ARE YOU READY FOR IT?

Pedagogy for Transformational Learning
DEVELOPING 21ST CENTURY SKILLS

Prof David Gibson OBE

Amy Gerrard

What we plan to do

Define 21st century Skills

How we created & engaged

Success Stories

Be a pedagogical pirate!!

Applying key lessons

Summary & invitation

What are 21st Century Skills

- Is it enough to just give the facts about 21st Century Skills?
- *Gordon Brown (2000) Innovation Skills for the 21st Century*
- *Paine (2012) uses the 4 C's (Creativity, Collaboration, Critical Thinking and Communication) to describe gaining advantage*
- *Kerber (2010) suggests a 'prescriptive list' is not suitable for our students, and favours 3 'overarching attributes':*
    - *Enquiry and Lifelong Learning*
    - *Aspiration and Personal Development*
    - *Outlook and Engagement*

What are 21st Century Skills – Condense them!

- The core skills that have the most impact
- Graduates of all disciplines need to prepare for the challenges of the 21st century by developing:

'creativity, confidence and lifelong learning skills'

Stewart J, Svaramkumar S and Seenan C (2016)

Becoming a Global Citizen (Barnett, UCL)

- A graduate that can make their own way in the world using their creativity and innovation to solve problems that come their way

- *Creating this through curricular enterprise based on experiential pedagogy and authentic assessment (Brown)*

Strategies for Creativity

- Have you ever been creative? Think of a time when . . . . .
- Think of the problems and how to solve them
- Use ideas that are relatable, impactful and transferrable across any discipline

Strategies for Resilience (confidence)

- Get the students to take risks
- Change your pedagogy and assessment
- Use an entrepreneurial competency model
- Focus on inspirational teaching & assessment
- Use external expertise
- Growth mind-set

Strategies for Lifelong Learning

- Put the Student experience first
- Use live civic projects
- Integrate reflection and self awareness
- You are the catalyst
- Link with extracurricular activities/external ecosystem
- Measure impact & publish!

Results

- LIVE Drama
- Embedded in 85% of curriculum
- SU & Freelancer Impact
- Publications
- Train the trainer

Criteria

- Love your subject & teaching
- Some external experience
- Looking to publish on pedagogy
- Evidence of innovative teaching & assessment
- Take risks yourself and defend your strategy

Criteria (cont)

- Open minded
- Critical incidents
- Humour Johnson(2016)
- Will make students aware of extracurricular activities
- More action less slides

Entrepreneurial Education needs Entrepreneurial Educators

1. Inspiring the students
2. Finding enablers/champions
3. Linking up the entrepreneurial ecosystem
4. Resources - sustainability
5. Measuring the impact

Exercise

- Select Creativity, Resilience or Lifelong Learning
- Prepare to teach the class for three minutes
- Be creative, entertain us and pitch to win an award!

Summary

The Award

How to overcome barriers

Potential Impact
• Student experience
• Entrepreneurial impact
• Extra-curricular results
• Educator career development

Measure and publish!!

Thank You!

- Email me: d.a.Gibson@ljmu.ac.uk
- Email me: a.gerrard1@ljmu.ac.uk
- Connect on Twitter: @amygerr

USASBE
United States Association for Small Business and Entrepreneurship

European Commission
European Enterprise Promotion Awards

Enterprising BRITAIN