Blended Learning A to Z:

Myths, Models, and Moments of Magic

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What I will discuss...

- 1. Definitions of blended learning
- 2. Myths of blended learning
- 3. Models of blended learning
- 4. Examples of blended learning







Part I. Learning is Changing New Technologies = New Delivery Methods...





Audience Poll #1: Has learning technology has ever transformed your life?





October 21, 2014

Teaching and the University of Tomorrow. Chronicle of Higher Education, Kelly J. Baker



<u>Image:</u> France in 2000 year (XXI century). Future school. From a postcard by Villemard, 1910.

Audience Poll #2:

I. Who remembers what they were doing on 911?

II. Who remembers what they were doing on April 4, 2001?





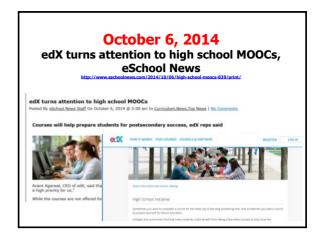


"This is about something bigger than MIT. I hope other universities will see us as educational leaders in this arena, and we very much hope that OpenCourseWare will draw other universities to do the same. We would be delighted if -- over time -- we have a world wide web of knowledge that raises the quality of learning -- and ultimately, the quality of life -- around the globe."



















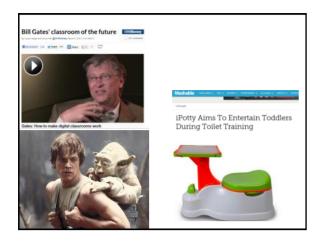








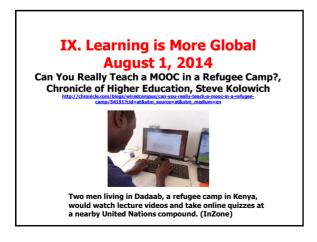








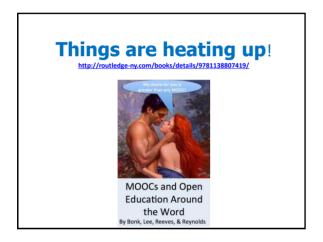


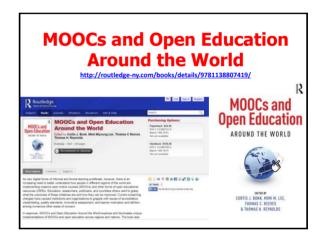










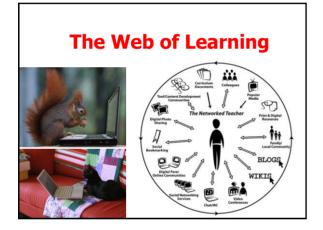




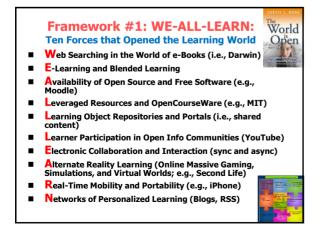








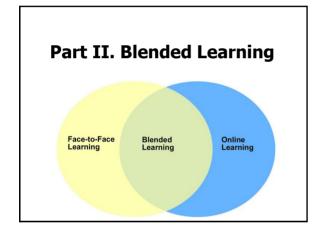












Myth #1: If you read the enough research you will be able to know the impact of blended learning.

- 1. Improved Pedagogy
 - More interactive instead of transmissive
 - Authentic, real world, etc.
- 2. Increased Access/Flexibility
- 3. Increased Cost Effectiveness





Myths #2: Blended learning is easy to define.
Myth #3: Blended learning is hard to define.
Blending Online and F2F Instruction
"Blended learning refers to events that

combine aspects of online and face-toface instruction" (Rooney, 2003, p. 26; Ward & LaBranche, 2003, p. 22)







Classifying K-12 Blended Learning

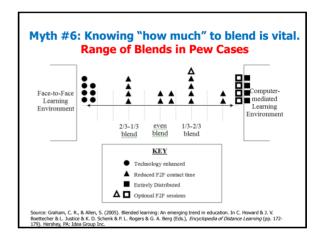
Heather Staker and Michael B. Horn, May 2012

"Blended learning is any time a student learns at least in part at a supervised brick-and-mortar location away from home *and at least in* part through online delivery with some element of student control over time, place, path, and/or pace."



Classifying K-12 Blended Learning Heather Staker and Michael B. Horn, May 2012 http://www.nojectred.org/uploads/The-Rise-of-K-12-Stended-Learning.ndf One critical part of the definition of blended learning is that it involves "some element of student control of time, place, path, and/or pace." Digital Learning Nowl describes each dimension: • Time: Learning is no longer restricted to the school day or the school year. • Place: Learning is no longer restricted to the walls of the classroom. • Path: Learning is no longer restricted to the pedagogy used by the teacher, Interactive and adaptive software allows students to learn [in a method that is customized to their needs]. • Pace: Learning is no longer restricted to the pace of an entire classroom of students.

Myth #4: People will know what I am saying when I say "blended learning." Myth #5: Blended is the same as "hybrid." The Sloan Consortium Preparties of centent delivered online 1 to 29% Traditional Traditional Course with no online technology used content is delivered in writing or orally. Course which uses web-based technology to facilitate what is essentially a face to-face course. Might syllabus and assignments, for example. Solve that is a blend of the online and face-to-face course. Substantial proportion syllabus and assignments, for example. Solve that is a blend of the online and face-to-face course. Substantial proportion syllabus some face-to-face meetings. A course where the vast built of the content is delivered online. Typically has no face-to-face meetings.



Myth #7: Blended learning works everywhere. Where is Blended Beneficial?

- Intro Classes (Spanish, psych, algebra, biology)
- AP and Required Classes
- Classes with students working part-time
- · Students are rural or spread over a distance
- Classes with certification or standardization
- · Classes with new requirements or standards
- Writing intensive classes, theory classes, etc.
- · Lab classes?



Examples of Blended Learning

- Put assessments/reviews online
- · Online discussions
- Online labs
- Put reference materials on Web
- · Deliver pre-work online
- Use online mentoring/coaching
- · Access experts live online

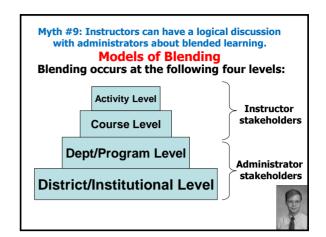


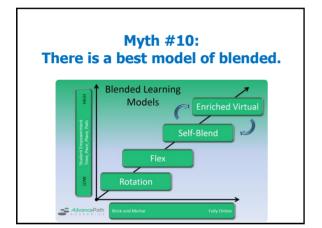
Myth #8: People learn more in face-to-face settings than blended or fully online ones.

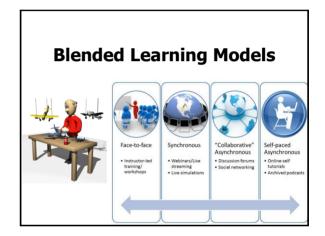
Fully Online and Blended Learning Advantages

- 1. Increased Learning (better papers, higher scores)
- 2. More effective pedagogy and interaction
- Course access at one's convenience and flexible completion (e.g., multiple ways to meet course objectives)
- Reduction in physical class or space needs, commuting, parking, etc.
- 5. Increased opportunities for human interaction, communication, & contact among students
- 6. Introverts participate more









Classifying K-12 Blended Learning
Heather Staker and Michael B. Horn, May 2012
http://www.lmosightimstitute.org/imossight/wg-content/upolads/2012/05/Classifying-k-12-blended-learning2.pdf

Figure 1. Blended-learning taxonomy

BLENDED LEARNING

BLENDED LEARNING

Saff-Blend model

Glob-Rotation model

Lab-Rotation model

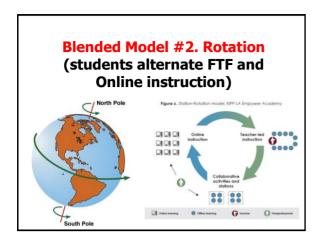
Figure 2. Station-Rotation model

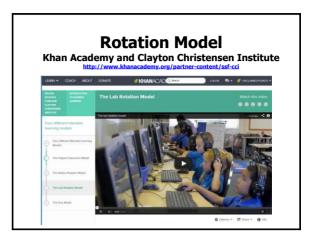
Lab-Rotation model

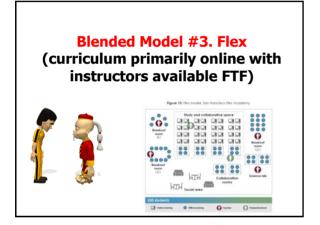
Individual-Rotation model

Individual-Rotation model

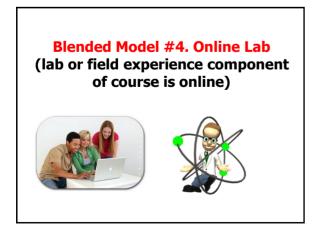
Blended Model #1.
Face-to-Face Primary
(online is for remediation of supplement)

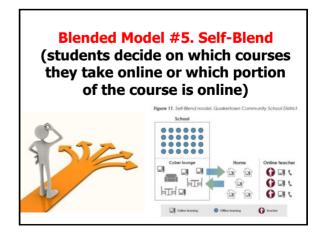


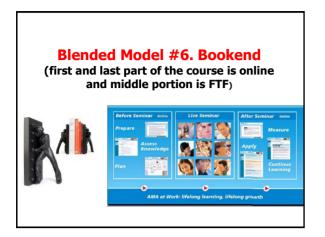


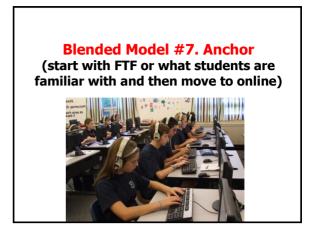


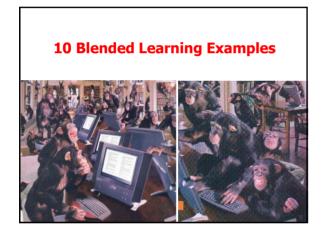








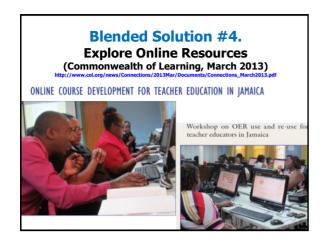












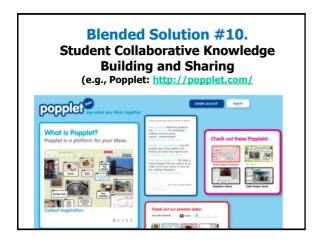


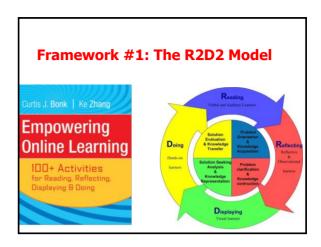










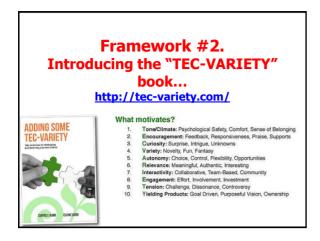




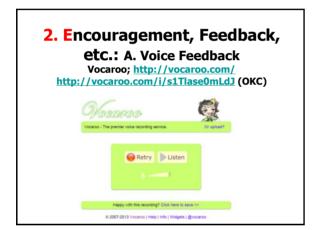






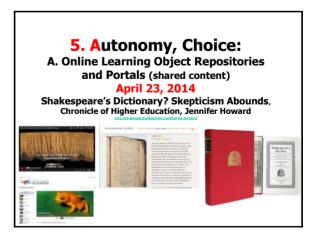










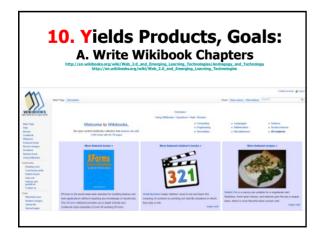














Charles Wedemeyer Quote:

"It should be immaterial whether one has learned at the front door or the back door of the Palace of Learning. What one has learned—not where, or how, in what sequence, at what institution, or in what period of time—is the only criterion of supreme importance." (Charles Wedemeyer, 1981, p. 216)



December 13, 2013

Former MIT president Charles M. Vest dies at 72 As the Institute's leader from 1990 to 2004, he sparked a period of dynamism.

Steve Bradt, MIT News Office





Again, this talk covered...

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- 2. 10 Myths of blended learning
- 3. 7 Models of blended learning
- 4. 10 Examples of blended learning





