Session Title:

iOS for English Language Learning & Literacy

Rehab Rajab
Supervisor Instructional Technology,
Institute of Applied Technology, UAE.

G-09

Bio

Rehab Rajab worked as an ESL teacher for twelve years before becoming Instructional Technology Supervisor and Teacher Trainer at The Institute of Applied Technology in 2012 where she designs Educational Technology professional development courses for teachers. Rehab is passionate about sharing innovative teaching ideas. She holds an MA in Educational Technology; she's also an Apple Distinguished Educator and an Apple Professional Development Authorised Trainer.

Abstract

When iPad devices become part of the language classroom, they transform everything. As a teacher trainer, I had to redesign some of my lessons as examples to meet the needs of the learners in this new learning environment, which encouraged me to research methods to boost creativity and productivity in the 1:1 iPad ESL classroom. In this workshop, we will explore ways to encourage independent learning, improve productivity and design learning experiences where students enjoy their English Language learning with iPad.

Session Title:

Creating iPad Apps for STEM Education (Part 2)

Kamal Abuqaaud
Electrical Applied Tech Lead Teacher, ATHS Schools Dubai, UAE.

G-16

Bio

Master's degree in Electrical Engineering. Extensive industrial experience in the field of Control Systems and Programming. Began his role as an academician in 2004. Has contributed to ATHS in conducting professional development sessions and carrying on his role as a lead teacher. Has many publications in the field of Control Systems and Image Processing.

Abstract

Reinventing the ways we teach to cater to the digital age! As educators, one of the most important traits of our day is the approach we use to present information. This session will help teachers explore and create various interesting iPad applications that will inspire and engage the digital natives in the learning process. Teachers will also have an opportunity to create student activities related to Science, Math and Engineering to motivate the learners.

Session Title:

Challenge-Based Learning (Part 3)

Darryl Bedford
Oak Lodge School for Deaf Children. London, UK.

G-12

Bio

Darryl Bedford is an Apple Distinguished Educator working in central London. He works closely with several local mainstream schools, providing advice, support and training focused on future technologies in the classroom. He has extensive knowledge and experience of creative Challenge Based Learning approaches featuring Apple technology. Darryl utilises video, animation, portable devices and Internet technologies to encourage collaborative learning and deep thinking.

Abstract

Preparing students for a rapidly changing society means equipping them with the skills to embrace change and solve complex problems.

Creativity, collaboration, persistence, critical thinking and confidence are lessons that cannot be taught from a textbook. Challenge Based Learning is a student centred, active learning approach that encourages students to use technology they use in their daily lives to solve real world problems. This is a hands-on workshop that will exercise your own problem solving and collaborative skills. Examine the theory behind this modern approach to reveal how it can transform teaching and learning.

Session Title:

Arabic Language & Technology-Termnology (in Arabic)

Dr. Toufiq Omar
Arabic Language & Islamic Studies Instructional Designer,
ATHS Abu Dhabi, UAE.

Audit. A

Bio

Dr. Toufiq Omar holds a Ph.D degrees in Islamic Studies and in Arabic Language. He is currently the Arabic Curriculum Developer in ATHS. Dr. Omar is an author, human studies scholar, linguist, exam developer and teacher trainer.

Abstract

This session will include a short workshop about the latest teaching methods and techniques in teaching and learning the Arabic language. The workshop will be followed by a discussion on the role of Arabic language in Science and Technology as well as the possibilities for the Arabic termnology in research.

Featured Session C

Session Title:

Teaching Physics in a Studio Format

Audit. B

Dr. Jamal Hajsaleh
Associate Professor, Petroleum Institute, Abu Dhabi, UAE.

Bio

Dr. Hajsaleh is an associate professor in Physics. He Received his Ph. D. in Molecular Spectroscopy from the University of North Texas in 1993. He has worked in universities in Texas, Bahrain and UAE. Dr. Hajsaleh established the UNT Regional Collaborative for Excellence in Science Teaching in 1995. The collaborative provides professional development for in-service science teachers and has been funded by state and federal grants.

Abstract

The Physics Department of the Petroleum Institute in Abu Dhabi is adopting the studio approach in the delivery of the Physics courses. The approach is a student centred model which utilizes the inquiry based learning. The implementation of this approach is abandoning the traditional lecture and lab and replacing it with activities that go along the learning goals. The curriculum which is defined by the course description is maintained without alteration. The approach has maximized the student engagement. The courses use the team teaching and hence give more attention to individual students with emphasis on the student learning. The adoption has gone into integration and gradual transition. The new model has also a change in the sitting of the classrooms, equipment, technology and schedule. The studio approach has been successful in terms of students' satisfaction, retaining and success rate.

Session Title:

Creating Content with iBooks Author (Part 2)

Nasir Goda
ICT Lead Teacher & eLearning Coordinator,
ATHS Schools Fujairah, UAE.

G-14

Bio

14 years experience teaching ICT. Worked as IT Trainer at ADNOC, then taught ICT at IT Education project in Dubai. Presented IT Tips on Abu Dhabi TV show. Working at ATHS since 2007, currently leading ICT team in Fujairah. Best e-learning teacher award (2013) in ATHS Fujairah campus. Authorized Apple Professional Development Trainer.

Abstract

Adding effective interactivity enriches content of iBooks. This advanced iBooks Author workshop explores creating impressive and interactive lessons using Keynote, HTML, and 3D widgets to fully engage students. It takes iBook content to next level by leveraging existing digital material and presenting it in an interactive way. Topics include: adding sophisticated interactivity to iBook using Keynote, HTML widgets to embed YouTube and Khan Academy videos, tips and tricks for any embeddable Web content like Quizlet, using 3D widgets for 3D content.

Session Title:

Adapting STEM Through Interdisciplinary Activities

Ahmed Hazem
Supervisor instructional developer - Chemistry,
ATHS Directorate of Schools, Abu Dhabi, UAE.

G-10

Bio

Ahmed Hazem holds a B.Sc. in Chemistry and Geology and has been involved in teaching IBDP, AmDP, and AP chemistry curriculum, developing Chemistry Framework, and providing professional development sessions in Kuwait, Saudi Arabia, and UAE. He worked as a geophysicist in KUFPEC Kuwait, an Academic Director , IBMYP- Science Coordinator, and an IB- chemistry teacher in KSA before becoming the Supervisor, Instructional Developer- Chemistry at the IAT- ATHS in 2010. Ahmed is passionate about sharing innovative teaching ideas and strategies as well as developing teaching skills.

Session Title:

Adapting STEM Through Interdisciplinary Activities

Sura Sabri
Acting supervisor instructional developer - Biology,
ATHS Directorate of Schools, Al Ain, UAE.

Bio

Sura Sabri holds a B.Sc. degree in Biology and has over 17 years of teaching experience. She was awarded the HAMDAN award for distinguished teachers 2004-2005. Sura joined IAT in 2011 as a Life Science and Physical Science teacher for the Advanced Science Program at Al Ain Girls Campus and later was appointed HST Lead Teacher, then she was appointed as acting supervisor instructional developer/ Biology. Currently she is working on obtaining a Masters of Education/ Science with the British University in Dubai.

Abstract

The workshop will introduce the following topics:

1. The rationale behind interdisciplinary- based STEM approach
2. Prerequisite for teachers to implement STEM based learning
3. Dimensions of interdisciplinary approach
4. Assign tasks for teachers Attendees will be involved in 2-3 activities covering topics 3 and 4.

At the end of this workshop teachers are expected to acquire a clear vision regarding STEM, and utilizing this approach into their subject specific instructions and activities.

Session Title:

Incorporating Technology Into Literacy

Akshay Maliwal
Head - Strategy, Playware Studios Asia, Singapore.

GL-002

Bio

Akshay Maliwal started out his career in investment banking. After a short stint at a bulge bracket bank, he realized his passion was in education and changing the paradigm of classrooms in today's world. He joined Playware Studios Asia to pursue his passion and create strategies to help Playware achieve their goal, bringing games to the classroom. He has a degree in Economics from UC Berkeley, and has competed on a national and collegiate level in golf.

Abstract

Game-based learning, scenario-based learning, virtual worlds for training, just-in-time-training, can be powerful tools for skills development and training. In this session, you will hear about these approaches, and also learn to design your own games that you can incorporate in your teaching and learning, using the 3DHive platform (patented, award winning learning tool).