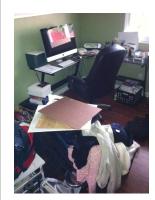
Transforming Education



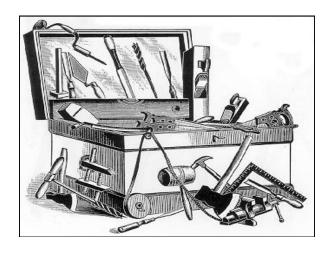
Agenda

- Get to Know Each Other!
- Environmental Scan Revolution!
- What Do Students Say?
- Strategies and Tools
- Discussion

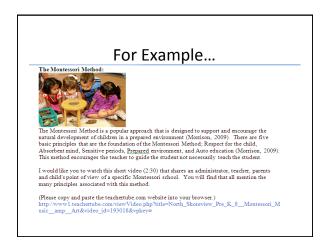


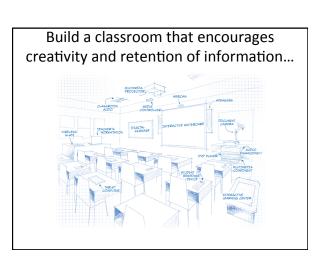






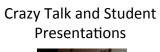




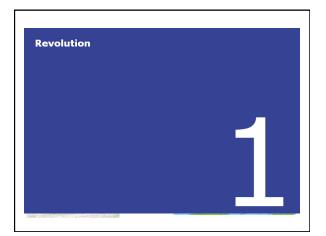




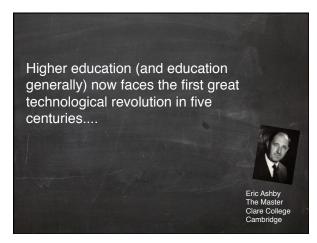


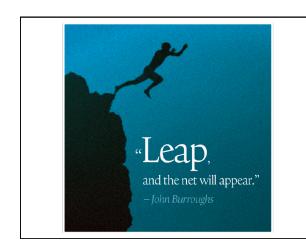


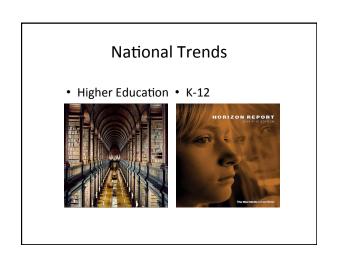


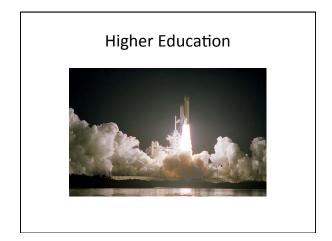


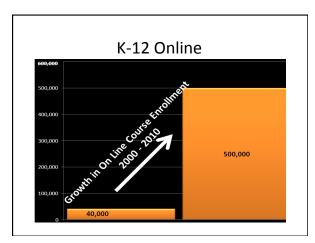


























From Lone Professor...

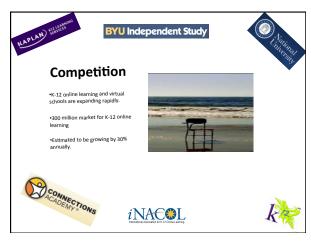


To Lone Professor...















Customers... and the importance of anticipation



"He skates to where the puck is going to be..."

Walter Gretzky

A 4

Disruptive Innovation



"Although computer-based learning is in its infancy, classes that follow this approach possess certain technological and economic advantages over the traditional school model that should allow them to grow and improve rapidly." - Christensen

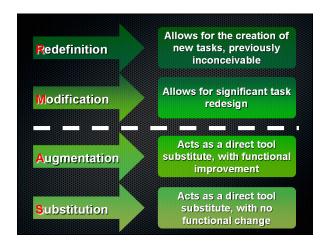


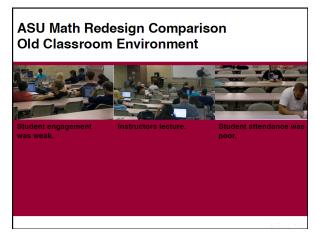


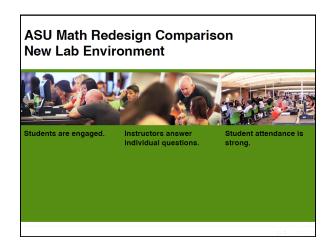




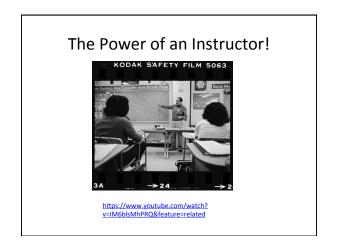
Charles *Darwin quote:* "It is not the strongest of the species that survive, nor the most intelligent, but the one most responsive to *change*"

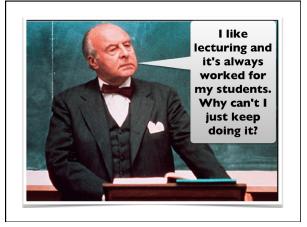




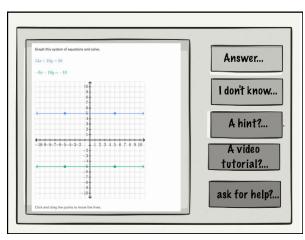


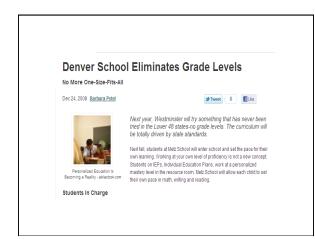


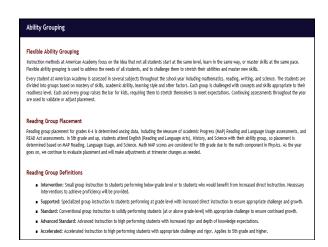


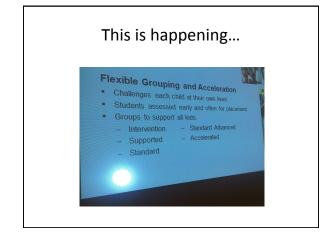


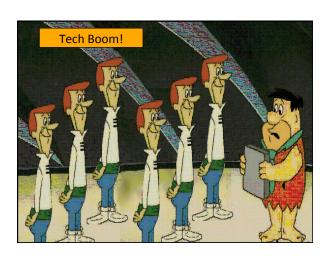


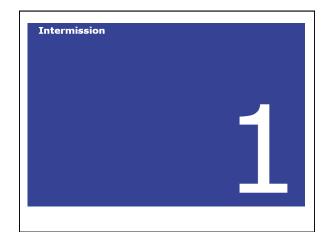


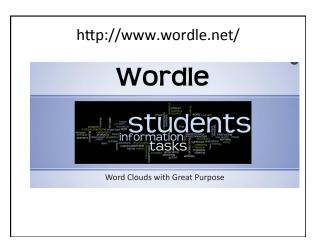






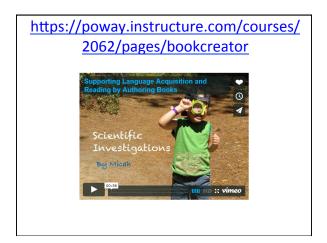
















Improvement in Post Secondary
Education will require converting
teaching from a 'solo sport' to a
community based research activity

What do we mean by efficacy?

A measurable impact on improving someone's life through learning



"The elements of learning can be mapped out, the variables isolated and a measurable impact on learning predicted and delivered. This can be done at every level – a single lesson, a single individual, a classroom, an institution or a whole system." - John Fallon

Mastery Learning Model MyMathLab Large, measureable impact

*Success Case: Learning Gains in College Algebra in 3 months

* *Curriculum Consulting Services

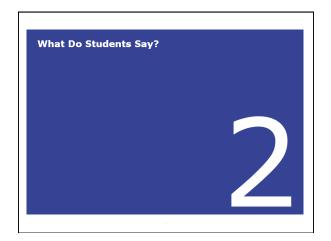
* *Training Services

* *MyMathlab - Mastery Learning Model

Final Exam Scores	Average		Median		
Before Efficacy Engagement	52%		53%		
After Efficacy Engagement	71%		76%		
Gain	19%		23%		
Weekly Learning Gains	Week 1	Week 2	Week 3	Week 4	Week 5
<u>Average</u>					
Pre-Test	50%	59%	66%	67%	71%
Post-Test	69%	74%	78%	82%	84%
Gain	19%	15%	12%	15%	13%

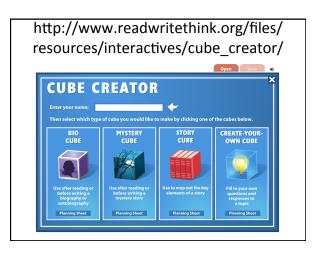
"In the past, time is the constant and achievement is the variable; Achievement should be the constant and time the variable. " ~ Florida Virtual Schools

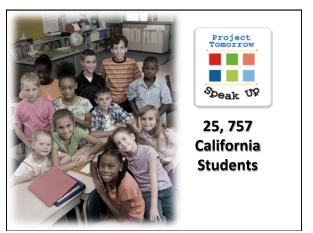














Creating Our Future:
Students Speak Up about their
Vision for 21st Century Learning

Three Essential Elements:

-Social-based learning

-Un-tethered learning

-Digitally-rich learning





Social Based Learning

"Through others we become ourselves."

Lev Vygotsky



Un-tethered Learning



OER

- http://www.goedonline.com/101-websites-for-elementary-teachers
- http://www.ala.org/aasl/standardsguidelines/best-websites/2013#curriculum
- https://www.diigo.com/









