



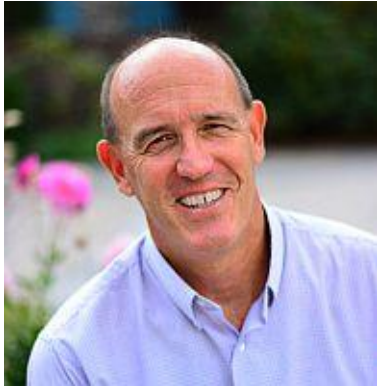
PREPARING TODAY'S STUDENTS FOR TOMORROW'S WORKPLACE

13-16 November

Le Méridien Conference Centre, Dubai

Edtech superstars confirmed for 2017...

Grant Lichtman



@GrantLichtman

Internationally recognised thought leader, best-selling author and TEDx speaker in the drive to transform education

Justin Reich



@EdTechTeacher21 @bjfr

Executive Director of the MIT Teaching Systems Lab, research scientist in the MIT Office of Digital Learning and lecturer in the MIT Scheller Teacher Education Program

Steven W. Anderson



@web20classroom

Top Twitter edtech inspirer, founder of #edchat and globally recognised expert in educational technology integration

Vicki Davis



@coolcatteacher

Teacher and the IT director at Westwood Schools in Georgia, author of 3 best-selling edtech books and one of the world's leading edtech bloggers, *Cool Cat Teacher*

Fun fact- Our confirmed keynotes have a combined total of 325,000 Twitter followers!

Follow us on Facebook & Twitter @EduTECHDXB

Main conference agenda day one - 14th November

HARNESSING NEW CONTEXTS OF LEARNING

09.00 **Keynote: Expanding horizons: evolving to meet the challenges of the next 20 years**

- Why, what and how can schools change most effectively over the next 20 years?
- Unravelling unique, forward looking visions that the most innovative institutions are embracing
- Creating more authentic and engaging learning experiences for deeper learning
- How does connectivity drive change?
- Transforming learning to encompass global content and experiences

Grant Lichtman, Author, **Moving the Rock: Seven Levers WE Can Press to Transform Education & #EdJourney: A Roadmap to the Future of Education**, Chief Provocateur, **The Future of K-12 Education**

09:30 **Keynote: Tomorrows learning today: paradigm shifts in the future of learning**

- Visualising what the modern teacher is and what PD looks like
- Understanding the science of learning
- What constitutes an effective and powerful learning experience in the 21st century?
- Incorporating design thinking: empathy, challenge, discovery, sharing
- Getting ready for the future workplace: what are the impacts of AI, machine learning, robots, VR

Justin Reich, Executive Director, **PK12 Initiative at MIT**, Research Scientist, **MIT Teaching Systems Lab**, Co-Founder, **EdTechTeacher**, USA

10.00 **Keynote: Artificial intelligence: the future schools secret weapon**

- Unleashing the potential of artificial Intelligence in education (AIED)
- Potential uses of machine learning: dynamic scheduling, peer grading, visualising workflows, improving learning and staff retention
- Providing one-to-one tutoring to every student, in every subject
- Creating authentic virtual learning environments

Reserved for platinum sponsor

10.20 Speed networking

10.40 Morning tea

11.20 Streams begin: attendees can visit any of the conferences below

K-12 LEADERS		IT LEADERS		HIGHER ED LEADERS		EDTECH ARABIA <i>All content will be presented in Arabic</i>		THE MAKERS PLAYGROUND	
21 st CENTURY PEDAGOGICAL APPROACHES		INNOVATION IN IT		CAMPUS OF THE FUTURE <i>Host: Ian McNaught, Head of Library & Computing Services, Majan College</i>		INNOVATIVE TECHNOLOGY & PEDAGOGY		HANDS ON LEARNING	
11.20	<p>Panel: Developing workforce readiness through collaborative learning</p> <ul style="list-style-type: none"> Incorporating project based learning and instructional design Creating an effective classroom geography Focusing on the process, not right answers Providing project based learning, problem based learning and inquiry based learning opportunities <p>Catherine Erpen, Assistant Elementary Principal, GEMS World Academy Abu Dhabi Fauzia Hasan, Vice Principal, British</p>	11.20	<p>Panel: Building school wide innovation</p> <ul style="list-style-type: none"> Examining educational frameworks: Universal Design for Learning Facilitating 'edge to edge' learning for all students Cultivating a culture for innovators, leaders, pioneers, creators and entrepreneurs to thrive Fostering flexible, open learning environments <p>Pranjala Dutta, Principal, The Apple International School Mohamad Saad, Principal, MADAR International School Tracy May, Assistant Head of Secondary/Head of Science Faculty, Al Dhafra Private School</p>	11.20	<p>Panel: Stepping into the future: technology enabled learning environments</p> <ul style="list-style-type: none"> Establishing a clear vision: what, why, where and how Modernising the learning environment to enhance the student experience How can we bring the IoT to life? Improving productivity and communications infrastructure Using analytics to advance collaboration and data sharing <p>Anwar Kawtharani, Dean, School of Education, Lebanese International University Pamela Johnson, Instructional Technology</p>	11.20	<p>Introducing STEM learning</p> <ul style="list-style-type: none"> Moving away from the traditional concept of 'chalk and talk' Incorporating problem-solving, discovery and exploratory learning Moving from teacher-centric to student-centered classrooms Actively involving students in their own process of learning <p>Sharifa Hajjat, General Manager, Arab ELearning Academy</p>	11.20	<p>Getting started with makerspaces</p> <ul style="list-style-type: none"> The maker mindset: what matters most in maker education How to help teachers become makers Creating an active, vibrant makerspace with the resources and space you already have <p>Christine Nasserghodsi, Innovation Leader, GEMS Education</p>

	International School Ajman Khalil Ahmed , Seniors Head Teacher, British School of Bahrain		Duncan Silcock , Director of Digital Learning, Brighton College Abu Dhabi		Facilitator, Petroleum Institute Jacob Kuriyan , Director, Information Technology, Khalifa University				
11.40	Using the right technology to flip your class <ul style="list-style-type: none"> Implementing flipped learning in the classroom as a method of risk-taking Restructuring class time Driving the in-class benefit is dependent upon the utilisation of technology tools. So what technologies are necessary in a flipped classroom? Patricia Coffey , Head of Chemistry, Jumeirah English Speaking School	11.40	Rock your class (and test scores) with adaptive learning technology <ul style="list-style-type: none"> Meeting the needs and pace of each student Transforming learning outcomes Customising content and saving you time to teach, inspire and help your students achieve mastery Leveraging algorithms to increase student engagement Ali Habbache , IT Integration Manager, Ajman School	11.40	Case study: Creating contextual experiences with the IOT <ul style="list-style-type: none"> Defining the IoT in education: wearables, RFID, BYOD, wireless devices and more Rewarding students digitally Predicting academic progress, identifying problem areas and risk of attrition Solving challenges: logistics, administration, systems, infrastructure and student life Cameron Mirza , Head of Transformation, University of Bahrain	11.40	Using 3D printing to teach <ul style="list-style-type: none"> Empowering staff and integrating technology into the curriculum Integrating languages and science through 3D printing projects Developing critical thinking skills Abbas Abdulsamad , Instructional Technology Specialist, School of Modern Skills	11.50	Using virtual reality to teach <ul style="list-style-type: none"> Bring learning to life with VR in the classroom Where to start with structuring lessons Steve Bambury , Head of Digital Learning and Innovation, Jumeirah English Speaking School
12.00	Cultivating new contexts of learning <ul style="list-style-type: none"> Encouraging interdisciplinary innovation Creating motivated learners Edtech is making way for greater blended, personalised and 	12.00	Integrating digital citizenship into the IT curriculum <ul style="list-style-type: none"> From digital citizenship to digital leadership: empowering learners Identifying key components: <ul style="list-style-type: none"> Digital safety Awareness 	12.00	Creating immersive worlds with VR <ul style="list-style-type: none"> Building virtual worlds Understanding how immersive media and social presence can create new forms of compelling experiences and narratives 	12.00	Fostering the rise of the Teacherpreneur <ul style="list-style-type: none"> Allowing innovative teachers to become entrepreneurs Removing restrictive frameworks and policies Enabling teachers to lead, rather than leave 		

	<p>competency based learning</p> <ul style="list-style-type: none"> • Reinventing learning for the always on generation • Identifying learning attributes of digital learners <p>Andrew Nolan, Manager – Education Technology, GEMS Education</p>		<ul style="list-style-type: none"> ○ Leadership • Making safe, smart, ethical decisions online • Navigating cyberbullying, internet safety, and other digital dilemmas <p>Ashish Bhatnagar, Principal, Rockwoods High School</p>		<ul style="list-style-type: none"> • Collaborating in real time with instructors and students from around the world • Developing multi user virtual reality experiences • Embracing immersive storytelling • Revealing the importance of creativity-by-combination • Designing complex and powerful virtual reality prototypes <p>Christian Grewell, Associate Professor, New York University Shanghai Theodore Lee, Program Services Office, New York University Abu Dhabi</p>		<ul style="list-style-type: none"> • Encourage teachers to become ‘connected teachers’ <p>Ghada Fahmi, Computing and ICT Leader, Victoria International School Sharjah</p>	
12.10	<p>Equipping the modern classroom</p> <ul style="list-style-type: none"> • Increasing the depth of student and teacher engagement • Providing interactive and collaborative use of classroom devices learning • Enabling the flow of dynamic, interactive content across 	12.10	<p>Connecting your campus to the cloud</p> <ul style="list-style-type: none"> • Combining cloud solutions that manage infrastructure with services • Reducing IT infrastructure purchasing, management and maintenance costs • Overcoming security and privacy concerns <p>Reserved for sponsor</p>	12.10	<p>From lecture theatre to library: building digital capabilities</p> <ul style="list-style-type: none"> • How to integrate technology into the classroom, studio and courses • Exploring tools that you can roll out tomorrow • Increasing student engagement and alumni success • Enabling learners, instructors, and institutions to 	12.10	<p>Engage, motivate and excite your students with interactive lessons</p> <ul style="list-style-type: none"> • Changing the way we facilitate lessons • Instantly gauging student understanding and receiving real-time feedback • Sharpening critical thinking skills • Engaging students in the only way that they know: a hyper-stimulated environment 	

	multiple connected devices				customising and personalise their digital environment		Reserved for sponsor			
	Reserved for sponsor				Reserved for sponsor					
12.20	Roundtables <ul style="list-style-type: none">A step by step guide to adopting a deeper learning pedagogy Alveena Abrar, Head of Innovation, American International SchoolWhere to start: choosing the right tech for your institutionsOpening the world to students through VR and ARCreating a personalised 1:1 journey for each student Fauzia Hasan, Vice Principal, British International School AjmanAn end to end model for leadership development in educationPromoting happiness and positivity in the classroom Pranjala Dutta, Principal, The Apple International SchoolCreating digital student portfolios Karima Ben Hassine, Arabic Teacher, Ajman Academy				Roundtables <ul style="list-style-type: none">Beyond the novelty of creativity in education: fostering creative ideation Radoslaw Janik, Assessment Development Unit, Ministry of EducationOvercoming the challenge of achieving streamlined cyber security in a decentralised IT environment Jacob Kuriyan, Director, Information Technology, Khalifa UniversityChoosing the right LMS for your learning environment Taher Ali, IT Director and Assistant Professor of Computer Science, Gulf University For Science and TechnologyWhere to start when upgrading your learning systemsUbiquitous connectivity: the challenge facing "connect anywhere" student behaviourMoving PD into the 21st century: bespoke learning opportunities for staff utilising digital accreditation and MOOCs Ben Rothwell, Head of Technology & Innovation, Victory Heights Primary School				12.20	Unlocking the potential of iPads in education <i>Explore interactive writing, app smash, single app projects and student driven portfolios</i> Reserved for sponsor

13.00 Networking lunch

K-12 LEADERS	IT LEADERS	HIGHER ED LEADERS	EDTECH ARABIA <i>All content will be presented in Arabic</i>	THE MAKERS PLAYGROUND
IMMERSIVE LEARNING & TEACHING	MACHINE LEARNING, DATA & ANALYTICS	ADAPTIVE LEARNING TECHNOLOGY <i>Host: Ian McNaught, Head of Library & Computing Services, Majan College</i>	DIGITAL RESOURCES	HANDS ON LEARNING

14.20	<p>Panel: Creating a virtual learning experience with AR & VR</p> <ul style="list-style-type: none"> Introducing the 'non-virtual' 'virtual' classroom Creating interactive content with AR Using simulations to make a point and reinforce concepts Incorporating low cost learning: Google Cardboard and free apps <p>Steve Bambury, Head of Digital Learning and Innovation, Jumeirah English Speaking School Ben Rothwell, Head of Technology & Innovation, Victory Heights Primary School</p>	14.20	<p>Preparing for an era of data ubiquity</p> <ul style="list-style-type: none"> Addressing the data dilemma: setting standards and policies for ethical data use Unravelling data's transformative power: living transcripts, real-time feedback, personalised interaction, increased engagement Safeguarding student and teacher data while realising its full potential Is the 21st century classroom data driven or data drowning? Aggregating multiple sources of data for a single, holistic view <p>Aslam Sharif, Head of ICT, Beaconhouse School Systems</p>	14.20	<p>Panel: Designing a deeper personalised learning experience</p> <ul style="list-style-type: none"> Driving learning for distance students Anticipating the needs of digital natives that have grown up with consumer-based interactive technologies Creating a personalised learning network for each student: anywhere, anytime Learning the way we live Using adaptive learning to complement online or hybrid environments <p>Hala Nazmy, Mathematics and Science Programme Director, Abu Dhabi University Amaal Al-Hashimy, Academic Leader, Sultan Qaboos University Yara Azouqa, Learning Community Coordinator, Abu Dhabi University Taher Ali, IT Director and Assistant Professor of Computer Science, Gulf University For Science and Technology</p>	14.20	<p>Harnessing digital resources for Islamic studies</p> <ul style="list-style-type: none"> Invigorating the Islamic curriculum with modern pedagogy and well-harnessed technology Demystifying the Arabic language Harnessing the power of content creation apps Making learning more immersive, engaging and fun Bringing an appreciation of Arabic to Generation Z <p>Belal Satouf, Arabic & Islamic Specialist, Ajman Academy</p>	14.20	<p>Utilising the design process to create innovators</p> <ul style="list-style-type: none"> How to teach the design process Utilising it to teach coding, robotics, and engineering through various design challenges Setting design challenges in an age-appropriate way <p>Annie Barrows, Technology Integrator, Clarion School</p>
14.40	Impact of exponential technologies and accelerating change	14.40	Machine learning and cybernetics in a 21st century classroom	14.40	Unlocking the potential of adaptive technology in STEM learning	14.40	Assessing student attainment in a digital age	14.50	Using innovation stations for STEAM instruction

	<ul style="list-style-type: none"> Exploring the exponential growth of technology What impact will smart agents and super smart AIs of the future have on human society? How will greater-than-human intelligence impact society? <p>Rohan Roberts, Innovation Leader, GEMS Education</p>		<ul style="list-style-type: none"> Assessing the issues of computer-based assessment Why data-driven models are key to successful education A case of short-answer questions processing Cybernetics in a teacher-student relationship An example of simple linear regression in psychometric analysis <p>Radoslaw Janik, Assessment Development Unit, Ministry of Education</p>		<ul style="list-style-type: none"> Fostering a more personalised and self-paced approach to learning Tracking student performance, predicting course mastery and providing dynamic content recommendations Fostering collaboration in online learning environments Exploring cognitive tutor authoring tools <p>Dr Curtis Bradley, Associate Professor, The Petroleum Institute</p>		<ul style="list-style-type: none"> Evaluating and choosing the right formative assessment tools Measuring student mastery and progress Tracking attainment throughout the year Aligning assessment with learning outcomes <p>Manal Al Habbal, Head of Islamic Studies, Jebel Ali School</p>		<p><i>Demonstrating and engaging in best practices for interactive technology enhanced learning</i></p> <p>Stephanie Bernier, Director of Digital Learning, Victoria International School Sharjah</p>
15.00	<p>Infusing technology across the curriculum</p> <ul style="list-style-type: none"> Working collaboratively with teachers Encouraging and supporting them in their role to incorporate information technology Bringing education to life with interactive technology Making learning more engaging and memorable 	15.00	<p>Facilitating effective classroom management</p> <ul style="list-style-type: none"> Motivating and managing the class using your MIS Implementing a consistent whole school approach Collecting & using data to drive decisions Integration with a pastoral House programme Increasing parental engagement <p>Lee Drury, Data Manager, British</p>	15.00	<p>Stepping into the future: adaptive and dynamic learning environments</p> <ul style="list-style-type: none"> What is the role of computer feedback in adaptive learning? Evaluating the state of play: systems and machine learning technology Where will software take learning in the future? <p>Anwar Kawtharani, Dean, School of Education,</p>	15.00	<p>Rise of the MOOCs</p> <ul style="list-style-type: none"> Exploring the benefits of free, massively available instruction Improving the efficiency of formative instructional practices Taking a hybrid approach to support personalisation of learning Accessing top course content that was previously 	15.20	<p>Coding in the classroom</p> <p><i>Explore resources and strategies that teach students how to programme and code</i></p> <p>Katie Smithers, Digital Learning Leader, GEMS Wellington International School</p>

	<ul style="list-style-type: none"> Promoting essential learning and innovation skills to create a 21st century classroom <p>Tracey Campbell, Leader of Learning Technology and Innovation, Kings Nad Al Sheba</p>		International School Riyadh		Lebanese International University		unattainable: MIT, Harvard and more		
15.10	<p>Learning the art of digital content curation</p> <ul style="list-style-type: none"> Understanding the new world of digital media Engaging students with multimodal content Developing a strategy for contextualising content Turning educators into curators <p>Reserved for sponsor</p>	15.10	<p>Let's get personal: big data to personalise learning</p> <ul style="list-style-type: none"> Creating personalised learning paths for students Utilising big data, analytics and cognitive computing to enhance student outcomes Gathering data to determine how the student learns best Accessing historical student and formative data for teachers to use to differentiate for each student <p>Reserved for sponsor</p>	15.10	<p>Paving the way for next-generation LMS</p> <ul style="list-style-type: none"> Unbundling all components of the learning experience Mixing open content and educational apps in unique and compelling ways Seamlessly customising your virtual environment with sophisticated learning analytics and adaptive learning Ensuring your learning ecosystem supports skill acquisition and assessment Incorporating key elements: interoperability, personalisation, learning assessment, collaboration and accessibility <p>Reserved for sponsor</p>	15.10	<p>Embracing cloud computing to enhance the classroom experience</p> <ul style="list-style-type: none"> Scaling infrastructure to meet your schools needs Reducing the need to physically back-up files Transforming from Virtual Learning Environments (VLEs) to Personal Learning Environments (PLEs) Connecting every classroom to the cloud for increased mobility <p>Reserved for sponsor</p>	15.50	<p>Implementing computational thinking across the curriculum</p> <ul style="list-style-type: none"> How to begin implementing robotics and computational thinking in your classroom <p>Noha Bishry, Innovation & Technology Coach, Gems Nations Academy</p> <p>Aarti Daswani, Elementary Teacher, GEMS Nations Academy</p>

EVOLVING CURRICULUMS		SAFETY, SECURITY & STUDENT DATA PRIVACY		DEEPER LEARNING APPROACHES Host: Ian McNaught , Head of Library & Computing Services, Majan College		CHANGING THE WAY WE TEACH	
15.20	Panel: STEAMing through the curriculum <ul style="list-style-type: none"> Designing technology-enriched STEM lessons that integrate across the curriculum Employing project based learning Tackling real-world challenges to develop flexibility, creativity and communication STEM vs STEAM: do the arts belong? Suzanne Rodricks , Head- Foundation and Lower Primary, Dubai Scholars Private School Alveena Abrar , Head of Innovation, American International School	15.20	Getting the most out of your BYOD strategy <ul style="list-style-type: none"> Policy v Practicality: Uptown's Journey Driving stakeholder engagement Managing a mixed device arena Consistency of experience across student owned devices Problem, solutions & next steps Darren Frearson , Head of Technology Integration, Uptown School	15.20	Adopting mastery and competency based learning approaches <ul style="list-style-type: none"> How is collaboration driving HE innovation? Overcoming challenges in assessment standardisation Fundamentally designing instruction for each learner Preparing students to succeed in a global environment Drawing on multiple data sources 	15.20	Driving student engagement with smart learning tools <ul style="list-style-type: none"> Integrating tablets, whiteboards, apps and more into EVERY lesson Empowering even the most reluctant learners to gain confidence in contributing Creating lessons that are meaningful and have a purpose Visualising information in an interactive way Karima Ben Hassine , Arabic Teacher, Ajman Academy
15.40	Equip, engage, inspire: teachers as collaborative curriculum designers <ul style="list-style-type: none"> Adopting a flexible design system Sharing and creating powerful experiences online Gaining valuable PD while 	15.40	Live hack: Protecting your students <i>Our presenter will demonstrate how easy it can be to hack into a mobile device</i> <ul style="list-style-type: none"> Identifying the most common mobile device security threats Secure, simplified device management 	15.40	Case study: A new digital learning experience with Big History Adventures <ul style="list-style-type: none"> Utilising storytelling with narrativization that's scalable Incorporating mobile entertainment design and tech innovation Fostering student curiosity 	15.40	Flipping your learning environment <ul style="list-style-type: none"> Enhancing the overall learning experience Adapting instructional and collaborative approaches to personalise the learning experience

	collaborating with peers Tapping into you global community: readily available rich digital content Tracy May, Assistant Head of Secondary/Head of Science Faculty, Al Dhafra Private School		across multiple platforms <ul style="list-style-type: none"> Monitoring students across every device Protecting the security and integrity of online assessments 		<ul style="list-style-type: none"> Building conceptual connections between different fields of human inquiry Spencer Striker, Assistant Professor of Digital Media, American University in Dubai		<ul style="list-style-type: none"> Deploying project based learning: more time for discussion Letting online learning complement your physical style Enabling students to self-manage their own style and pace of learning Dr Sandy Abu Saif, Associate professor, Higher Colleges of Technology		
16.00	Creating thinking, creative computing: weighing up the value of computer science <ul style="list-style-type: none"> Equipping students for a digital economy Encouraging computational thinking Developing problem solving skills Ensuring students are creators not just consumers Is computer science the great equity equaliser? Using instructional tools: programming, app creation, coding Victor Rodriguez, Head of Computer Science,	16.00	Raising the bandwidth of dated ICT systems <ul style="list-style-type: none"> Finding cost effective tools to increase the capacity of old IT systems How can API transform your IT infrastructure? Achieving the need for speed in a constantly connected learning environment Choosing a robust and reliable network 	16.00	Examining the impact of tech giants in the classroom <ul style="list-style-type: none"> Examining case studies What are the expected outcomes of these initiatives? Exploring the potential effects on student learning What are the advantages and challenges for students and educators? Pamela Johnson, Instructional Technology Facilitator, Petroleum Institute	16.00	Making students creators <ul style="list-style-type: none"> Learning through creation of content, rather than consumption Inspiring creativity Enabling students to create with technology Becoming a leader in digital storytelling 		

	American School of Creative Science								
16.10	Choosing the right pace, at the right time <ul style="list-style-type: none"> • Igniting a passion for learning • Engaging students at every stage of their learning journey • How to use authentic student data to drive instruction • Meeting individual student needs within a personalised setting Reserved for sponsor	16.10	Securing your campus network <ul style="list-style-type: none"> • Addressing privacy concerns • Understanding the nature of cybercrime and cyber threats • Staying safe: strategies and policies • Developing defensive strategies • Contingency planning: recovery, redundancy, backup • Managing data flow and privacy Reserved for sponsor	16.10	Digital strategies to drive student enrolment <ul style="list-style-type: none"> • Tapping into the social media platforms: twitter, Facebook, Instagram • Reaching untapped demographics and markets with distance learning courses • Student retention and success plan: new initiatives for regional student engagement Reserved for sponsor	16.10	Case study: Realising the power of digital platforms <ul style="list-style-type: none"> • Fostering each child's imagination and creativity to tell a story • Transforming the way we teach and learn • Learning through play • Making learning adaptive and personalised Reserved for sponsor		

16.20 Networking break

THRIVING IN A DIGITAL ECONOMY

17.00 **Keynote:** Reimagining the digital learning environment

- Personalising learning solutions with mobile first design
- Using smart uniforms and wearables to track the effects of life variables on learning
- Reflecting the constantly connected society in schools
- Moving beyond the IoT to the IoE (Internet of Everything)
- Personalising every interaction with cognitive computing technologies

Reserved for platinum sponsor

17.20 **Keynote** Essential habits of 21st century educators

- Excite, engage and equip your students for the future workplace
- Learn about the mindsets, best practices and habits that will transform your classroom and make them better places to learn
- Making great ideas happen: the power of the Teacherpreneur in a school
- Reexamining the fundamentals: blending, flipping, collaborating, creating and changing

Vicki Davis, Teacher, **Westwood Schools**, Author & Founder, **Cool Cat Teacher Blog**, USA @coolcatteacher

17.40 **Keynote panel: Show and tell: Behind the scenes of a 21st century STEAM lab**

Find out what it's really like to learn and engage in a 21st century STEAM lab. Vicki Davis and four of her students will showcase how they're harnessing the transformative power of Edtech in the classroom: inventing, app creation, movie making, video game making, robotics and more.

Vicki Davis, Teacher, **Westwood Schools**, Author & Founder, **Cool Cat Teacher Blog** & 4 students

18.00 Close of day one

18.05 After-hours networking party

Main conference agenda day two- 15th November

ADVANCING CULTURES OF INNOVATION

09.00 **Keynote: Flattening classrooms, engaging minds: harnessing the power of global connectedness**

- Empowering every student to learn more
- Preparing students for the real world and inspiring lifelong learning
- What does it mean to be a global citizen?
- Broadening horizons: holding the world in the palm of your hand
- Getting social: integrating social media into day to day learning

Steven Anderson, Chief Learning Evangelist, **Web20Classroom**, Co-Creator, **#Edchat**, USA

09:20 **Keynote: Unleashing the power of STEAM learning**

- Realising the power of narrative storytelling and problem based learning
- Crafting a STEAM framework for your curriculum
- Fostering a culture of collaboration
- Empowering students to take ownership of their education

Amanda Fox, CEO, **STEAMPunksEdu**, Director, **The Global STEAM Collaborative**

09:40 **Keynote panel: Empowering a technologically fluent generation**

- Understanding Generation Z's mindset: the digital natives that live and breathe a hyperlinked, connected life
- Adopting 21st century pedagogical approaches
- Encouraging interdisciplinary, socially meaningful innovation
- Preparing students for economies of the future

- Kick starting effective transformation in schools and universities

Brendon Fulton, Principal, **Dubai British School**

Dan Adkins, CEO, **Murdoch University**

10.00 **Keynote: Embracing the mobile learning mind set**

- Critically thinking about real-world problems
- Creating personalised, visual, 3D learning experiences with AR and VR
- Gamifying teaching and learning to promote lifelong learning
- Delivering digital curriculum material anywhere, anytime

Reserved for platinum sponsor

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10.40 Morning tea

11.20 Streams begin: attendees can visit any of the conferences below

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RETHINKING THE ROLE OF EDUCATORS		ICT PLANNING & INFRASTRUCTURE		MOBILE, ONLINE & BLENDED LEARNING <i>Host: Ian McNaught, Head of Library & Computing Services, Majan College</i>		SMART LEARNING IN THE CLASSROOM		HANDS ON LEARNING	
11.20	Panel: Assessing the qualities of outstanding 21st century K-12 educators <i>Panellists are asked to explain which traits, in their view, are most essential in today's classroom</i> <ul style="list-style-type: none"> • Going global: the value of 	11.20	Panel: Creating a modern vision for teaching and learning <ul style="list-style-type: none"> • Understanding the limitations of most current technology implementations in schools • Building a vision that transforms, not just digitalises learning 	11.20	Moving beyond eLearning <ul style="list-style-type: none"> • Adapting learning content and instruction in real-time • Applying micro learning and digital learning design to address the needs 	11.20	Weighing the transformative power of the future classroom <ul style="list-style-type: none"> • Getting connected: preparing students for the challenges of the digital world • Turning students into digital creators from an early age 	11.20	Flipping Assessment! An interactive session to explore digital assessment & feedback tools. Learn how to leverage the power of edtech to help you: <ul style="list-style-type: none"> • Capture student feedback & reflection • Create self/peer assessment opportunities

	<p>connecting with the rest of world</p> <ul style="list-style-type: none"> Building a digital presence: blogging, tweeting, Instagram, Facebook Collaborating with students, the wider community, online, the world <p>Kamal Gupta, COO, Global Schools Foundation Andy Turner, Head of Education Technology, Aldar Academies Neil Matthews, Associate Principal, GEMS Wellington Academy Al Khail Rubi Mahmood, Program Manager, School Development Division, Abu Dhabi Education Council</p>		<ul style="list-style-type: none"> Articulating and communicating your mission to the school community Creating a culture of learning and support Moving beyond literacy and numeracy: into the realms of critical thinking, ethical action and a deep awareness of our global culture <p>Shadi Ayoub, Senior Manager, Learning Resources, Institute of Applied Technology Amol Arora, Managing Director, Shemford Futuristic Schools Hamed Al Shukairi, Director, Digital Initiatives, Ministry of Education</p>		<p>of the modern learner</p> <ul style="list-style-type: none"> Creating a two-way conversation: listening to our learners needs Integrating video platforms, social learning, video learning and instant chat into courses Evaluating MOOCS, content sharing and open educational resources <p>Hala Namzy, Mathematics and Science Programme Director, Abu Dhabi University</p>		<ul style="list-style-type: none"> Investing in teachers: providing them with resources and professional development opportunities to use tech effectively Meaningfully engaging students with digital, multimodal learning <p>Mohamed Ragab Abdelaal, Teacher, Rashid Bin Humaid Model School</p>		<ul style="list-style-type: none"> Gauge student prior knowledge & understanding Provide teacher feedback and online marking Track student progress & check understanding <p>Gavin Boyle, Director of ICT, St Christopher's School</p>
11.40	<p>Transforming education through a culture of collaboration</p> <ul style="list-style-type: none"> Organisational capacity, strategic planning and quality assurance Building teacher and leader capacity Investing in teacher effectiveness to 	11.40	<p>Realising the potential of the Internet of Your things</p> <ul style="list-style-type: none"> Making the most of the infrastructure, devices and data already in place Building a robust, maintainable, end-to-end IoT solution Generating student profiles with data on attendance, performance, and productivity 	11.40	<p>Blending and flipping your learning environment</p> <ul style="list-style-type: none"> Paving the way to learning anytime, anywhere Adopting and adapting the blended way of delivery Taking an enquiry based approach Encouraging peer instruction 	11.40	<p>Creating digital communities</p> <ul style="list-style-type: none"> Ensuring leaders have the framework, training and resources to champion a digital transformation Engaging all stakeholders: senior leadership, parents, wider community Trial and error: being ready to fail Motivating parents to be involved 	11.50	<p>Genius Hour for student agency and authentic learning</p> <p>Lorrie Cook, Digital Learning Coach, International School Group Dammam</p>

	<p>improve student learning</p> <ul style="list-style-type: none"> Facilitating collaboration and continuous learning by connecting teachers across your school Creating virtual professional learning communities and recognising professional growth <p>Asha Alexander, Principal, The Kindergarten Starters</p>		<ul style="list-style-type: none"> Improving efficiency and optimising operations Equipping students with new skills through the Internet of Everything Keeping students safe: real time observations, access control and social media mining <p>Jim Stearns, Deputy Principal, Victoria International School Sharjah</p>		<ul style="list-style-type: none"> Extending the in-class experience beyond the classroom Supporting students to achieve higher learning <p>Hussein Elmehdi, Dean of Academic Support Services, University of Sharjah</p>		<ul style="list-style-type: none"> Communicating with teachers digitally about grades, calendars, homework and more 	
12.00	<p>Connecting, learning and collaborating globally</p> <ul style="list-style-type: none"> Making the world your classroom Embracing exponential technologies Using 3D Printing, Google classroom and Belouga.org to connect with schools across the globe <p>James Harwood, Head of Department, Mirdif Private School</p>	12.00	<p>Aligning budgets, visions and strategies</p> <ul style="list-style-type: none"> Measuring cost and time vs ROI Beyond the technology itself: managing change Linking your schools budget and its plan for raising standards and attainment What needs to be done to secure the future of the school in line with the strategic vision? Establishing key criteria to ensure tech aligns with business needs 	12.00	<p>Charting the rise of mobile learning</p> <ul style="list-style-type: none"> Creating responsive content and website design Integrating within informal learning environments Fostering deeper learning approaches by creating course content Leveraging the ubiquity of mobiles to enhance teaching and learning Increasing collaboration and participation Increasing opportunities for 	12.00	<p>Rolling out edtech in the language learning classroom</p> <ul style="list-style-type: none"> Understanding the benefits of blended instruction Augmenting your existing curriculum with apps and digital tools Taking student engagement to new heights Getting creative and utilising free, online storytelling tools 	

			Amit Kothari, Executive Director Interstar Advisory Services		<p>student-instructor interaction</p> <ul style="list-style-type: none"> Leveraging mobiles capability to create rich, engaging content <p>Dr Mouwafac Sidaoui, Professor and Chairman, Department of Business Analytics, University of San Francisco</p>				
12.10	Visualising the future of tech enabled teacher training <ul style="list-style-type: none"> Recognising and sharing achievements with teacher badges Gamifying PD Building a picture of your lifelong learning journey Empowering individuals to take their learning with them Creating a global skills currency Impactful PD strategies to lead and empower <p>Reserved for sponsor</p>	12.10	Managing campus Wi-Fi <ul style="list-style-type: none"> Discovering the top misconceptions that impact wireless network performance How to plan, design, implement, and optimise wireless networking solutions Case study: looking at Wi-Fi from a hackers perspective <p>Reserved for sponsor</p>	12.10	Assessing which blended learning tools are right for your learning environment <ul style="list-style-type: none"> Customising fully interactive, engaging courses How much training and set up is required? Utilising multiple features Weighing up the ROI <p>Reserved for sponsor</p>	12.10	Choosing the right LMS to meet your needs <ul style="list-style-type: none"> Accessing student data, curriculum resources and professional development resources anywhere, anytime Easily tracking learner performance and progress Encouraging collaborative learning and teaching Equipping you with the tools to streamline, optimise and control your digital classroom <p>Reserved for sponsor</p>		
12.20	Roundtables <ul style="list-style-type: none"> Rethinking assessment in the K-12 classroom <p>Jwairia Saleem, Principal, The Indian Academy Dubai</p> <ul style="list-style-type: none"> The future of the IT function in a cloud-based IT environment Getting started with game-based mastery learning 			Roundtables <ul style="list-style-type: none"> Overcoming the challenges of integrating technology into the curriculum <p>Raed Al Staif, High School Biology Teacher, American International School</p> <ul style="list-style-type: none"> Choosing the right 1:1 device for your school Assessing students in meaningful ways 			12.20	App-smashing combinations for the K-12 classroom <p><i>Explore apps for creating, coding, driving digital literacy and more in this hands on, fun filled session</i></p>	

<ul style="list-style-type: none"> Creating development pathways to foster tomorrow's K-12 leaders Hamed Al Shukairi, Director, Digital Initiatives, Ministry of Education Creating a culture of learning and collaboration for professional development Lorrie Cook, Digital Learning Coach, International School Group Dammam Top blended learning tools for PD Developing a comprehensive social media strategy 	<p>Parwaneh Sepasi, High School Science Teacher, American School Dubai</p> <ul style="list-style-type: none"> Examining the impact of moving grading and assessment online Hussein Elmehdi, Dean of Academic Support Services, University of Sharjah Exploring online code-teaching environments for today's classroom 	<p>Sheila Seiler, U.A.E. Librarian of the Year, GEMS World Academy, Media Literacy Specialist and Innovation Leader</p>
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13.00 Networking lunch

K-12 LEADERS		IT LEADERS		HIGHER ED LEADERS Host: Ian McNaught , Head of Library & Computing Services, Majan College		EDTECH ARABIA <i>All content will be presented in Arabic</i>		THE MAKERS PLAYGROUND	
MEASURING MASTERY		FOSTERING DIGITAL COMMUNITIES		TRANSFORMATIVE PROFESSIONAL DEVELOPMENT		CREATING GLOBAL CITIZENS		HANDS ON LEARNING	
14.20	<p>Panel: Bursting the assessment bubble: embedding real-time, formative assessment</p> <ul style="list-style-type: none"> Using digital tools to transform how you check for understanding and disaggregate performance data Digital tools to gather, organise and analyse information Shifting from assessment driven to learn focused lessons 	14.20	<p>Panel: Tech ready and beyond: turning your staff into edtech superheroes</p> <ul style="list-style-type: none"> Engaging staff in edtech decision making from the outset Creating an environment that supports edtech success: from structured PD programmes to enthusiasm and recognition 	14.20	<p>The value of subject specific training</p> <ul style="list-style-type: none"> Building confidence, knowledge, renewed enthusiasm Developing a bank of quality assured resources Driving collaboration to improve outcomes Modeling good practice Responding to specific needs 	14.20	<p>Harnessing global perspectives with project-based learning</p> <ul style="list-style-type: none"> Leveraging global project-based learning to foster intercultural skills Developing deep learning competencies and bilingual capability Creating a sense of global citizenship Exploring real-world problems and challenges 	14.20	<p>Using gamification to increase language acquisition <i>Understand how language development and acquisition are advanced by creating an “edutaining” learning environment. Participants will learn how to create games and use a variety of tools including 3D printers to enhance language development and</i></p>

	<ul style="list-style-type: none"> How can we measure creativity and 21st century learning skills? Reviewing engaging activities that integrate formative assessment and content tools to meet standards Determining essential standards: what standards will be assessed then retaught if not mastered? Reflecting on 3 core elements: epistemology, pedagogy and assessment <p>Jwairia Saleem, Principal, The Indian Academy Dubai Gayle Macklin, Sr. Vice Principal - Instructional Leadership, Al Yasat Private School Gavin Boyle, Director of ICT, St Christopher's School</p>		<ul style="list-style-type: none"> Engaging students in the roll-out of technology Setting out clear standards, expectations and goals <p>Mohammed Sajid Azmi, Head of Science, American International School Trevor Ronald Brown, Principal, Indian School Salalah</p>		<ul style="list-style-type: none"> A framework for identification, reflection and intention <p>Amaal Al-Hashimy, Academic Leader, Sultan Qaboos University</p>		<p>Abdulrahman Amer Adlouni, Maths Teacher, KHDA</p>		<p><i>acquisition.</i></p> <p>Rashenah Walker, Curriculum Specialist, School of Modern Skills</p>
14.40	<p>Connecting assessment and learning</p> <ul style="list-style-type: none"> Systematically collecting data about student learning outcomes Using the outcomes of assessment information for continuous improvement Continually developing the quality of individual and school wide programmes 	14.40	<p>Approaching new educational ecologies through speculative design</p> <ul style="list-style-type: none"> Addressing the new wave of new and prescient technology, innovation and pedagogy sweeping through education Creating new education ecologies that meet the demands of the future 	14.40	<p>Leaving no educator behind</p> <ul style="list-style-type: none"> Building your PD network: online and offline Continually self-assessing teaching Virtual professional development Assessing the potential of cognitive tutors Adopting blended strategies to accelerate professional learning 	14.40	<p>The pathway to achieving the UAE Vision 2021</p> <ul style="list-style-type: none"> Creating a knowledge based economy How can we continue to drive effective school leadership? Identifying the top priorities in delivering a first rate education system 	14.50	<p>The world is our classroom: collaborating globally <i>Connect your students with others globally using Skype, blogs, virtual worlds, twitter and other digital tools</i></p> <p>Microsoft Andy Turner, Head of Education Technology, Aldar Academies</p>

	Gemma Escott, Lead Specialist Assessment, Ministry of Education Lewis Hall, E-Learning Specialist, Ministry of Education		<ul style="list-style-type: none"> Using speculative design to challenge assumptions and conceptions about our institutions Thomas Steele-Maley, Chief Foresight and Research Officer for Global Programs, GEMS Education		and provide real time learning Dr Hussain Ahmed Al-Ghaith, Associate Professor, American University of Sharjah		<ul style="list-style-type: none"> How can we ensure that students are equipped with critical thinking, communication, collaboration and creativity? 		
15.00	Letting students take the reins: being accountable for their own learning <ul style="list-style-type: none"> Holding students accountable via self-evaluation of strengths and weaknesses Measuring what counts: memorisation vs understanding via applied learning Creating a context for learning that is meaningful, relevant, and authentic Nurturing strategic, critical thinking skills for solving problems with creative solutions Gamifying your classroom: turning lessons into missions Combining testing that combines critical thinking, authentic learning and 21st century skills Tassos Anastasiades, Director, Ajman Academy	15.00	Fostering brain friendly education <ul style="list-style-type: none"> Creating a brain-compatible learning environment Neuroscience and education: how much tech is too much? Mindful learning What is digital bombardment? Matching edtech products with neurological learning goals Learning cognitive and metacognitive strategies for tools that "drive your brain" Dr Lawrence Burke, Principal, DSB International School Mumbai, Member of Beaconhouse School System Advisory Council	15.00	Shifting from teaching to facilitating <ul style="list-style-type: none"> Disseminating online teaching best practices Lecturers becoming 'coaches' Evaluating resources available for CBE Establishing and cultivating your own online presence Promoting a student-centric classroom: supporting and deepening learning outcomes Stimulating deeper learning connections and peer-to-peer engagement Tasnim Saleh, Campus Academic Coordinator, SAE Institute Dubai	15.00	Learning from the world's largest assessment programme: PISA <ul style="list-style-type: none"> Evaluating the quality, equity and efficiency of schools What is the data really telling us? Learning from the success of other countries UAE case study – examining the next steps 	15.20	Mind mapping In the classroom <i>Accelerate learning, stimulate creativity and develop thinking skills with one of the most empowering and collaborative tools in learning</i> Karen Langan, Innovation and Digital Literacy Coach, The Sheikh Zayed Private Academy for Girls

15.10	Taking an integrated approach to assessment through your LMS <ul style="list-style-type: none">• Making the distinction between testing and assessment: meeting your instructional goals• Transforming the way you measure student, teacher and curricular performance• Streamlining the processes surrounding assessment delivery and data analysis• Painting a big picture: providing immediate access to data• Seamlessly integrating assessment management and learning management Reserved for sponsor	15.10	Improving data interoperability <ul style="list-style-type: none">• Interoperability: the seamless, secure and controlled exchange of data between applications• Driving efficiency, saving time and eliminating repetitive tasks• Laying the foundation for innovation and helping enable great classroom instruction• Driving student and educator effectiveness Reserved for sponsor	15.10	Evaluating MOOCs for PD <ul style="list-style-type: none">• Exploring effective practices for designing and teaching MOOCs• Thinking creatively about MOOCs can enrich your own teaching• Offering flexible and adaptive pacing: anywhere, anytime• Enhancing learning and content delivery• Lowering the costs and barriers to regular PD Reserved for sponsor	15.10	Fostering entrepreneurship in the classroom <ul style="list-style-type: none">• Providing a platform for uninhibited idea exchange• Identifying the attributes of an entrepreneur and the pedagogies required to develop them• Adopting a growth mindset and focusing on the creativity of students• Finding lessons and inspiration in the success of others Reserved for sponsor	15.50	Learning in 3D: making STEAM real <i>Create a future ready classroom where the physical and virtual worlds collide with interactive maps, immersive VR images and 3D models</i>
REDEFINING HOW STUDENTS LEARN		DIGITAL STRATEGIC TRANSFORMATION		EQUIPING DIGITAL CITIZENS Host: Ian McNaught , Head of Library & Computing Services, Majan College		INTEGRATING TECHNOLOGY INTO THE CLASSROOM			
15.20	Unleashing the power of the Protégé Effect <ul style="list-style-type: none">• Exploring the origins of the Protégé Effect – learning through teaching others• How you can use it in your classroom• Which technology and apps work best for this type of learning	15.20	Case study: Approaching an eLearning transformation project Kami Lamki , Principal, Knowledge Gate International School	15.20	Preparing students for economies of the future <ul style="list-style-type: none">• Examining the key challenges facing traditional universities• What innovative practices can be adopted to improve institutional outcomes?	15.20	Creating a holistic learning experience with edtech <ul style="list-style-type: none">• Understanding the benefits: improving concentration, effective collaboration, flexibility• Connecting minds and changing mindsets		

	<ul style="list-style-type: none"> Sharing real life case studies <p>George Stokes, Digital Learning Leader, Safa British School</p>				<ul style="list-style-type: none"> How can we prepare students for future economies? Going beyond the curriculum – what more can be offered to bridge the skills gap? Increasing the blending of business skills with degrees Assessing the need for all graduates to have 'enterprise skills' <p>Dr Wallace Pond, CEO, Khawarizmi International College</p>		<ul style="list-style-type: none"> Supporting a successful learning experience <p>Ghada Fahmi, Computing and ICT Leader, Victoria International School Sharjah</p>		
15.40	<p>Creating authentic learning experiences and assessment strategies</p> <ul style="list-style-type: none"> Moving beyond test scores to evaluate student achievement Weighing up mastery based grading vs portfolios Equipping students with the skills they need for higher education and the future workforce Incorporating real-world learning into schools Flip and reverse it: ensuring that testing and results are not driving pedagogical decisions Fostering a culture of achievement instead of teaching and learning 	15.40	<p>A step by step guide to driving your digital transformation plan</p> <ul style="list-style-type: none"> Maximising the use of instructional technology to support excellence in teaching and learning Engaging all stakeholders with collaborative design thinking challenges Developing a unified leadership plan Identifying and overcoming limitations Conducting micro-pilots of 1:1 equipment and processes Deliver an easy and positive experience 	15.40	<p>Driving graduate employability and productivity</p> <ul style="list-style-type: none"> Identifying key indicators of 21st century employability Enhancing every students' 21st century and work readiness skills Facilitating the development of students reflective skills to develop ongoing learning Strategies to improve employability and productivity <p>Cameron Mirza, Head of Transformation, University of Bahrain</p>	15.40	<p>Raising educational standards with technology</p> <ul style="list-style-type: none"> Establishing a solid foundation for student creativity and innovation Keeping students at the heart of every decision Creating more productive citizens and future leaders Preserving a strong sense of cultural heritage Fostering a moral education 		

	<ul style="list-style-type: none"> Allowing students to interact with content in multiple ways <p>Nadine Tarazi, Senior Education Advisor, Cambridge International Examinations</p>		<p>for stakeholders from day one</p> <p>Naja Faysal, Principal, Boldwin International School</p>						
16.00	<p>Strengthening your classroom community: an Edmodo case study</p> <ul style="list-style-type: none"> Supporting the whole child through technology How to build an Edmodo classroom Learning about the experience and transformation Edmodo can bring to your classroom <p>Chassie Selouane, Director of Learning, Rising School</p>	16.00	<p>Embracing mindfulness when rolling out edtech</p> <ul style="list-style-type: none"> Influencing change in pursuit of productive learning environments Understanding the benefits of mindfulness: enhancing attention and emotional self-regulation Connecting with the policies, processes and aspects of your institutions culture that best support learning 	16.00	<p>Encouraging sustainable education</p> <ul style="list-style-type: none"> Exploring the Sustainable Development goals (SDG's) What is Agenda 2030? Examining the relation between SDG's & education What are the recommendations for higher education? <p>Dr Salma Zaki Nashef, Assistant Professor, Jordanian Scientific Research Society</p>	16.00	<p>Growing teacher capabilities</p> <ul style="list-style-type: none"> Empowering teachers with the knowledge and tools to effectively use technology in the classroom Saving time: no more marking by hand and using traditional chalk boards Ensuring all tools, trainings materials and resources are easily accessible 		
16.10	<p>Creating your own STEAM lab</p> <ul style="list-style-type: none"> Getting started with immersive technology: 3D and VR Transforming engagement levels A toolkit of digital resources Supporting students to become creative makers, designers and builders <p>Reserved for sponsor</p>	16.10	<p>Networks and interoperability</p> <ul style="list-style-type: none"> Bringing the IoT to life Connecting every device to a common network an infrastructure Gathering business intelligence for educators and administrators Exploring end-to-end technologies that let you 	16.10	<p>Authentic learning experiences</p> <ul style="list-style-type: none"> Students as creators Pursuing meaningful tasks that develop tangible, useful products Preparing students for the 'real' world Self-directed learning Using open-ended inquiry, thinking skills and metacognition <p>Reserved for sponsor</p>	16.10	<p>Harnessing technology to support collaboration in the classroom</p> <ul style="list-style-type: none"> Delivering location-independent learning: access resources anywhere, anytime Utilising cloud storage to share resources Exploring the potential of BYOD and 1:1 strategies 		

			connect, secure and manage valuable data Reserved for sponsor				<ul style="list-style-type: none"> • Harnessing the power of edtech to collaborate digitally and improve learning outcomes • Securing your network Reserved for sponsor		
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16.20 Networking break

17.00 End of conference day two

6 pre & post event workshops

Workshop 1: Shaping your future classroom - bringing your school into the 21st century

In order to prepare our students to be successful in meeting the challenges of a rapidly changing world, schools are transforming from a traditional industrial-age model to an information age, deeper learning model of education. This workshop will tackle how the essential elements of the traditional school (mission, the learning experience, hiring, use of the tools of technology, professional development, time, campus facilities and the use of space) must evolve.

Your workshop leader: **Grant Lichtman**, Author, **Moving the Rock: Seven Levers WE Can Press to Transform Education & #EdJourney: A Roadmap to the Future of Education**, Chief Provocateur, **The Future of K-12 Education**

Workshop 2: Digital citizenship made simple: 9 Key P's of Proactive Knowledge

This interactive workshop will teach you a model of digital citizenship and how to teach it using a jigsaw model of cooperative learning. This 9 point digital citizenship model as shared in Vicki's book "Reinventing Writing" and on the popular digital citizenship post she wrote for Edutopia, is all you need to teach students to be safe online. This BYOD session will have some hands-on time as you learn the techniques used with Vicki's students by doing them yourself.

Your workshop leader: **Vicki Davis**, Teacher, **Westwood Schools**, Author & Founder, **Cool Cat Teacher Blog**, USA @coolcatteacher

Workshop 3: Integrating technology in the Arabic classroom

This workshop will provide teachers with practical tools, apps and strategies to teach, with a focus on Arabic language learning. The workshop will be hands-on, with many concrete examples from the classroom. Teachers will need to bring their own device.

Your workshop leader: **Ali Ezzeddine**, Founder, **4Generations4Education** & International Education Consultant

Workshop 4: Becoming a Tech-Savvy Teacher

There is a growing use of technology in the classroom for learning across the globe. The access to near real-time information and devices must change our pedagogical approach to how learning is done. Teachers must adapt what they know about modern teaching techniques to how students are using devices. During this workshop we will explore the impact technology has on teaching and learning. We will examine the 6 Core Areas of Development for Tech-Savvy Teachers and how the use of technology impacts consumption, collaboration, communication and creation.

Your workshop leader: **Steven W. Anderson** Chief Learning Evangelist, **Web20Classroom**, Co-Creator, **#Edchat**

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Workshop 5: Learn to code in a day

This workshop will give you with a solid foundation to coding and provide resources, activities and pedagogical approaches to enable your students to succeed. Whether you're an experienced IT educator, or you've had little exposure to programming before, there'll be something for everyone in this masterclass!

Your workshop leader: **Meraj Faheem**, Founder, **The Hacking School & Code.ae**

Workshop 6: Setting up a makerspace

Join Amanda Fox as she introduces you to the world and tools of epic makerspaces. She will give an overview of the best tech gadgets for learning that any makerspace should not be without. Showcasing virtual reality, participants will learn and navigate this new technology by working in groups to design and create your ideal (and realistic) makerspace. Plan to leave with a solid virtual makerspace blueprint and a plan on how to implement this technology into your own space for STEAM learning. Participants should BYOD and expect to complete several hands on components. Let's trade in this reality for one we build, virtually.

Your workshop leader: **Amanda Fox**, Edupreneur & CEO, **STEAMPunksEdu**