Blended Learning A to Z: Myths, Models, and Moments of Magic

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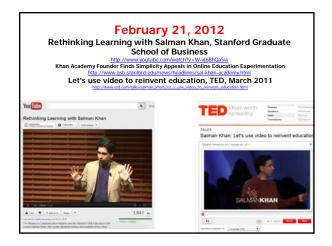


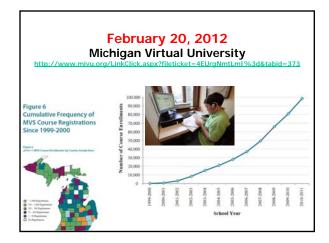
Seven Overarching Goals

- · Build capacity of Ohio schools in BL;
- Increase academic performance of BL students;
- Document fiscal changes of BL model;
- **Expand use of online learning in Ohio**;
- Create a program using six models of BL;
- Generate models for 21st Century Learning;
- Create replicable BL models and best practices across Ohio.



February 9, 2012 A first-hand look inside a flipped classroom, eSchool News, Meris Stansbury











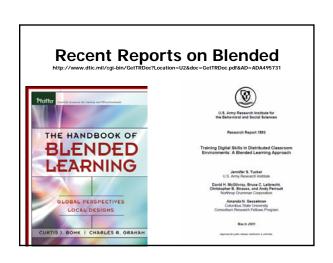




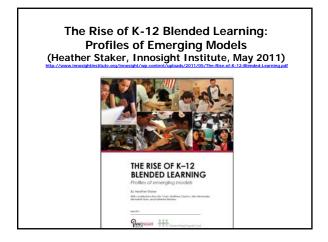
Myth #1: If you read the enough research you will be able to know the impact of blended learning.

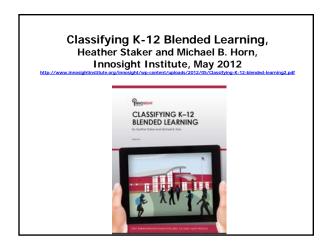
- 1. Improved Pedagogy
 - · More interactive instead of transmissive
 - · Authentic, real world, etc.
- 2. Increased Access/Flexibility
- 3. Increased Cost Effectiveness

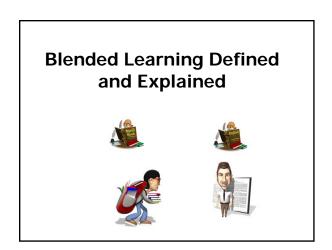










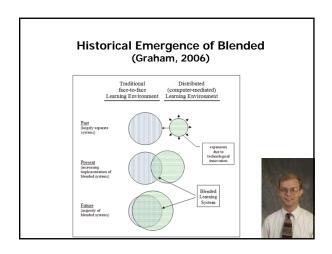


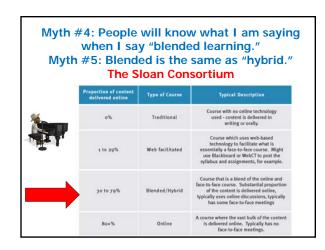
Myths #2: Blended learning is easy to define.
Myth #3: Blended learning is hard to define.
Blending Online and F2F Instruction

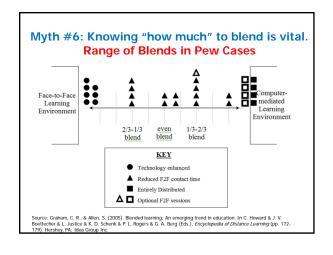
"Blended learning refers to events that combine aspects of online and face-to-face instruction" (Rooney, 2003, p. 26; Ward & LaBranche, 2003, p. 22)



Classifying K-12 Blended Learning, Heather Staker and Michael B. Horn, May 2012 http://www.projectred.org/uploads/The-Rise-of-K-12-Blended-Learning.pdf 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: 1 Time: Learning is no longer restricted to the school day or the school year. 1 Place: Learning is no longer restricted to the walls of the classroom. 1 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]. 2 Pace: Learning is no longer restricted to the pace of an entire classroom of students.









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

- Intro Classes (Spanish, psych, algebra, biology)
- AP Classes
- · Classes with low success rates
- · Classes with students working part-time
- · Required classes
- · 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
- Provide office hours online
- Use mentoring/coaching tool
- Access experts live online



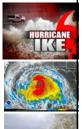
Who Needs Blended Learning? Athletes and Performers

Going the Distance, Elizabeth Millard, University Business, March 2011



Those in hurricanes!









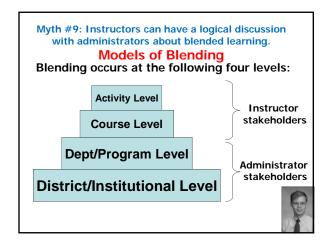


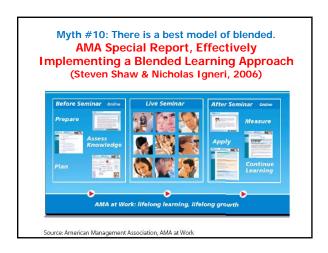
Myth #8: People learn more in face-to-face settings than blended or fully online ones.

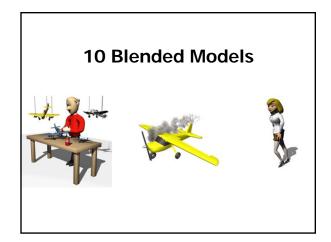
Fully Online and Blended Learning Advantages

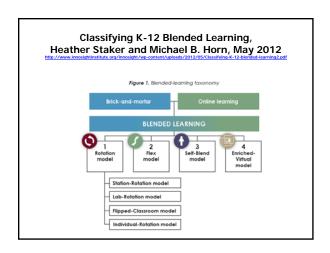
- 1. Increased Learning (better papers, higher scores)
- 2. More effective pedagogy and interaction
- Course access at one's convenience and flexible completion (e.g., multiple ways to meet course objectives)
- 4. Reduction in physical class or space needs, commuting, parking, etc.
- 5. Increased opportunities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



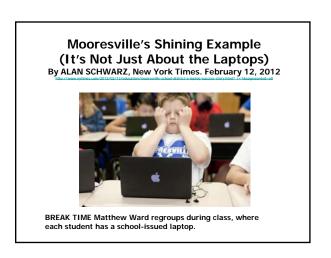


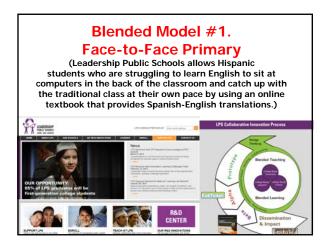


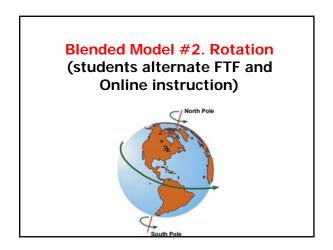


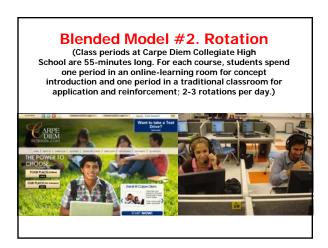


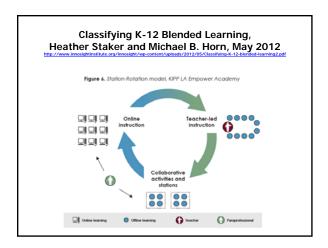
Blended Model #1.
Face-to-Face Primary
(online is for remediation of supplement)











Classifying K-12 Blended Learning,
Heather Staker and Michael B. Horn, May 2012

http://www.innosightnstitute.org/nnosight/wp-content/uploads/2012/09/Classifying K-12-blended-learning2.pdf

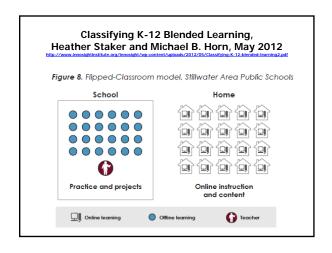
Figure 7. Lot-Rotation model. Rocsiethith Education

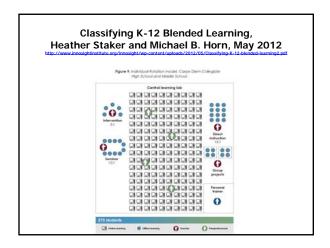
Direct instruction
Insulin isolance

Direct instruction
Beroscy/secial shudes

Direct instruction
Beroscy/secial shudes

Learning lab
reading/math

















United Nations Opens World Digital Library, Turning the Pages from the British Library, etc. (history, culture, literature, writing, art, etc.)



















Virtual field trips

(e.g., teach the history of immigration in America, eSchool News, March 21, 2012)





Blended Model #3. Flex

(curriculum primarily online with instructors available FTF)



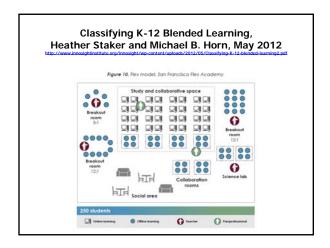


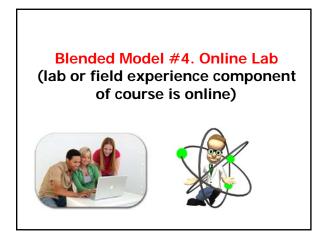
Blended Model #3. Flex

(Each of AdvancePath Academics' dropout-recovery academies features a computer lab, where students spend most of their time learning online. But face-to-face, certified teachers also call the students into an offline reading and writing zone or small-group instruction area for flexible, as-needed help.)

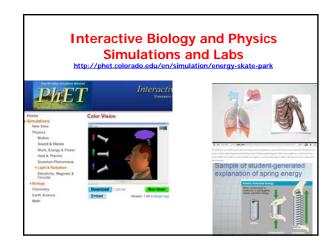




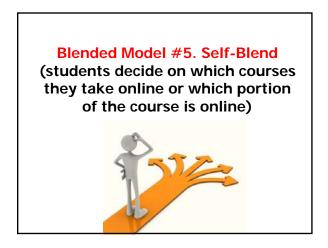


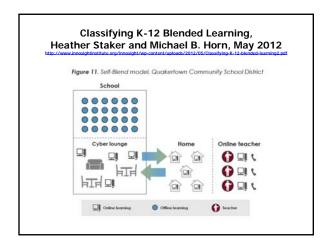


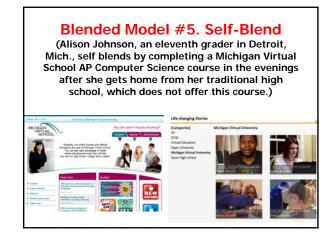




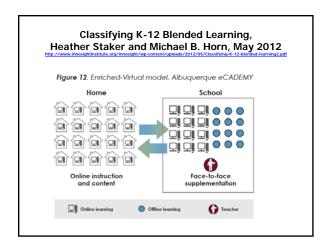


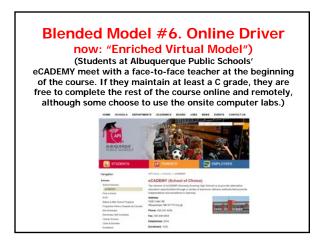


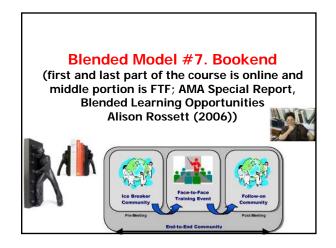


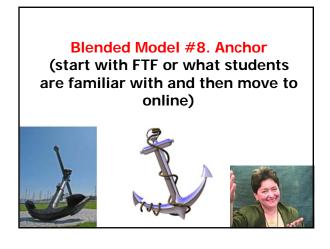


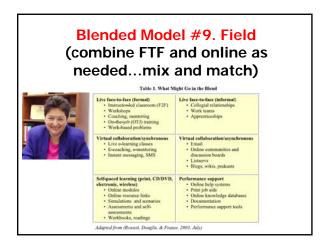


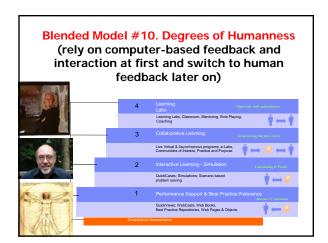










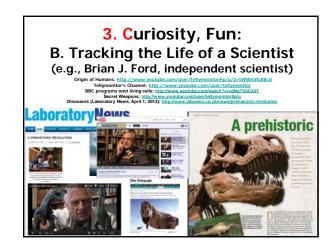




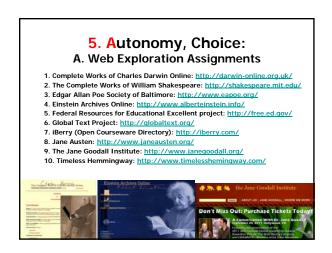










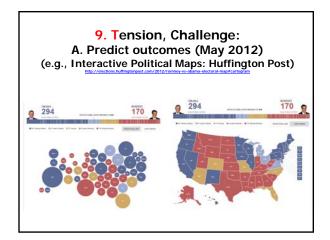


















Framework #2: The R2D2 Method

- 1. Read (Auditory and Verbal Learners)
- 2. Reflect (Reflective Learners)
- 3. Display (Visual Learners)
- 4. Do (Tactile, Kinesthetic, Exploratory Learners)







1. Auditory or Verbal Learners

 Auditory and verbal learners prefer words, spoken or written explanations.







Read 1a. Listen to Open Access Podcast Shows (and write papers)



2. Reflective and Observational Learners

 Reflective and observational learners prefer to reflect, observe, view, and watch learning; they make careful judgments and view things from different perspectives









Reflect 2a. Cultural Blogs (e.g., Dr. Kim Foreman, San Fran State University, Come and See Africa Blog; http://comeandseeafrica.blogspot.com/)



3. Visual Learners

 Visual learners prefer diagrams, flowcharts, timelines, pictures, films, and demonstrations.







