

23/01/2019 | 10:30–10:45

## 2018 Bett Innovation Index: emerging trends in EdTech

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

23/01/2019 | 10:45–11:00

## Official opening of Bett 2019

**THEMES:** Inspiration  
**SPEAKERS:** The Rt Hon Damian Hinds MP, Secretary of State for Education. 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

23/01/2019 | 11:00–11:15

## Digital skills for free

**THEMES:** 21 Century Skills/ Strategy  
**SPEAKERS:** Kerensa Jennings, CEO, The Duke of York Inspiring Digital Enterprise Award (IDEA), 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

23/01/2019 | 11:15–11:30

## Impact of computing learning opportunities on attainment

**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

23/01/2019 | 12:00–12:30

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

**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

23/01/2019 | 12:30–12:45

## Coding in Barcelona to improve learning in India

**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

23/01/2019 | 12:45–13:00

## Changing my teaching to release students’ creativity, engagement and ownership

**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

23/01/2019 | 13:30–14:00

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

**THEMES:** Inspiration/ Strategy  
**SPEAKERS:** Paul Drechsler, Vice President, CBI & Chairman of Bibby Line Group. Carl Ward, ASCL Past President & Chief Executive, City Learning Trust. Dame Julia Cleverdon, Vice President, Business in the Community

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

23/01/2019 | 14:00–14:30

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

**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



23/01/2019 | 15:00–15:45

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

**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

23/01/2019 | 15:45–16:00

### Personalizing Education at Scale with AI

**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

23/01/2019 | 16:30–17:15

### Emotion and cognition in the age of AI

**THEMES:** Futures/ 21 Century Skills/ Inspiration/ Strategy  
**SPEAKERS:** Anthony Salcito, Vice President of Worldwide Education, Microsoft. Barbara Holzapfel, 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

23/01/2019 | 17:15–17:30

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

**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

24/01/2019 | 10:30–11:00

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

**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

24/01/2019 | 11:00–11:30

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

**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

24/01/2019 | 12:00–12:30

### Accessibility at Apple: innovating for all

**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.

24/01/2019 | 12:30–13:00

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

**THEMES:** Institute Tech/ Strategy  
**SPEAKERS:** Chris Ullah, BlackBerry

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

24/01/2019 | 13:30–14:00

## Empowering your students to become critical consumers of the news

**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, ITN Productions & The Institute for Strategic Dialogue

24/01/2019 | 14:00–14:30

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

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

**SPEAKERS:** Mala Sharma, Vice President & General Manager of Creative Cloud, Adobe Inc. Sir Anthony Seldon, Vice-Chancellor, University of Buckingham.

'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

24/01/2019 | 15:00–15:30

## Making technology work for schools, lessons from EDUCATE

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

**SPEAKERS:** Rose Luckin, Professor of Learner Centred Design, UCL Knowledge Lab

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

24/01/2019 | 15:30–16:00

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

**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

24/01/2019 | 16:30–16:45

## Evolution in education and technology and where to next

**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

24/01/2019 | 16:45–17:15

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

**THEMES:** Inspiration

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

24/01/2019 | 17:15–17:30

## Digital tools to help amplify students' voices

**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

24/01/2019 | 18:00–19:30

## Live edtech surgery and Q&A

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

**SPEAKERS:** Abdul Chohan, Co-Founder, The Olive Tree School. 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't's 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. Hosted by Neelam Parmar, Abdul Chohan and Matt Harris

25/01/2019 | 10:30–11:00

## You are the teacher who can create bravely

**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

25/01/2019 | 11:00–11:15

## A balanced digital thought towards the future

**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

25/01/2019 | 11:15–11:30

## How can school Makerspaces impact on pupil engagement?

**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

25/01/2019 | 12:00–12:30

## Using and developing tech solutions for students with SEN

**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

25/01/2019 | 12:30–12:45

## Using technology to make the impossible possible for all learners

**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

25/01/2019 | 12:45–13:00

## What is good accessibility practice in FE and HE?

**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 Jisc

25/01/2019 | 13:30–14:00

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

**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

25/01/2019 | 14:00–14:30

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

**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

25/01/2019 | 15:00–15:45

## Inspection, safety and security online

**THEMES:** Institute Tech/ Strategy

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

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

25/01/2019 | 15:45–16:00

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

**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

25/01/2019 | 16:30–17:00

## Understanding dyslexia, recognising the minds of the future

**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 Made by Dyslexia

25/01/2019 | 17:00–17:15

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

**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

25/01/2019 | 17:15–17:30

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

**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

25/01/2019 | 17:45–19:30

## Working smarter not harder

**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 Lee Parkinson.

26/01/2019 | 10:30–11:00

## Music technology: reach your full potential

**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.

26/01/2019 | 11:00–11:30

## The formula to choosing love

**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.

26/01/2019 | 11:45–12:15

## Emotions as a superpower: leaders & students

**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 working 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.

26/01/2019 | 12:45–13:15

## Why and how to discuss the news in the classroom

**THEMES:** 21 Century Skills

**SPEAKERS:** Daniel Franklin, Executive and Diplomatic Editor, The Economist. Emily Evans, Chief Executive, The Economist Educational Foundation. Tiffany Smyly, Programme Director, The Economist Educational Foundation. Secondary school students, Graveney School.

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.

26/01/2019 | 13:15–13:30

## How free education gives millions of people a second chance

**THEMES:** Inspiration

**SPEAKERS:** Jack Morgan, Lead Designer, DET at Duolingo, 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.

26/01/2019 | 14:00–14:30

## Panel Discussion on student mental health and well-being

Details to follow

26/01/2019 | 14:30–14:45

## Kids Judge Bett

**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.