONSORED BY:** Academia

Purposeful well-structured talk is not just an essential precursor to high quality writing but can also be an invaluable outcome in its own right. Many curriculum objectives lend themselves directly to an oral outcome including performance poetry, persuasion, instructions, explanations of mathematical processes and explanation of scientific concepts. iPad is a powerful tool which provides learners with ways to visualise a concept or learning focus; organise their thinking; then explain and finally demonstrate their understanding. Come along and see Paul Hutton, Apple Professional Learning Specialist, share touching, delightful and powerful examples of ways in which primary and secondary schools have used iPad to empower learners to show their understanding and love of learning.

14:20–15:00

### Enhancing student experience in higher education through feedback and assessment

**LOCATION:** Solutions Den 2  
**SPEAKERS:** Peter Collison, Sector Lead – Higher Education, RM Results (part of RM Education Ltd)  
**SPONSORED BY:** RM Results

With students investing more than ever in their own higher education, the need for this to return value is critical. As tuition fee revenues make up the majority of income for many higher education institutions (HEIs), attracting and retaining students is essential. The Teaching Excellence Framework and National Student Survey put teaching quality and student satisfaction under the spotlight. Many HEIs are looking to continuously improve, providing students with a quality education that delivers clear and long-term value. Technological advances can help HEIs in their drive to provide the best experience for students. Digitisation of student assessment and feedback can improve the speed, transparency, consistency and overall value of this crucial part of the HE experience to both the student and the institution. This presentation will showcase how HEIs could improve student satisfaction, assessment literacy and comprehension of feedback through the implementation of a digital student assessment and feedback solution.

15:00–15:20

### The key to unlocking an effective intervention strategy

**LOCATION:** Solutions Den 2  
**SPEAKERS:** Francis Delton, Business Development Manager, Eduspot  
**SPONSORED BY:** Eduspot

The effective tracking and monitoring of children's behaviour places a heavy burden on both time and staff resources, not to mention the increased obligations of combining various pieces of information to support education intervention strategies. In order to tackle these challenges, the BehaviourWatch platform has been proven to eliminate the complexities associated with implementing a successful safeguarding strategy. BehaviourWatch contains a suite of tools that have a real impact on improving how schools monitor and report on behaviour, including the options to filter your data by time period, geographic location, behaviour incidents and other statistics relating to Pupil Premium, Looked After Children and Free School Meals. Once implemented, this empowers your school to deliver timely and efficient interventions based on factual information from various sources and easily evaluate the impact of your actions within a few clicks!

15:40–16:00

### Everything you ever wanted to know about iPad management

**LOCATION:** Solutions Den 2  
**SPEAKERS:** Chris Reynolds, Systems Engineer, Jamf. Ross Drummond, Systems Engineer, Jamf.  
**SPONSORED BY:** Jamf

iPad has become the go-to technology for education. With a fantastic array of educational apps and Digital books, all-day battery life and ultra-portability it's easy to understand why. But how do we ensure our teacher and students have access to the content they want, exactly when they need it? How do we keep our iPad up-to-date, safe and secure, without a massive burden on teaching staff or IT? What we'll cover:

- Apple School Manager and why you should be using it
- Deployment options – shared use vs 1:1
- Curating educational content
- How Jamf can help streamline workflows and improve efficiency

### ON AT PEER TO PEER CONNECT:

10:00–11:00

### Meet your peers

**LOCATION:** Peer to Peer Connect  
**SPONSORED BY:** Bett and EDUCATE

If it's your first visit to Bett, or you plan to come on your own, we're running a morning meet-up session to help you get the most from your visit. We'll be welcoming you to Bett and facilitating a networking session at 10.15am, followed by a 15 minute interactive session from EDUCATE on effective EdTech.

11:15–12:00

### Launching today: practice for teacher CPD

**LOCATION:** Peer to Peer Connect  
**THEMES:** Pedagogy/ Strategy  
**SPEAKERS:** tbc tbc, tbc, tbc  
**SPONSORED BY:** Canvas

Practice's patented pedagogy has a measurable, proven impact on learning. How do we know this? We tested it. Find out more about how Practice supports the delivery of highly engaging cost-effective training at scale. To register for this session please visit <https://www.bettshow.com/canvas-lunch--level-up-roundtable-sessions-at-bett-2019>  
**TARGET AUDIENCE:** K12.

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12:30–13:15

## Driving pedagogy with digital to future-proof your organisation

**LOCATION:** Peer to Peer Connect  
**THEMES:** Teaching Tech/ Pedagogy/ Strategy  
**SPEAKERS:** Karen Barton, Director of Learning and Teaching, University of Hertfordshire  
**SPONSORED BY:** Canvas

Technology is a great driver of pedagogical innovation in the HE sector, but before change can happen, a period of reflection and review of long-term practices in the delivery of courses and the student experience is essential. Following an extensive university-wide consultation, University of Hertfordshire developed a Vision and Principles for their future Learning Environment, called 'The Guided Learner Journey'. This session will reveal how Hertfordshire laid the groundwork for change and will consider the different ways Academic Schools have adopted these principles more broadly, taking advantage of the flexibility provided by VLEs like Canvas to embed them at module level alongside various pedagogical approaches. To register for this session please visit <https://www.bettshow.com/canvas-lunch--level-up-roundtable-sessions-at-bett-2019> TARGET AUDIENCE: HE & FE.

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13:45–14:45

## Meet the speakers – SEN

**LOCATION:** Peer to Peer Connect  
**THEMES:** SEN  
**SPEAKERS:** Ruth Smith, Witherslack Group. Robert Lynas, Witherslack Group. Noa Nitzen, Biet Issie Shapiro.  
**SPONSORED BY:** Bett

Meet Noa, Ruth and Robert, fresh from delivering their talks on The Arena, for a relaxed and informal Q&A session.

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14:45–15:00

## Edtech Impact Surgery

**LOCATION:** Peer to Peer Connect  
**THEMES:** Teaching Tech/ Institute Tech/ Strategy  
**SPEAKERS:** Michael Forshaw, Founder & CEO, Edtech Impact  
**SPONSORED BY:** Edtech Impact

Are you getting value for money with your edtech purchases? Do you know which edtech software will have the biggest impact on student outcomes in your complex school environment? Edtech Impact's new light-touch evaluation framework helps busy educators measure the effectiveness of edtech products on different student outcomes. This snappy 15 minute surgery will run through the various considerations for conducting an in-school impact study, creating robust evidence around the impact of edtech products – pre and post purchase – to ensure your school is getting value for money with technology.

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15:00–16:00

## Help DfE improve its service to schools

**LOCATION:** Peer to Peer Connect  
**THEMES:** Strategy  
**SPEAKERS:** DfE Team  
**SPONSORED BY:** DfE

Join us for an informal and interactive discussion to explore how we can improve the services we provide to your schools. Help us understand your needs so we can design services that make it easier for you to deal with us in future. We want to learn about how you interact with DfE and are interested in the services you access regularly to run your school or trust, as well as those you use less often. These sessions are open to anyone, but they'll be particularly interesting for CEOs, headteachers and the business managers of primary or secondary schools of all types. Register your interest at [www.smartsurvey.co.uk/s/BETT2019/](http://www.smartsurvey.co.uk/s/BETT2019/) and let us know which of the daily 15.00–16.00 sessions you'd like to attend.

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16:00–17:00

## Teaching remotely through technology with eSgoil

**LOCATION:** Peer to Peer Connect  
**SPEAKERS:** Kirsty McFaul, Senior Education Officer, Education Scotland  
**SPONSORED BY:** Education Scotland

Technology is shaping the way we live our lives in unpredictable and often unimaginable ways. Now, from some of the remotest parts of Scotland, education is being delivered to learners thousands of miles away, in Thailand, the United States and Canada. A virtual network of learners and teachers has been facilitated by new technology, and brought about by the adoption of 'remote' teaching. e-Sgoil, run by Comhairle nan Eilean Siar, in the Western Isles, teaches live interactive lessons, and so differs from the traditional university or college approach to delivering online learning, where students are expected to work independently through a range of course materials. At e-Sgoil, GTCS registered teachers remain "in front" of their classes for timetabled periods, teaching directly, in real-time.

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17:00–17:45

## Meet the speakers – Online safety; statutory safeguarding and security guidance

**LOCATION:** Peer to Peer Connect  
**SPEAKERS:** TBC  
**SPONSORED BY:** Bett

**ON AT THE PEDAGOGY  
IN PRACTICE STAGE:**

Today's sessions are hosted  
by **Isabella Wallace**

Best-Selling Author, Talk-Less Teaching and  
Pimp My Lesson

10:30–11:00

**Excite, Explore, Excel (E3L):  
A Connected And Powerful  
Curriculum**

**LOCATION:** Pedagogy in Practice  
**THEMES:** Curriculum, Well being, Creativity  
**SPEAKERS:** Kirsty Tonks, Principal and Primary  
Director, Shireland Technology Primary School and  
Shireland Collegiate Academy Trust, Smethick

- An answer to the Ofsted renewed emphasis on the curriculum.
- Have your cake and eat it: How E3L provides interconnected knowledge-rich themes underpinned by skills.
- As Primary Director of the Shireland Collegiate Academy Kirsty will take you through the T&L curation of 4 new technology free schools where they have interwoven a digital framework through the E3L curriculum allowing pupils to develop not just technological skills, but crucially, technology for learning skills embedded amongst digital citizenship skill.
- Described by Professor Mick Waters, previously head of the Qualifications and Curriculum Authority, as truly remarkable with each theme offering irresistible learning opportunities.
- Discover how this rigorously innovative curriculum sparks learners' curiosities, whilst supporting them to reach their maximum potential.

11:10–11:40

**Freedom To Learn: A Danish  
Self-Directed Learning Tool**

**LOCATION:** Pedagogy in Practice  
**THEMES:** SEN, Creativity  
**SPEAKERS:** Morten Jacobsen, 2017 SEN Teacher of the Year and ICT Counsellor, Skolen ved Nordens Plads, Copenhagen. Tina Schioldborg, SEN Counsellor and Teacher, Skolen ved Nordens Plads, Copenhagen.

- A step-by-step guide to move from traditional teaching to individualist and personalised projects that fuel self-directed study and improve student engagement.
- Strike a balance between directed learning and freedom and autonomy.
- Differentiation at its best.
- Create free thinkers who become authors of their own work trajectories.
- Be brave and bold in your lesson planning to empower students through choice.
- Understand how powerful this can be in a SEN setting.

11:50–12:20

**Powerful Vocabulary Teaching  
With Bedrock Learning**

**LOCATION:** Pedagogy in Practice  
**THEMES:** Curriculum, Research, Creativity  
**SPEAKERS:** Aaron Leary, Founder and former English Teacher, Bedrock Learning. Olivia Sumpter, Founder and former English Teacher, Bedrock Learning. Dianne Harris, Teaching & Learning and Literacy Consultant, James Montgomery Academy Trust (JMAT).  
**SPONSORED BY:** Bedrock Learning

- Online, engaging and explicit vocab teaching researched, evidenced, and proven.
- Understand the vital role of vocabulary in determining student life chances and school outcomes.
- What vocab to teach and how to teach, monitor, and champion it.
- Meet requirements for increased rigour in reading, writing, SpAG, and memory at all phases.
- Surpass the academic vocabulary demands of KS2 and GCSE assessments.
- Embed the building blocks of a word-rich curriculum whilst saving time and costs.
- A life line for EAL students: how Bedrock Learning unlocks access to the contents of the curriculum.
- Close the gap between the word-rich and the word-poor. Make word poverty history.

12:30–13:00

**The Why, What, And How Of  
Metacognition In Your School**

**LOCATION:** Pedagogy in Practice  
**THEMES:** Creativity, Research  
**SPEAKERS:** Colin Hall, Founder, UKEdChat #UKEdChat

- 12 reasons why your school needs metacognition.
- Make and maintain a whole scale behavioural change in you and your students.
- Stop automatic thinking, automated responses and bad habits.
- Practical insights for implementing metacognition in your classroom immediately.

13:10–13:40

**How Do You Want Your  
School To Change The World?  
Real-Life Cutting-Edge  
Research Projects For Your  
Students And Teachers**

**LOCATION:** Pedagogy in Practice  
**THEMES:** Creativity  
**SPEAKERS:** Professor Becky Parker MBE, Director, Institute for Research in Schools. Educators TBC.

- Pupils contribute to scientific discoveries whilst using cross-curricular skills, gain access to top-level scientific data, learn to process information at lightning speed, and develop innovative experimental ideas.
- Partner with scientific powerhouses such as CERN and NASA.

- Boost student aspiration through collaborations with academics and scientists around the globe.
- Enrich teachers' careers and professional development plans whilst re-igniting their passion for their subject.
- Be part of data that makes a difference.

13:50–14:20

**The Arts: The Magic Key To  
Unlocking Student Potential.  
2018 Tes Creative School Of  
The Year.**

**LOCATION:** Pedagogy in Practice  
**THEMES:** Creativity, Curriculum  
**SPEAKERS:** Steve Cook, Senior Assistant Headteacher, Formby High School, Liverpool. Vicci Harrocks, Community Arts Teacher, Formby High School, Liverpool

- Design and maintain a thriving creative curriculum despite cuts and EBacc pressures.
- How to use The Arts to boost student confidence, independence, resilience, pride and cooperation.
- The impact of creative outlets on academic success.
- Gain support through community links from local Artspace Forums, Creative Spark networks, to UK choir shows.
- Know what creative projects are out there for you to become a part of right now.

14:30–15:00

**Literacy, Social Mobility, and  
The Arts In Education**

**LOCATION:** Pedagogy in Practice  
**THEMES:** Creativity, Curriculum  
**SPEAKERS:** Michael Rosen, Writer, poet, performer, broadcaster, Professor Children's Literature, Goldsmiths University London. Jason Isaacs, Actor, (Lucius Malfoy in Harry Potter, also in Death of Stalin & The Patriot)

Panel discussion

15:50–16:20

**Helping Your Pupils To  
Become Fake News  
Detectives!**

**LOCATION:** Pedagogy in Practice  
**THEMES:** Creativity, Curriculum  
**SPEAKERS:** Angie Pitt, Project Director, Guardian Foundation / NewsWise  
**SPONSORED BY:** Guardian Foundation / NewsWise

Fake news is a real problem! We live in an era of major national and international political change and disinformation. Education HAS to be one of the solutions to tackling fake news. Angie will cover how and why teachers should be empowering their pupils to develop the critical thinking skills to identify misinformation, bias, opinion and rumour – and what to do about it.

**ON AT THE POLICY IN PRACTICE STAGE:**

Today's sessions are hosted by Richard Selfridge

Richard Selfridge AKA Jack Marwood, Teacher, Author and Blogger, Jack\_Marwood's Icing On The Cake Blog

10:30–11:00

**Education Trends: What To Watch 2019**

**LOCATION:** Policy In Practice  
**THEMES:** Curriculum, Funding  
**SPEAKERS:** Laura McInerney, Journalist, The Guardian and Co-Founder, Teacher Tapp

Using the latest news stories and data, come and explore the future school policies hidden on the horizon and their far-reaching implications for pupils, staff and school leaders.

11:10–11:40

**The MAT Landscape – State of Play**

**LOCATION:** Policy In Practice  
**THEMES:** Staffing, Funding, Curriculum  
**SPEAKERS:** Leora Cruddas, CEO, Confederation of School Trusts (CST)

- An overview of the current narrative.
- The importance of 'Factfulness' in changing the narrative.
- The power of ethical purpose in reconnecting with communities.

11:50–12:20

**Are You Ready For Statutory Relationships And Sex Education?**

**LOCATION:** Policy In Practice  
**THEMES:** Curriculum  
**SPEAKERS:** Alice Hoyle, RSE Expert, Do...RSE for Schools (sponsored by Durex)  
**SPONSORED BY:** DO...RSE for Schools Sponsored By Durex

From September 2020, all secondary schools are required to teach Relationships and Sex Education (RSE). This interactive presentation from Alice Hoyle, a leading RSE expert from DO...RSE for Schools, will cover the latest requirements and best practice that all schools need to be striving for. This talk will explore what a whole school approach to RSE should and could look like. Alice will also share the strategies needed to support school leaders to ensure that their school RSE is both compliant with the law and truly meets the needs of the next generation.

12:30–13:00

**Leading When All The Odds Are Against You**

**LOCATION:** Policy In Practice  
**THEMES:** Well being, Funding, Staffing  
**SPEAKERS:** Drew Povey, Former Headteacher and Leadership Coach, Educating Greater Manchester

13:10–13:40

**Research Schools: School-Led Support For Evidence Based Practice**

**LOCATION:** Policy In Practice  
**THEMES:** Research  
**SPEAKERS:** Leon Walker, Director of Research and Deputy Headteacher, Meols Cop High School, Southport

- There are many evidence-based resources and tools available to help improve teaching practice and raise the attainment of pupils. How can we get research into schools in ways that really make a difference in the classroom?
- How can evidence-based practice through training and professional development for senior leaders and teachers be delivered most effectively to improve student outcomes?
- How can schools be supported to develop innovative ways of improving teaching and learning and provide them with the expertise to evaluate their impact?

13:50–14:20

**Putting The Professional Back Into Professional Development**

**LOCATION:** Policy In Practice  
**THEMES:** Staffing, Well being  
**SPEAKERS:** Jon Tait, Deputy Headteacher and Author, Acklam Grange School, Middlesbrough

Ask yourself these questions about your current CPD programme:

- Would you class your approach to professional development as being professional?
- Have you got a culture of learning amongst your staff?
- Does your CPD programme have real impact on the quality of teaching in your school?
- Would you be proud of it if you had to stand up at a national conference and speak about it?

If you're answering 'no' to any of the above, Jon's session will give you time to reflect on where your strengths and weaknesses are when it comes to designing your school's programme of professional development. Let's think about:

- Innovative delivery methods.
- Creating a culture of learning amongst the staff in your school.
- Designing a programme that is done WITH people, not TO people.

**ON AT THE SCHOOL BUSINESS STAGE:**

This morning's sessions are hosted by Jonathan Hickey

Operations Director, Crofton School, Stubbington

10:30–11:00

**Buying For Schools – Supporting Schools To Achieve Great Value**

**LOCATION:** School Business  
**THEMES:** Funding  
**SPEAKERS:** Dave Allen, School Business Manager Commercial Engagement Lead, Schools Commercial Team, Department of Education. Maureen Yole, RPA- Risk Protection Management, Department of Education.

- This presentation will offer support on today's buying challenges in schools. This is a great opportunity to learn more about DfE's current recommended deals, helping you save time, money and improve outcomes by reducing non-staff spend.
- This session presents the opportunity to meet with members of the DfE's Schools Commercial Team and hear about the progress they are making in delivering the Schools' Buying Strategy as part of the School Resource Management programme.
- The team will advise on what deals are currently available, what's recently launched and what's in the pipeline in areas such as facilities, business services, IT and utilities.

11:10–11:40

**Building A Lean, Mean, School Business Machine**

**LOCATION:** School Business  
**THEMES:** Funding, Staffing  
**SPEAKERS:** Jonathan Hickey, Operations Director, Crofton School, Stubbington

- What does an efficient school business model look like?
- Overcome funding cuts and shortages through mastering whole-school cost savings.
- What to cut, where, and how?
- Accountancy tricks and tips.
- Be self-sufficient – sustainability projects in your school

11:50–12:20

## How To Recruit And Retain The Best Whilst Cutting Costs

**LOCATION:** School Business

**THEMES:** Staffing, Funding

**SPEAKERS:** Gavin Beart, Senior Divisional Director, Reed Education. Co-Speaker Tracey Dawes, Solutions Director, Reed Specialist Recruitment.

**SPONSORED BY:** Reed Educational

- With the recruitment landscape changing and the increasingly stringent public sector funding, schools and local authorities have been looking for more cost effective and practical solutions for their recruitment needs. The way in which the education sector has grown, has resulted in frameworks being introduced to ensure that recruitment solutions offer the best in terms of price, quality and quantity. Gavin will discuss the market frameworks, their uses and the simplest routes to market.
- He will introduce the concept of a managed service solution which is a tailored approach to recruitment needs, taking control of the whole process and management of a supply chain. This provides schools with one point of contact, increased visibility on spend and greater savings through a streamlined process.

12:30–13:00

## Holding Schools To Account: Are Current Arrangements Doing More Harm Than Good?

**LOCATION:** School Business

**THEMES:** Staffing, Funding

**SPEAKERS:** Nick Brook, Deputy General Secretary and Chair of NAHT Accountability Commission, NAHT

**SPONSORED BY:** NAHT

- In September 2018 the NAHT Commission published the influential report upon "Improving School Accountability", which sets out a new vision of how schools should be held to account.
- Explore reflections on the strengths and weaknesses of how government currently holds schools to account.
- Gain insight into practical proposals for change, to the use of pupil performance data, inspection and school improvement and consider how teachers and leaders can take back ownership of school standards.

13:10–13:40

## Saving Money Through Environmentally Conscious Purchases

**LOCATION:** School Business

**THEMES:** Funding

**SPEAKERS:** Paul Harrison, Former SBM and Finance Director of a school academy trust; Finance & Operations, Renewable Solutions Lighting. Jon Penfold, Director, Less Is More Capital. Jonathan Coyles, Director, EO Consulting. Stuart

White, Managing Partner, Barker Associates

**SPONSORED BY:** Renewable Solutions Lighting

With Damian Hinds challenging all schools to go single-use plastic free by 2020 now is the time to explore ways to make your school environmentally conscious whilst at the same time reducing energy cost and embedding time saving strategies through effective data management. This session will explore such alternatives whilst highlighting the importance of and signposting you to available grants and other funding to fuel these endeavours.

## This afternoon's sessions are hosted by Amanda Jackson and Dave Smith

Amanda Jackson, Senior Inspector, Havering School Improvement Service

Dave Smith, Senior Inspector, Havering School Improvement Service

13:50–14:20

## 2018 Tes Headteacher Of The Year. Mindset Over Matter: Transforming A School In Three Years

**LOCATION:** School Business

**THEMES:** Staffing, SEN, Well being

**SPEAKERS:** Jane Nolan, Executive Principal, Ormiston South Parade Academy, Grimsby

- Join Jane's journey in her school in a significantly deprived area, at risk of special measures with chronically low staff morale and crisis level teacher retention rates to being in the top 1% of primary schools in the country for progress.
- Shake it up: how to get all stakeholders on board for full throttle change.
- Maximising knowledge and exchanging skills through building positive relationships.
- Where is the love? Explore an approach to change that is committed to inclusion and enrichment.

15:10–15:40

## The Teacher Gap – Helping School Leaders Retain Their Best Teachers

**LOCATION:** School Business

**THEMES:** Staffing, Well being

**SPEAKERS:** Professor Rebecca Allen, Professor of Education, UCL Institute of Education, Founder of Teacher Tapp

- Draw on her expertise in economics, education and psychology to explain what is not working well in how we recruit, train and develop teachers, and why it is not working.
- A whistle-stop tour of how to retain, hire, motivate and reduce workloads and built professional development networks.
- Understand new policy on strengthening QTS and your responsibilities for improving career progression.
- What you can do now without waiting for politicians to act.

**ON AT THE BETT ARENA:**

Today's sessions are hosted by Mark Martin

Computer Science Teacher & EdTech Expert, South Bank Engineering UTC-

10:30-11:00

Music technology: reach your full potential

**LOCATION:** The Bett Arena  
**THEMES:** Inspiration/ Teaching Tech  
**SPEAKERS:** Andrew Close, Managing Director, Counterpoint. Duncan Mackrill, Senior Lecturer, University of Sussex. Faye Beamish, Head of Music, Gable Hall. Ruti Olajugbagbe, Winner, The Voice-UK.

Ruti Olajugbagbe, the winner of The Voice UK 2018, will be demonstrating her exceptional talent at the start of this session, singing her Award-winning song 'Dreams'. As a student who benefited from greatly from the Music curriculum at Ortu Gable Hall she joins an expert panel to discuss technology, its implementation, and music's place in the curriculum. The panel will explore how Ortu Gable Hall's decision to embed music technology into their curriculum from Key Stage 3 upwards has brought benefits to students both inside and out of the classroom.

**HOSTED BY:** Counterpoint IT Solutions

11:00-11:30

The formula to choosing love

**LOCATION:** The Bett Arena  
**THEMES:** Inspiration  
**SPEAKERS:** Scarlett Lewis, Founder and Chief Movement Officer, Jesse Lewis Choose Love Movement

Scarlett Lewis founded the Jesse Lewis Choose Love Movement after her son was murdered in the Sandy Hook tragedy in Connecticut in Dec. 2012. Scarlett decided to be part of the solution to the issues in our society becoming an advocate for social and emotional learning (SEL) that teaches children how to manage emotions, have healthy relationships, and be resilient. Scarlett promotes the Choose Love Enrichment Program, a no cost, comprehensive SEL program in more than 55 countries, empowering educators and students to choose love. In this session, participants will learn the Choose Love formula that can lead educators and their students to choose love in every situation to create a safer and more peaceful world. Through Scarlett's powerful message backed by scientific research, participants will go on Scarlett's journey with her as she discusses how the Choose Love formula transformed her life and has now transformed school cultures. Hear about the latest neuroscience and how it is applied to choosing love in the classroom.

**HOSTED BY:** Choosing Love in Education

11:45-12:15

Emotions as a superpower: leaders & students

**LOCATION:** The Bett Arena  
**THEMES:** Inspiration/ SEN/ Strategy  
**SPEAKERS:** Dr Kamel Hothi OBE, Non-Executive Director, TLC Lions. Gian Power, Founder & CEO, TLC Lions.

Having started his first business aged 13, later worked at Deutsche Bank and PwC, Gian Power founded TLC Lions following a personal tragedy. Joined by Dr Kamel Hothi OBE with 40+ years banking experience at Lloyds, now advisor to the Queen and her commonwealth trust fund supporting youths in 52 countries. Gian & Kamel, two genders, two generations, two faiths but one clear message of how we can all embrace our emotions to be better, more inclusive people. This talk focuses on our mission statement to awaken emotion and empathy within students of all ages. Sharing personal experiences about why tuning into emotions in a world of non stop tech is the future. We want to disrupt traditional approaches, to dig deep to inspire, create dreams and ambition within our younger generations. Teaching them that the road may not be easy but by understanding ourselves, how we feel and let our emotions be our superpower.

**HOSTED BY:** TLC Lions

12:45-13:15

Why and how to discuss the news in the classroom

**LOCATION:** The Bett Arena  
**THEMES:** 21 Century Skills  
**SPEAKERS:** Daniel Franklin, Executive and Diplomatic Editor, The Economist. Secondary school students, Graveney School. Emily Evans, Chief Executive, The Economist Educational Foundation. Tiffany Smyly, Programme Director, The Economist Educational Foundation.

It has never been so important to have engaging discussions about current affairs at school. This session will focus on how to facilitate these discussions in a way that builds students' critical thinking and literacy skills, and enables them to apply these skills to the news. The Economist magazine's Executive and Diplomatic Editor will make the case for understanding a changing world, and the session will conclude with a panel of secondary school students. They will share their views on why young people should engage with the news, and the skills they need to form an accurate picture of the world in the face of misinformation and polarised debates in the media.

**HOSTED BY:** The Economist Educational Foundation

13:15-13:30

How free education gives millions of people a second chance

**LOCATION:** The Bett Arena  
**THEMES:** Inspiration  
**SPEAKERS:** Jack Morgan, Lead Designer, DET at Duolingo

There are approximately 1.2 billion people learning a new language, and many are doing so in pursuit of a better life. As part of our mission to make education free for everyone, we studied the behavior of millions of learners spanning every country on the planet. Until one day, we made an unexpected research discovery that led us on a journey around the world and throughout the Middle East, eventually putting us inside one of the world's largest refugee camps and forever changing the way we think about language education. In this short talk, discover how technology has rapidly expanded the impact of educators everywhere, and why your responsibility is greater now than it ever has been before.

**HOSTED BY:** Duolingo

14:00-14:30

Gaming for better mental health

**LOCATION:** The Bett Arena  
**SPEAKERS:** Manjul Rahee, Innovation Lead, Shift BFB Lab

By developing emotional management skills, young people can learn to focus and perform better and protect themselves against more serious mental health problems later on. However traditional training activities, like meditation and yoga, are seen as boring or irrelevant by this audience. Gaming is often thought of as something that can negatively impact young people's lives. At the same time, we know that gaming can help motivate, engage and build confidence too. So, where does the needle sit? We're developing a mobile video game to provide early intervention support to young people aged 8-12 years with low-medium anxiety by combining exposure therapy with an immersive gaming experience. This is an opportunity for you to get a first glimpse of the initial prototype of the game and talk about the role of gaming in improving mental health.

14:30-14:45

Kids Judge Bett

**LOCATION:** The Bett Arena  
**THEMES:** 21 Century Skills/ Inspiration/ Teaching Tech  
**SPEAKERS:** Katy Potts, Computing and E-safety Lead for Children's Services, Islington Council

Kids Judge Bett returns for a 4th year. This popular kids led event, running throughout the Saturday, is organised by Islington council. Pupils and their parents from 8 primary and secondary schools

participate in the judging, exploring all the stands, exhibitors and their products and choosing their favourites across 10 categories. Many companies report this is the award that really matters! The kids announce the winners live on stage giving out the coveted chocolate trophies. #kidsjudgebett

**HOSTED BY:** Islington Council

## ON AT THE SCHOOL THEATRE:

10:30–11:30

### student workshop: sleep and wellbeing – SAT’s

**LOCATION:** Schools Theatre  
**SPEAKERS:** Becky Arnold, Deputy Headteacher, Wymondham College  
**SPONSORED BY:** Performance Learning

Tools the students will unlock in their Sleep and Wellbeing workshop: How to wake up feeling refreshed, positive and energised for the day ahead They will create a sleep-diary that will boost their productivity across all subjects They will see a change in their school performance across all subjects in just two-weeks as a result of feeling more alert The students will become healthier and happier versions of themselves – even during exam season! They will learn how to finish their workload without sacrificing their sleep or health – and with time to spare! Register to attend at <http://myperformancelearning.com/bett-school/>

11:30–12:30

### Student workshop: Diffusing stress and nerves – SATS

**LOCATION:** Schools Theatre  
**SPEAKERS:** Becky Arnold, Deputy Headteacher, Wymondham College  
**SPONSORED BY:** Performance Learning

Tools the students will unlock in their Diffusing Stress and Nerves workshop: They will learn how to deal with nerves, stress and anxiety in a healthy way They will become aware of the things that stress them out and learn how to take back control The students will discover how stressful times can be used to their advantage and how it can boost their productivity and grades The student will master how to plan effectively for times of stress so they are well prepared for situations that may trigger this They will be able to create the perfect work-break balance that caters to their individual needs, to reduce the risk of panic and anxiety Register to attend at <http://myperformancelearning.com/bett-school/>

12:30–13:30

### Student workshop: mastering the art of retention – SATS

**LOCATION:** Schools Theatre  
**SPEAKERS:** Becky Arnold, Deputy Headteacher, Wymondham College, Becky Arnold, Deputy Headteacher, Wymondham College.  
**SPONSORED BY:** Performance Learning

Tools the students will unlock in the Mastering the Art of Memory workshop: They will eliminate the risk of forgetting information by learning the correct way to retain everything they need without sacrificing their sleep The students will learn how to store maths and science equations, history dates and geographical knowledge in an easily accessible way They will discover how to filter unnecessary information that takes up valuable space so they are only keeping what is relevant and not cramming The students will discover how to organise information in compartments so that they reduce the risk of blanking in exams Register to attend at <http://myperformancelearning.com/bett-school>

13:30–14:30

### Student workshop: time management – SATS

**LOCATION:** Schools Theatre  
**SPEAKERS:** Becky Arnold, Deputy Headteacher, Wymondham College.  
**SPONSORED BY:** Performance Learning

Tools the students will unlock in the Time Management workshop: They will learn how to create an effective timetable which is tailored to their individual needs and potential The students will discover how to create the perfect, guilt-free work and break schedule They will master how to make effective notes that they will actually remember in their exams The students will increase their chance of success across all subjects in just a month with useful tips on how to structure their workload They will learn how to get all their work done without sacrificing their sleep or health Register to attend at <http://myperformancelearning.com/bett-school/>

## ON AT THE POST 16 THEATRE:

10:30–11:30

### Sleep and wellbeing: GCSE’s

**LOCATION:** Post 16 Theatre  
**SPEAKERS:** Aoife Galletly, Assistant Headteacher, Wymondham College  
**SPONSORED BY:** Performance Learning

Tools the students will unlock in their sleep and wellbeing workshop: How to wake up feeling refreshed, positive and energised for the day ahead They will create a sleep-diary that will boost their productivity across all subjects They will see a change in their school performance across all subjects in just two-weeks as a result of feeling more alert The students will become healthier

and happier versions of themselves – even during exam season! They will learn how to finish their workload without sacrificing their sleep or health – and with time to spare! Register to attend at <http://myperformancelearning.com/bett-school/>

11:30–12:30

### Diffusing stress and nerves: GCSE’s

**LOCATION:** Post 16 Theatre  
**SPEAKERS:** Aoife Galletly, Assistant Headteacher, Comprehensive, Derby  
**SPONSORED BY:** Performance Learning

Tools the students will unlock in their diffusing stress and nerves workshop: They will learn how to deal with nerves, stress and anxiety in a healthy way They will become aware of the things that stress them out and learn how to take back control The students will discover how stressful times can be used to their advantage and how it can boost their productivity and grades The student will master how to plan effectively for times of stress so they are well prepared for situations that may trigger this They will be able to create the perfect work-break balance that caters to their individual needs, to reduce the risk of panic and anxiety Register to attend at <http://myperformancelearning.com/bett-school/>

12:30–13:30

### Mastering the art of retention: GCSE’s

**LOCATION:** Post 16 Theatre  
**SPEAKERS:** Aoife Galletly, Assistant Headteacher, Comprehensive, Derby  
**SPONSORED BY:** Performance Learning

Tools the students will unlock in the mastering the art of memory workshop: They will eliminate the risk of forgetting information by learning the correct way to retain everything they need without sacrificing their sleep The students will learn how to store maths and science equations, history dates and geographical knowledge in an easily accessible way They will discover how to filter unnecessary information that takes up valuable space so they are only keeping what is relevant and not cramming The students will discover how to organise information in compartments so that they reduce the risk of blanking in exams Register to attend at <http://myperformancelearning.com/bett-school/>

13:30–14:30

### Time management: GCSE’s

**LOCATION:** Post 16 Theatre  
**THEMES:**  
**SPEAKERS:** Aoife Galletly, Assistant Headteacher, Comprehensive, Derby  
**SPONSORED BY:** Performance Learning

Tools the students will unlock in the Time management workshop: They will learn how to create an effective timetable which is tailored to their individual needs and potential The students will discover how to create the perfect,

guilt-free work and break schedule They will master how to make effective notes that they will actually remember in their exams The students will increase their chance of success across all subjects in just a month with useful tips on how to structure their workload They will learn how to get all their work done without sacrificing their sleep or health Register to attend at <http://myperformancelearning.com/bett-school>

**ON AT SOLUTIONS DEN 1:**

11:00–12:00

**If She Can See It, She Can Be It**

**LOCATION:** Solutions Den 1  
**SPEAKERS:** Anjali Ramachandran, Co-founder Ada's List Director, Storythings Nevertheless, Elena Sinel, Founder, Teens in AI, Chiin-Rui Tang, Founder & CEO, Rho Zeta AI.  
**SPONSORED BY:** Pearson

What will it take to inspire the next Ada Lovelace, Rosalind Franklin or other female leader and innovator necessary to transform fields like AI and help create a more fair future of work? How can educators help to recognise, develop and promote the female innovators and leaders of tomorrow? Join Ada's List, Pearson, Storythings – and an audience of educators – for a discussion on role models with some of the leading women in the UK edtech scene for a frank conversation on diversity, opportunity and preparing for the future. This session will be a live recording of the Nevertheless podcast.

13:00–14:00

**We need to talk about mental health and wellbeing**

**LOCATION:** Solutions Den 1  
**SPEAKERS:** Ashley Lodge, Senior Publisher and Mindfulness Lead, Pearson UK, Dr Zoe Brownlie, Clinical Psychologist, Sheffield Children's NHS Foundation Trust, Kuben Narain, Maths and Wellbeing Director, TKAT.  
**SPONSORED BY:** Pearson

Young people's mental health and wellbeing is a big issue for schools. At Pearson, we know we're in a privileged position to help schools address this vitally important issue, and that's an opportunity we take seriously. That's why we've been listening to schools to better understand their needs: so that we can provide help to improve the mental health and wellbeing of young people and teachers. In this hour-long discussion, panelists will discuss their current wellbeing work. There will be time for audience questions.

14:00–15:00

**Let's talk about Edtech**

**LOCATION:** Solutions Den 1  
**SPEAKERS:** Neelam Parmar, Director of E-learning, Ashford School, Bukky Yusuf, AVP/Curriculum Director of Science, The Crest Academy, Jules Daulby, National Leader of @WomenEd, Education Consultant and Writer, Women Edtech.  
**SPONSORED BY:** Women Edtech

Why are there so few women in #EdTech? What are the options for women and is it important to see more women in tech based leadership roles in education? @WomenEd is a grassroots organisation to support aspiring and existing women leaders in education. @WomenEd\_Tech is a sister organisation interested in exploring why #EdTech is a (de) considered to be a male dominated workplace. @WomenEd\_Tech wants to encourage more girls and women to see #EdTech as a career choice and ultimately to become influencers and decision makers. Neelam, Jules and Bukky will be exploring leadership opportunities, the stereotypes of the 'male IT technician' and exploding some myths that tech is a male only career choice!

**ON AT SOLUTIONS DEN 2:**

10:00 – 3:00

**Pearson and Microsoft: soliciting feedback on a new collaborative proof of concept designed to help teachers.**

Stop by the Solutions Den to learn about a new concept being tested by Pearson and Microsoft to support teachers, and to provide your feedback!

**ON AT PEER TO PEER CONNECT:**

10:00–10:45

**Meet your peers**

**LOCATION:** Peer to Peer Connect  
**SPONSORED BY:** Bett and EDUCATE

If it's your first visit to Bett, or you plan to come on your own, we're running a morning meet-up session to help you get the most from your visit. We'll be welcoming you to Bett and facilitating a networking session at 10.15am, followed by a 15 minute interactive session from EDUCATE on effective EdTech.

10:45–11:00

**Edtech Impact Surgery**

**LOCATION:** Peer to Peer Connect  
**SPEAKERS:** Michael Forshaw, Founder & CEO, Edtech Impact  
**SPONSORED BY:** Edtech Impact

Are you getting value for money with your edtech purchases? Do you know which edtech products will have the biggest impact on student and teacher outcomes in your own complex school environment? This session will reveal Innovate My School's new Edtech Impact marketplace – a free, school-led evaluation platform that helps busy educators measure the effectiveness of different edtech products before purchasing.

11:00–11:45

**Name it to tame it: the emotions game**

**LOCATION:** Peer to Peer Connect  
**SPEAKERS:** Céline Berger, Co-Founder and Gamification Expert, Journey to Success  
**SPONSORED BY:** Bett

Because emotions drive behaviours, learning how to deal with emotions from an early stage is an important part of students' development. This session provides a taste of our 'Emotions Game', in which participants identify and recognise emotions, understand the link between emotions and behaviours, and learn tools to manage them effectively, in a fun and innovative way. Participants start to become more open-minded and less judgemental about their own emotions and their responses, and those of others, and learn how to be more proactive and less reactive with emotions. For teachers and educators, this game offers many opportunities to engage students to explore and express themselves in a friendly and interactive environment. The game was created by Journey to Success' gamification and emotional intelligence experts to bring life skills to young people.

12:00–12:45

**Empowering learning through cognitive fitness and healthy habits**

**LOCATION:** Peer to Peer Connect  
**SPEAKERS:** Sue Egersdorff, Education Advisor, MyCognition Ltd  
**SPONSORED BY:** Bett

Cognitive fitness is the foundation of all behaviour, performance and mental wellbeing. It is central to a child's learning experience. Cognition is based on our genes, but their expression depends on environmental and life-style factors, and the extent to which the mind is positively stimulated. It is therefore essential to monitor and improve cognitive fitness in children. In the workshop we will discuss the basis of a child's physical and mental wellbeing. Teachers and educators will gain a greater understanding of what enables pupils' learning and how learning outcomes can be empowered in everyday practice through five key healthy habits – nutrition, hydration, sleep, exercise and social activities – which are linked to the key

domains of cognition – attention, working memory, episodic memory, processing speed and executive function.

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13:00–13:45

### Five steps to improve your personal and professional wellbeing

**LOCATION:** Peer to Peer Connect  
**SPEAKERS:** Ruth Pearson, Founder & Director, Listening To Your Voice Ltd  
**SPONSORED BY:** Bett

Are you, or your school or organisation being affected by the effects of high staff turnover? Low morale? High absenteeism? High presenteeism? The effects of long-term mental health conditions? Conflict? If you have answered yes to any of the above, what has been the cost to yourself individually, your organisation and your family? Ruth Pearson passionately share her own personal journey, around the topic of emotional health, and the steps she learnt to improve the quality of her life and that of others. This session will be interactive, as a technique called accelerated learning will be used. You will be given the opportunity to apply the same five steps Ruth has developed, to your own personal or professional challenge, as you interact with others attending the workshop. You will leave the session, with a strategy, 5STEPS2LEARN, which you can adapt to improve your leadership skills and that of your colleagues.

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14:00–14:45

### Improving wellbeing in your school

**LOCATION:** Peer to Peer Connect  
**SPEAKERS:** Kirsty Raynor, Justyn Randall.  
**SPONSORED BY:** Bett

Good education and wellbeing practices have some strong similarities. A good education trains us to engage with the world and broaden our horizons. And good well-being practices – particularly mindfulness and yoga – offer us the tools to engage with the world positively, whilst broadening the horizons of our contentment. School, society and family place pupils under a lot of pressure from many angles. Opogo believes that more can be done to improve pupil mental health and resilience and how they can self-regulate their behaviours, which is why we launched the TeachFit programme. Not only does better wellbeing help performance and productivity, it enhances concentration and focus in students, enabling them to better deal with peer-related stress and academic tension. Lead by fitness expert Kirsty Raynor, our session offers you the chance to explore how yoga and mindfulness can positively impact the wellbeing of pupils in your school.



23-26 JANUARY 2019  
LONDON EXCEL

# YOUR EDTECH CHECKLIST

Bett is the world's leading education technology event where educators can discover more than 800 innovative edtech suppliers, see practical solutions, share experiences and learn from industry experts in an agenda programme featuring more than 175 speakers. Bett has teamed up with its Advisory Group and EDUCATE to come up with the questions that might help you have a more informed basis to your buying decisions at Bett. Make sure you have these handy questions to pose to Bett exhibitors when you meet them at the show.

## 1. THE PRACTICALITIES

This covers infrastructure, staff training and CPD, the ongoing costs, and the sustainability of the purchase.

- How long does it take the average educator to learn how to use, and implement your product?
- Is it necessary to purchase any additional software etc to increase the products' potential?
- What software is it compatible with?
- What pedagogical training do you provide in respect of the integration of your product in schools?
- How do you support schools to sustain and develop their use of the product over time?

## 2. THE EDUCATION VALUE AND SPECIALISMS

This area covers the core benefit the product offers. And, whether it's going to make a tangible difference to the lives of your students. Either on their needs today, or their skills for the future.

- How does your product make educators' lives easier?
- Can you explain the product and its educational value in one sentence?
- What support does your product provide for students for whom English is not their first language, or for students with special educational needs or disabilities?
- How does your technology help to prepare young people for the jobs of tomorrow?

## 3. THE RESEARCH AND EVIDENCE

This area helps you to know that your purchase is founded on principles of evidence. Especially important given the increased accountability that schools face and the impact of austerity budgets.

- Where and how was your product tested? Do you have any results from pilot studies?
- How does your company draw on existing relevant research to ensure that its technology stays current and relevant to today's real-world classrooms?
- What research-based evidence do you have to prove that your product is effective?
- How were teachers or educators involved in the design or creation stages of your product?

## PLAN BEFORE YOU VISIT BETT!

### 1. DOWNLOAD THE BETT APP

Our app has all the suppliers and agenda talks listed – if you 'favourite' the suppliers you'd like to see, you can then go to the floor plan on the app and it will pin them on the plan so you can map your route around the show.

### 2. CHECK OUT THE FILTERS ON OUR BETT ONLINE SUPPLIER LIST

Look up exhibitors by product type, by type of education institution they serve or to which region they export. You can also read a little more about what they have on offer.

[WWW.BETTSHOW.COM/BETT-SUPPLIERS-LIST](http://WWW.BETTSHOW.COM/BETT-SUPPLIERS-LIST)