# Education 20/20 Meets Education 4.0: Visions of Our Changing Learning World! Curtis J. Bonk, Professor, Indiana University Cibonk@indiana.edu http://curtbonk.com/

20/20 VISION

## **Talk Overview**

- 1. Jobs are changing
- 2. Education 20/20 and the Role of the Instructor
- 3. First and Last Principles of Instruction
- 4. Megatrends of Learning: Engagement, Access, and Customization (30 ways that learning is changing...)
- 5. Final thoughts



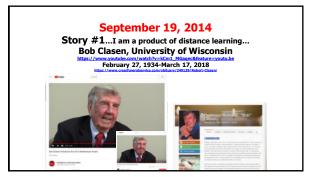


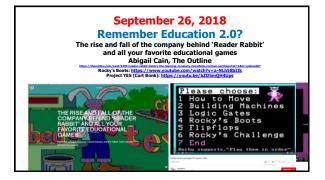


















## Education 3.0...Education 20/20



"In Education 3.0, classrooms would move away from lectures, such as this one, to having class time be spent on discussions and projects, using digital technology." (Per Wikipedia: https://en.wikipedia.org/wiki/Education 3.0







### August 21, 2016

ST Future Economy Roundtable: Is Asia ready for the Fourth Industrial Revolution? The Straits Times



"It's quite clear that the established models of education have to change and adapt to the new environment."













**1. Instructor as Counselor** 











5. Instructor as Curator





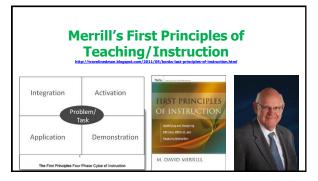
7. Instructor as Camping Trip Guide

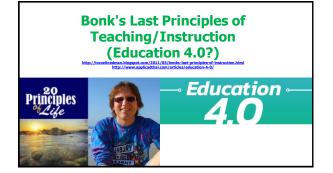


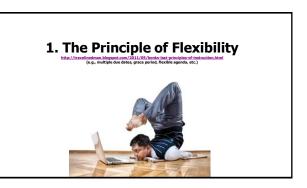




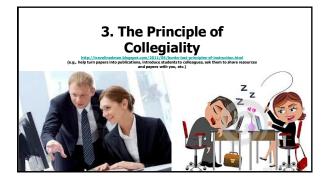




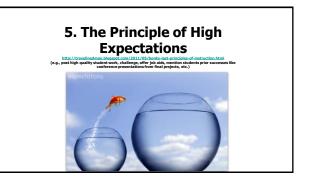


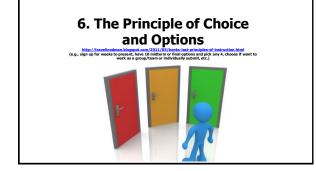


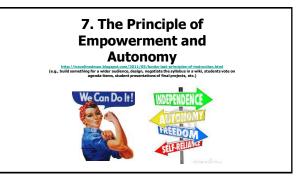


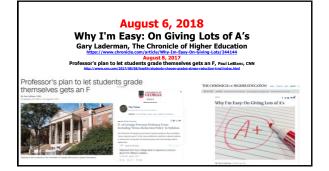


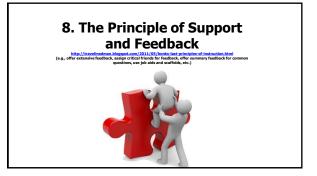




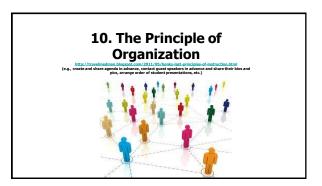


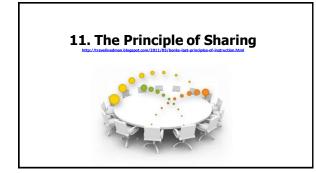








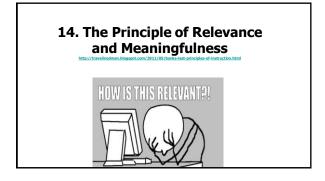




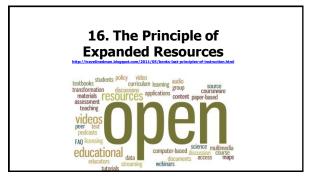










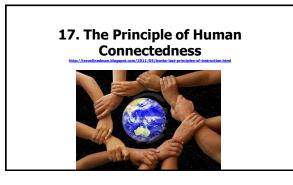










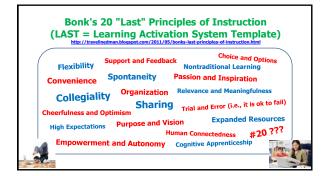




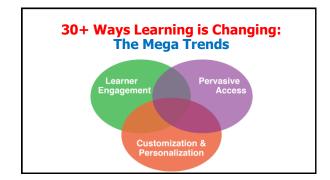












## How Learning is Changing: Mega Trend #1. Learner Engagement



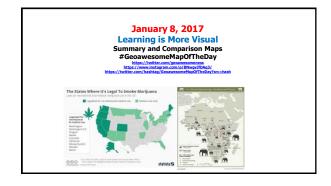








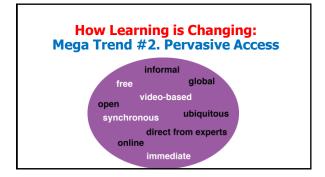


















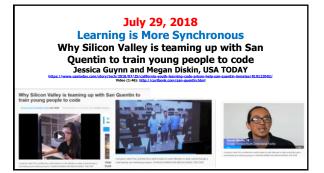


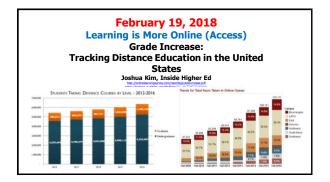
#### November 20, 2018 Learning is More Video-based... The Mantis Cam Gives Us a Peek into a Whole New Ocean World Melanie Hering, New Learning Times

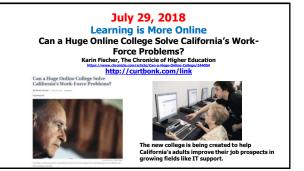
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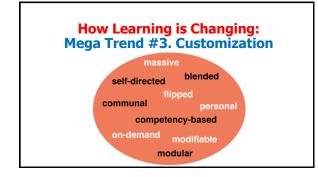












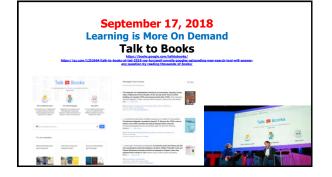






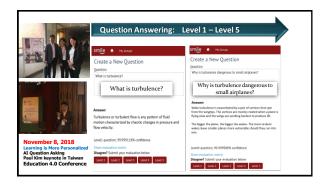


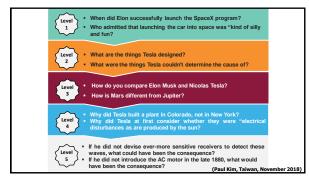




























## The Learning Revolution is coming within reach!





