10 Trends That Will Transform Higher Education Instructional Design
Bernard Bull

Chief Innovation Officer
AVP of Academics
Associate Professor of Education

@BernardBull
www.etale.org
www.moonshotedu.com
domain jumping
level jumping
convergence
technology maturity
adoption rate and traits
changing metaphors
amplifying technology
funding growth
revenue potential
simplicity
media attention
superior but muzzled
kairos
policy change creates fertile soil
compounding interest
Design Thinking
Serious Game Design
Learning Analytics

- **Descriptive Analytics**
  - Reports and Descriptions
  - What went wrong? What went well?

- **Diagnostic Analytics**
  - Interactive Visualizations
  - Why did it happen? What are my weak areas?

- **Prescriptive Analytics**
  - Alerts, Notifications and Recommendations
  - What is happening now? What is my next best action?

- **Predictive Analytics**
  - Future Trends and Predictions
  - What to expect in the future? How can I plan for the future?

- **Applied Learning Analytics**
  - Precursor for Personalized and Adaptive Learning
  - How can the content adapt to suit the student?

https://commons.wikimedia.org/wiki/File:Types-of-Learning-Analytics.png
Adaptive Learning

learner action

interactive content

learner action recorded

displayed to learner

feedback generated

content adjusted

displayed to teacher

learner reflection

teacher intervention
The Slow Death of Testing
Fitbit Goes to School
(Fitbit is about 10 years old.)
Siri, Cortana, and Alexa Go to School

*(Siri is between 5 and 7 years old.)*
Unbundled Education
Micro Credentials
Virtual & Augmented Reality
“The best way to predict the future is to create it.”

- Abraham Lincoln
Thank You!

@BernardBull