Blended Learning

Clark County School District
Innovative Teaching and Learning Unit
Innovative Learning Environments
August 2015
Presentation Overview

- Define Blended Learning
- Outline Foundational Components Needed to Implement
- Review Blended Learning in CCSD
- Preview Potential Next Steps in CCSD
Defining Blended Learning

A formal education program in which a student learns:

1. At least in part through online learning with some element of student control over time, place, path, and/or pace.
2. At least in part at a supervised brick and mortar location away from home.
3. And the modalities along each student’s learning path within a course or subject are connected to provide an integrated learning experience.

*Clayton Christensen Institute, 2015*
Is it Blended Learning?

- Zoe attends a full-time virtual school
- Robert plays Minecraft after school with his friends
- Anna takes an online course with the help of an on-campus face-to-face guide
- Angel rotates in class between online and small-group instruction
- Andrew does some of his math online in the tech lab, some in class
- Marcos uses Microsoft Word and Excel in his traditional, face-to-face class

Adapted from the Clayton Christensen Institute
Blended Learning Models

- Recently re-classified by Clayton Christensen Institute into “Hybrids” and more transformational models
Why Blended Learning?

- Flexibility for students to control their own learning
- Enhanced learning\textsuperscript{3,4}
- Increased engagement
- Improved use of existing school space
- Enhanced Return on Investment\textsuperscript{5,6}
- College & Career Readiness
100,000 Students in Online & Blended Learning

- Charge in 2011 for more blended learning
- Set goal in 2012 of 100,000 students by 2015-2016 school year
- Expand opportunities for blended learning
- Innovative Teaching & Learning Unit
  - Innovative Learning Environments (2012)
Building a Strong Foundation

What’s the problem to be solved?

Model Selection & Design

Implementation
Timeline & Evaluation Process

Content Strategy
Teacher Selection & Training
Technology Needs
Operations Procedures
Identify the Problem to be Solved

Give students control over pacing of learning and complete cooperative project-based assessments.

Leverage online learning to provide small-group instruction and intervention.

Increase graduation rate of highly transient, credit deficient Juniors and Seniors.

Ensure all students have access to the best teachers.
Content

Build
Buy
Lease
Or mix
Purchased Content

Spring 2014 RFP

- Original credit
- Credit retrieval

39 High Schools used Apex Learning in the 2014-2015 school year

12 Middle Schools used Edgenuity in the 2014-2015 school year

Increased Return on Investment
## District-Built Content

<table>
<thead>
<tr>
<th>Planned Development 2016-17</th>
<th>In Development 2015-16</th>
<th>Ready for Pilot</th>
<th>Piloted &amp; Deployed</th>
<th>Existing courses needing revision</th>
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<tbody>
<tr>
<td>Science 7</td>
<td>Algebra I*</td>
<td>English 6</td>
<td>Math 6</td>
<td>Algebra I</td>
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<td>Science 8</td>
<td>Algebra II</td>
<td>English 6 ACC</td>
<td>Math 6 ACC</td>
<td>Geometry H</td>
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<td>English 9*</td>
<td>English 7</td>
<td>Math 7</td>
<td>Health</td>
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<td>English 10*</td>
<td>English 8</td>
<td>Pre-Algebra</td>
<td>World History</td>
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<tr>
<td>PE 8*</td>
<td>English 10 H</td>
<td>English 8 ACC</td>
<td>Health 8</td>
<td>World History H</td>
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<tr>
<td>U.S. Government 12</td>
<td>Science 6</td>
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<td>US/NV History 7</td>
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<tr>
<td>U.S. Government 12 H</td>
<td>Biology</td>
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<td>US/NV History 7 ACC</td>
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<tr>
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<td>World Geo 8</td>
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<td>Computer Literacy</td>
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<tr>
<td>English 11 H</td>
<td>U.S. History 11</td>
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<td>(1 semester)</td>
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<td>English 12*</td>
<td>U.S. History 11 H</td>
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<tr>
<td>English 12 H</td>
<td>Geometry*</td>
<td></td>
<td></td>
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<tr>
<td>College Prep. Math. 12</td>
<td></td>
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</tr>
</tbody>
</table>

*Indicates existing course requiring complete revision
Teacher-Built Content

- Canvas Color Book
- Canvas Basics
- Canvas “Guide on the Side”
- Canvas Webinars
- Canvas Professional Development Education
People: Teacher Selection & Training

- Blended PDE courses
- InACOL Teaching Standards for Quality Online Teaching
- InACOL Blended Learning Teacher Competencies
- Tier I (required)
  - Foundational courses
  - Philosophy
- Tier II (choice)
  - Emphasis courses
  - Tools & design courses
iNACOL Blended Teacher Competencies

It starts with a New Mindset
People: Administrator Training

Series of Mini-Courses:
1. Blended Learning in the Digital Age
2. Strategic Planning for Blended Learning Environments
3. Evaluating Blended Learning Programs for Success (in development)

Administrator workshops
• Spring & summer
Technology

• **Interoperability**
  • Integration between Canvas Learning Management System (LMS) and Infinite Campus Student Information System (SIS)
    • Course rostering
    • Gradebook passback
    • Online registration

• **Tech Tools**
  • Google Apps for Education
Technology

- Student access to devices
- Network connectivity
  - LAN
  - Wi-Fi
- Accessories
- Furniture
- Power, charging, & storage of devices
Operations

• Assist schools in planning
  • Counseling
  • Enrollment and operations
  • Technical support
  • Academic support
  • Learning centers

• Budget
• Communication to families and community
• Strategic planning process
• Student recruitment
Examples of Blended Learning in CCSD High Schools

• Apex for Credit Retrieval
• Apex for Original Credit
• Las Vegas HS Aspire Academy
• Mojave HS Academy
• Online/Blended Canvas Courses
  • Health: Durango, Valley, Virgin Valley, Coronado
Examples of Blended Learning in CCSD Middle Schools

• Burkholder MS & Johnson JHS
• Brinley MS Flex Academy
• Edgenuity for Original Credit
  • Silvestri JHS, Sawyer, Canarelli, Garside, Harney, KO Knudsen, Mack, Lied*
• District-developed Canvas
  • Computers: Hyde Park, Molasky, Brinley, Sawyer*, Sandy Valley*
  • Health 8: Garside, Sawyer*

*New for 2015-16
Examples of Blended Learning in CCSD Elementary Schools

• Ries ES
• Griffith ES
• Wallin ES
Nevada Learning Academy at CCSD

- Full-Time Enrollment
  - HS: 728
  - MS: 25
- Part-Time Enrollment
  - HS: 4,799
  - MS: 388
- Credit-By-Exam
  - 782 enrollments
- Summer 2015
  - 12,327 enrollments (largest summer-school site)
CCSD By the Numbers

- 46,957 students taking an online/blended course
- 114,131 course enrollments in online/blended courses
- 25,028 course enrollments in the Nevada Learning Academy at CCSD (NVLA)
- 31% year-to-year growth in participating CCSD students
- 12% year-to-year growth in NVLA Summer School enrollments
Next Steps in CCSD

- Pilot schools as proof of concept
- Full rollout of Canvas Learning Management System
  - expansion of District-developed courses
- Expanded use of Apex Learning
  - beyond credit recovery
- Google Apps for Education
Thank you!
References


References Continued


Clark County School District
Online & Blended Learning Enrollments in 2014-15:

- 46,957 students taking an online/blended course
- 114,131 course enrollments in online/blended courses
- 25,028 course enrollments in the Nevada Learning Academy at CCSD (NVLA)

Number of students:

- District-Developed (3%)
- NVLA (13%)
- NVLA Summer (15%)
- ApexLearning (27%)
- CompassLearning (21%)
- Edgenuity (20%)

~47K District-Developed and NVLA semester courses utilize Canvas LMS

Growth of Online/Blended Learning in CCSD:

- 31% Year-to-year growth in participating CCSD students
- 12% Year-to-year growth in NVLA Summer School enrollments
- 100,000 Goal for number of students in online/blended learning by 2015-16

Jhone Ebert
August 5, 2015
Reference 3.02