

21st CENTURY KNOWLEDGE AND SKILLS THEATRE 2019

AGENDA



22 – 23 APRIL 2019

ADNEC, ABU DHABI

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DEPARTMENT OF EDUCATION
AND KNOWLEDGE



AGENDA

09:30	Day 1 - Expo Floor opens
10:00 – 10:30	<p>Simple tools to add value in the classroom</p> <p>In this session you will be shown a few simple digital tools and examples of how they are used, including QR codes, video, and voice recorder tools. Many EdTech sessions focus on LMS or flashy tools and forget to show teachers how to place tools in lessons to aid student learning. That is what this session hopes to do. It is focused on teachers, trainers, and management just starting out with educational technology.</p> <p>Marianne Jones, Digital Education Facilitator – EMI Department, Ministry of Education – Dubai, UAE</p>
10:45 – 11:15	<p>Global insights into mixed reality simulation in education and beyond: A game changer for preparing leaders and future leaders using ‘Human in the loop’ technologies</p> <p>The Tellal Leadership Academy provides an overview of how they use simulation training to support both their certifying and qualifying leadership programmes via structured leadership pathways for aspiring and existing leaders. Research shows that empathy and candour are competencies that can be developed through iterative practice, feedback and coaching. Tellal’s unique use of simulation training offers a safe practice environment for turning new skills into daily behaviours. Leaders get to practice and master complex interpersonal skills by engaging with adult avatars in situations that mimic real life situations. This session outlines and discusses the benefits and challenges of using simulation to support the application of skills and knowledge, forging strong links between espoused theory and theory-in-action.</p> <p>Shanti Clements, Head of the Leadership Academy, TELLAL Institute, UAE Sheryl Rogers, Senior Manager – Digital Professional Learning & Development, TELLAL Institute, UAE</p> <p>Session sponsored by TELLAL Institute</p>
11:30 – 12:00	<p>10 Key Benefits of VR for Education</p> <p>Understanding the benefits of virtual reality is integral to harnessing this powerful new technology in the classroom effectively. In this session, Steve will explore ten key reasons why VR can transform learning, providing examples from his own award-winning work with VR at JESS Dubai.</p> <p>Steve Bambury, Head of Digital Learning and Innovation, JESS Dubai, UAE</p>
12:15 – 12:45	<p>Educating the Wise Cyborgs of the Future</p> <p>We now live in an age where artificial intelligence is able to create art, compose music, and drive cars. Humans have long shared a connection with technology – in many ways, we are already cyborgs. The focus of this session is on the new field of Humanics and on exploring what would happen if powerful human-machine hybrids of tomorrow were also purpose-driven, compassionate and ethical.</p> <p>Rohan Roberts, Innovation Leader, GEMS Education, UAE Raya Bidshahri, Founder and CEO, Awecademy, Canada</p>

13:00 – 13:30

The Age of Innovation

The Digital Age is no longer upon us, but it exists as a backdrop against which other elements must be in place in order to achieve success and celebrate academic achievement. ITWorx, in collaboration with Advanced Education present the platform and the content for the educational leaders of tomorrow.

Amira Awaad, Academic Dean, Advanced Education, Egypt

Suzy Metwalli, Elementary School Principal, Advanced Education, Egypt

Ahmed Abdel Latif, DCEO, Advanced Education, Egypt

Aya Gharaoui, Elementary School Vice Principal, Advanced Education, Egypt

Yomna Abdel Latif, Elementary School Vice Principal, Advanced Education, Egypt

Hosted by ITWorx

13:45 – 14:15

Using Virtual Worlds in K-12 Schools

Everyone's talking about Virtual Reality...but not too many K-12 schools can afford the hardware to use it! Virtual Worlds have been around for almost 20 years, but to date it's mostly universities that have successfully implemented these amazing immersive learning environments...K-12 school personnel, for whatever reasons, remain intimidated. It's (relatively) easy to get started with Virtual Worlds...the software is affordable, even free...and yes, they'll run on your existing PCs. Dr. Deeds has presented on using Virtual Worlds around the Real World. He'll cover how to set up a local or remote installation and then get you building and programming within minutes!

David Deeds, Director of Information and Learning Technologies, Schutz American School, Egypt

14:30 – 15:00

Future Careers in Future Cities

65% of young people today will work in careers that do not yet exist. How can young people prepare for and develop skills for future careers? This workshop explores future careers and careers that will be inspired by Expo 2020. By 2050, more than 70% will be living in an urban setting. Moving into the future, how can we make our cities happier and more inclusive spaces to live & work

Noora AlBlooshi, Expo School Programme Manager, Expo 2020, UAE

15:00-15:20

Session details TBC

15:30 – 16:00

Learning Social Media in Grade 5

Enabling students to learn, develop, and practice the skills necessary to survive and thrive amidst the complexities of our recently created social media societies is crucial. The World Economic Forum has specified the importance of teaching children digital intelligence through eight digital skills. In this session Richard, and students from Raha International School in Abu Dhabi, look at the importance of, and ways in which, social media skills can be taught in context and integrated into the curriculum.

Richard Ballard, Head of Technology Integration & Grade 5 students from Raha International School Abu Dhabi, UAE

16:00-16:30

Microsoft International Certifications such as Microsoft Certified Educator (MCE) certificate showcases the capability of teachers in applying "21st Century Skills" in their classrooms. Without the efforts of the MOE's program manager, it would not have been possible to set up 4 testing labs across the UAE and accredit a number of teacher training centers to allow 353 teachers to sit for the MCE exams.

Certiport/ Knowledge Point will award 1 program manager and 3 teachers from the MOE

Magdy El Komy, Director MEA, Certiport, UAE

16:30

End of Day 1

09:30

Day 2 - Expo Floor opens

10:15 – 10:45

An introduction to Micro:bits

During this session, we will explore the Micro:bit solution – a unique and exciting platform that can be used in all differing subjects and curricula. The end of the workshop will be dedicated to obtaining hands on experience with the kit so attendees to the session will ideally bring their own devices and install the free Micro:bit app available via: <https://microbit.org/guide/>

Andy Turner, Head of Education Technology & Innovation, Aldar Academies, UAE

11:00 – 11:30

Drones for Education

Drones For Education combines industry, governance, real-world skills and 21st century curricular needs to truly engage learners. The programme of study and drone club includes drone building, drone racing, cross-mapping of curriculum and case studies in using drones for good. Piloted in Dubai there is already huge worldwide appeal!

Baz Nijjar, Director of Innovation, First Point School, UAE

11:45 – 12:15

Will technology replace teachers

- Discovery & Development of STEM Education
- Practical Ideas and Resources for Introducing STEM
- Implementing STEM in Schools
- Benefits of Technology in Classrooms, BRIC Software and STEM LAB usage

Mr. KK Ashraf, Founder & CEO, Creative Educational Services, UAE

Allison McDonald, Principal, Al Basma British School, UAE

M.R.K Menon, Director of STEM Education, Creative Educational Services, UAE

Ms. Janna Marjo K. Wilkko, Principal, Garden City British School, UAE

Sponsored by Creative Educational Services

12:30 – 13:00

The Marvel of Virtual Reality: How VR Gives Students Superpowers

VR allows students to break the laws of physics and interact with learning in new ways that have never been possible before. Join VR pioneers Paola Paulino and Steve Bambury for a look at how VR can give students powers like those of Marvel superheroes and explore how these powers can be harnessed to transform learning in the classroom.

Steve Bambury, Head of Digital Learning and Innovation, JESS Dubai, UAE

Paola Paulin, Lead, VRARA Media; International Ambassador, VR Women (Asia); Chief Innovation Director, XR Pioneer Ltd.; VRARA Chapter President, China

13:15 – 13:45

Getting future ready: Learning valuable lessons for life through entrepreneurship @ School

Nehru World School, India is focused on equipping students with the skills they need to succeed in the future. This session will share some of the programmes in detail, including a pan-school, business building project which pays dividends in more ways than one!

Mr. Arunabh Singh, Director and School Principal, **Nehru World School, India**

14:00 – 14:30

Photography and Wellbeing in the classroom

This session looks at the unique qualities and pedagogical potential of photography in the classroom, with a particular focus on student wellbeing and expression. As a passionate photographer and educator, David will share his experience with digital media both inside and outside the classroom, while also exploring various apps and their practical use. By the end of the session, those attending will have gained an understanding of a range of educational apps that incorporate photography and how they can be applied to support student wellbeing, along with other learning objectives.

David Murphy, Head of Computing and ICT, **JESS, Dubai – UAE**

14:45 – 15:15

Research-informed #edtech use in schools

An evidence informed approach to adopting and using educational technology to reduce workload, enhance the learner experience and improve student outcomes.

Olly Lewis, Head of Science, **The British International School Abu Dhabi, UAE**

15:15

End of Day 2