



“Global Trends and Pedagogical Best Practices in Teaching and Learning in the Digital Age.”

The Transformation of Higher Education









Access for All

WHAT ARE INNOVATIVE TEACHING PRACTICES?

Student Centered Pedagogies

Personalized
Collaborative
Knowledge building
Self-regulation

Extending Learning

Problem Solving
24/7 learning
opportunities
Global and cultural
understanding

ICT Integration

By educators
By students
Basic usage vs.
Higher-level usage
(for knowledge
building and
creativity)



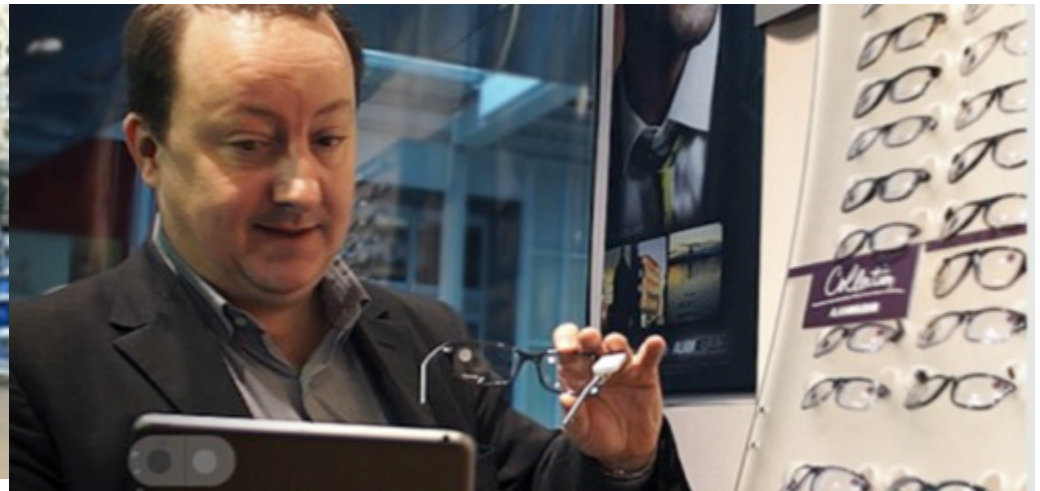
Trending, Drivers, and Approach

- + Digital Impact on Higher Education
- + Business Demands
- + Student Demands
- + Geographical Defiance
- + Globalization & Extended Campuses
- + Competition
- + OPEN ACCESS

Approach

- + Competency-Based
- + Policy changes
- + Seat Time elimination- self paced
- + Flipping
- + Business partnerships- virtual engagement
- + MOOC growth

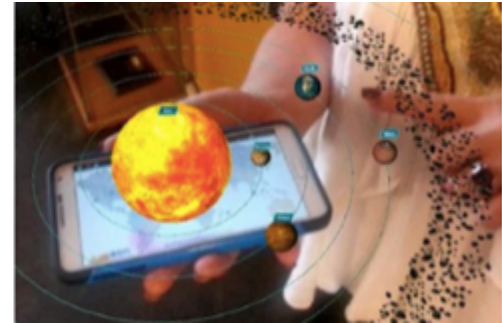
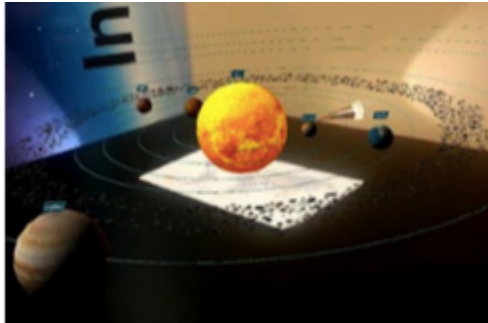
Workplace Environment is Changing



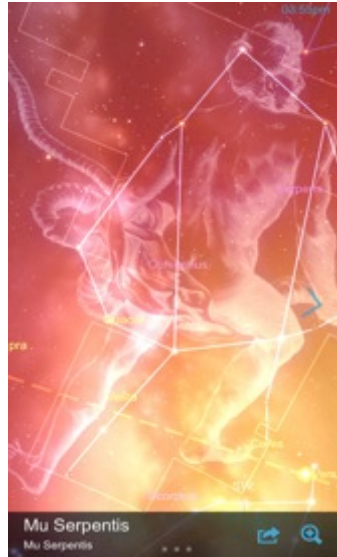
NYANGA
M22
Borcherds Quarry Rd



Augmented Reality



Above: NASA Solar System Lesson Plan using EON AR App



(Photos taken from Star Chart app description on iTunes)

Gamification & Simulations



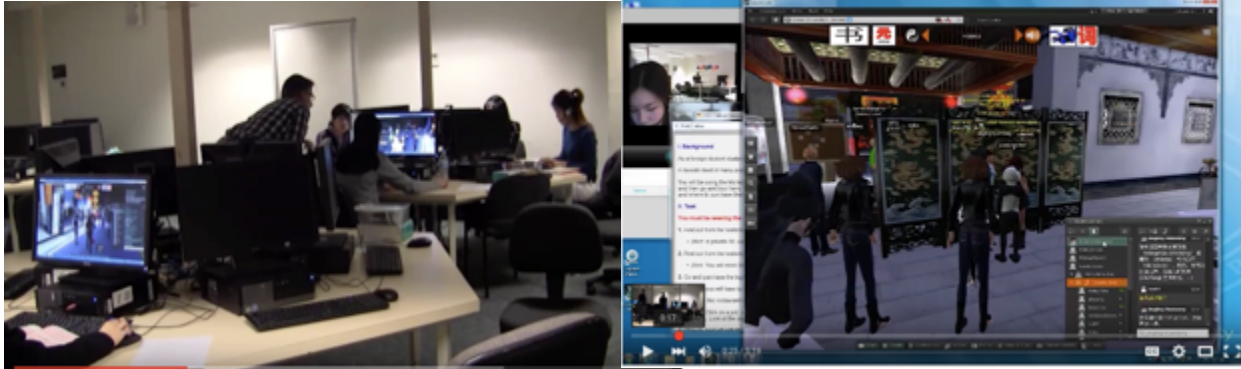
Intelligent Adaptive Learning



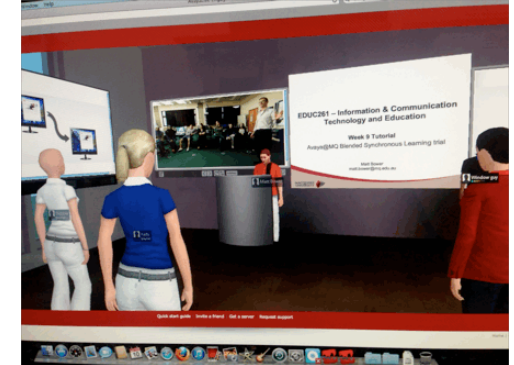
Holographs and Holograms



Virtual Worlds



Monash University, Australia
Chinese Language Learning



Macquarie University
Blended Learning

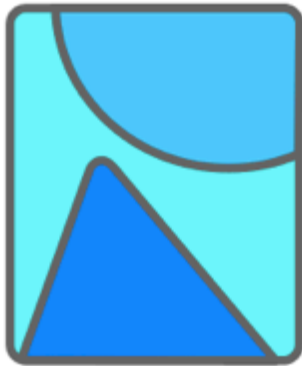


Minecraft with HoloLens

Robotics

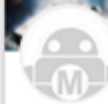


Maker Movement and Science, Techonology and Society Studies: kwnoledges and doings in the brazilian educational system



Research about how Paulo Freire's work helps the 'making' at schools. Our argument is that maker education has the potential to reinforce, or (re)introduce, the progressive education as an emancipatory and democratic approach. Authors such Vieira Pinto, Blikstein, Freire, Papert and others offer important elements to the concept of making education.

Published 2 months ago in [Look What I Made](#)



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