BLENDED LEARNING IN YOUR SCHOOL: 5 DECISIONS

Education Week Webinar
April 25, 2013
The shift to personal digital learning is a profound inflection in human history experienced in a new kind of school that blends online & onsite

And you can Lead the shift
The **Shift** to Blended Learning

Textbooks
Sequential
Passive
Age cohorts
Annual tests
Teachers

Digital content
Adaptive
Active
Individual progress
Instant feedback
Teams
BLENDED LEARNING IS...

A formal education program in which a student learns at least in part through online delivery of content and instruction with some element of student control over time, place, path, and/or pace.

A shift to online delivery for a portion of the day to make students, teachers and schools more productive. Learning in multiple modalities yields more and better data that creates an integrated and customizable learning experience.
10 DRIVERS OF BLENDED LEARNING

1. Improve ability to personalize learning
2. Potential for individual progress
3. Improve student engagement and motivation
4. Shift to online state tests starting in 2015
5. Need to extend time and stretch resources
6. Potential to extend the reach of effective teachers
7. Ability to improve working conditions
8. Decrease device costs
9. Student and parent adoption of learning apps
10. Interest in narrowing the digital divide
10 Benefits of Blended Learning for Teachers

- Eager students
- Better information
- Extended time with students
- Team-teaching
- Individualized professional development plans
- More earning power
- Motivate hard to reach kids
- More leadership roles
- New options to teach at home
- Focus on deeper learning
5 Decisions
1. Strategy
2. School Models
3. Platform & Content
4. Devices
5. Staffing & Development
Strategy

Key questions:

- **School**: Join, adapt or invent a model?
  - Rocky Mount NC: Rocketship + Carpe Diem
  - NGLC profiles (www.NextGenLearning.org)

- **District**: Enterprise or portfolio?
  - Enterprise: Moorseville NC: one strategy, school model, curriculum, device, & community
  - Portfolio: NYC iZone: different models, platforms & devices
Strategy

Key questions:

• Enterprise or portfolio?
• How to leverage teacher leadership?
Strategy

Key questions:

- Enterprise or portfolio?
- How to leverage teacher leadership?
- Phase or plunge?
Strategy

Find the right balance

Innovation  Execution
Strategy

Start with learning goals

• What learning Experiences?
• What student roles?
• How will students show what they know?

How Digital Learning Contributes to Deeper Learning
www.GettingSmart.com/Resources
Strategy

• Start with learning goals
• Key questions
• Discussion starters:
  – www.InnosightInstitute.org
  – www.DigitalLearningNow.com/DLN-Smart-Series
School Models

**Rotation**
- Station rotation
- Lab rotation
- Individual rotation

**Flex**
Online platform with F2F support and fluid schedules

**Self-Blend**
Students attend physical school while taking 1 or more courses online

Innosight Institute: The Rise of Blended Learning
Classroom Rotation Model

15 Adapted from KIPP Empower
Lab Rotation Model

<table>
<thead>
<tr>
<th>Block 1</th>
<th>Student Group A</th>
<th>Student Group B</th>
<th>Student Group C</th>
</tr>
</thead>
<tbody>
<tr>
<td>Block 2</td>
<td>Computer Lab &amp; Project Work</td>
<td>Humanities Block</td>
<td>STEM Block</td>
</tr>
<tr>
<td>Block 3</td>
<td>STEM Block</td>
<td>Computer Lab &amp; Project Work</td>
<td>Humanities Block</td>
</tr>
<tr>
<td></td>
<td>Humanities Block</td>
<td>STEM Block</td>
<td>Computer Lab &amp; Project Work</td>
</tr>
</tbody>
</table>
Platform & Content

• Adaptive instruction
  – The place to start
    • Dreambox,
    • i-Ready

• Key questions:
  – Single sign-on?
  – Unitary reporting?
  – Standards-based gradebook?
TABLET

VS.

LAPTOP

+ CHEAPER, INSTANT ON
+ TOUCH-ENABLED, ENGAGING CONTENT
+ NOT ALL WEB APPS WILL RUN, WEAK APP MANAGEMENT
+ NOT AS POWERFUL FOR PRODUCTION, TYPING ON SCREEN
+ SMALL SCREEN, HARD TO WRITE TO TEXT

- BETTER PRODUCTION CAPABILITIES
- LARGER SCREEN, FULL KEYBOARD
- SHORTER BATTERY LIFE, LONGER BOOT-UP
- MORE EXPENSIVE
Staffing & Development

Staffing

- Consider OpportunityCulture.org models
- Differentiated roles: TA to master teacher
- Distributed roles: part time, at a distance
  - specialists & hard to staff areas

Development

- Combine school wide & individual JIT
- Individual development plans
Improved Conditions

Blended Learning can tear down the walls of the traditional classroom, improving conditions such as:

- Reduced isolation
- More opportunities for collaboration
- Meaningful professional development
- Better student data
- Improved time efficiency
- Role-differentiation
Improved Career Opportunities

NEW OPTIONS

- reach more students in-person
- reach more students anywhere
- lead other teachers
- specialize in strengths
- share lessons with millions
- design digital content
- develop peers online

Sustainable Higher Pay
# Building Your Blended Plan

## Create conditions for success
- Building Support
- Funding the Shift

## Plan
- 5 Decision Points
  - Strategy:
  - School Models
  - Platform & Content
  - Device
  - Staffing & Development

## Implement
- Infrastructure
- Integration
- Professional Development
- Support

## Improve
- Measurement
- Continuous Improvement
Implementation: Success Factors

- Hold a kick off meeting
  - Clarify goals, responsibilities, timeline, budget
- Create clear management responsibilities
  - Use a team, consider outside help
- Set up a program management office
  - Link academics, tech, finance, & communications
- Stay flexible
DLN Smart Series

Interactive papers that provide specific guidance for #EdLeaders on #CommonCore & #DigitalLearning

Current Papers

- Funding the Shift to Digital Learning
- Data Backpacks: Portable Records & Profiles
- Getting Ready for Online Assessments
- From Cohorts to Competency
- Blended Learning Implementation Guide
- Funding Students, Options, & Achievement

Upcoming Getting Smart Papers

- Blended Elementary: Leading with Adaptive Instruction (May)
- Improving Conditions & Careers (May)
- Online Learning: Myths, Realities & Promises (June)

DigitalLearningNow.com/dln-smart-series/
THANK YOU!

Continue the conversation:
GettingSmart.com
@Getting_Smart
@Tvanderark
Q & A
DreamBox Combines Three Essential Elements to Accelerate Student Learning

**Rigorous Elementary Mathematics**
- Common Core State Standards
- Standards for Mathematical Practice

**Motivating Learning Environment**
- Student directed, empowering
- Gaming fundamentals, rewards

**Intelligent Adaptive Learning™ Engine**
- Millions of individualized learning paths
- Tailored to a student’s unique needs
DreamBox Lessons & Virtual Manipulatives

Intelligently adapt & individualize to:
- Students’ own intuitive strategies
- Kinds of mistakes
- Efficiency of strategy
- Scaffolding needed
- Response time
DreamBox Learning: What We Do
Reinvent the Learning Experience

- Truly Formative Learning: Eliminate the wall between Instruction and Assessment
- Conceptual Understanding & Procedural Fluency
- Common Core Aligned: Consistent Progressions & Coherent Connections
- Dynamic, continuous & real-time data feed the adaptive engine – averaging 50,000 data points per hour per student
## Classroom Summary Report

**School:** Ultra Demo  
**Class:**  
**Teachers:**  
**Date:**  

<table>
<thead>
<tr>
<th>Student</th>
<th>Grade</th>
<th>Kindergarten Curriculum</th>
<th>Curriculum</th>
<th>Curriculum</th>
<th>Curriculum</th>
<th>Task (HH:MM)</th>
<th>Notifications</th>
<th>Student Reports</th>
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### Concept: Multiplication: Double & Halve

Students use known basic facts and double one factor and halve the other to determine the product of a more challenging problem.

<table>
<thead>
<tr>
<th># Completed with Proficiency</th>
<th># In Progress</th>
<th># Not Started</th>
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</thead>
<tbody>
<tr>
<td>7 students</td>
<td>10 students</td>
<td>9 students</td>
</tr>
<tr>
<td>John P (about 1 month ago)</td>
<td>Avaneesh S (71%)</td>
<td>Anthony P</td>
</tr>
<tr>
<td>Jacob C (about 1 month ago)</td>
<td>Charles K (71%)</td>
<td>Brittany B</td>
</tr>
<tr>
<td>Rebекah D (about 1 month ago)</td>
<td>Emmanuel M (71%)</td>
<td>Christina P</td>
</tr>
<tr>
<td>Julian B (about 1 month ago)</td>
<td>Luke R (71%)</td>
<td>Emily C</td>
</tr>
<tr>
<td>Edgar H (about 1 month ago)</td>
<td>Alanna M (64%)</td>
<td>Karly H</td>
</tr>
<tr>
<td>Pedro S (2 months ago)</td>
<td>Domenic G (64%)</td>
<td>Leah P</td>
</tr>
<tr>
<td>Daniel C (3 months ago)</td>
<td>Daniel S (57%)</td>
<td>Michael D</td>
</tr>
<tr>
<td></td>
<td>Dominique S (28%)</td>
<td>Samantha S</td>
</tr>
<tr>
<td></td>
<td>Suna C (28%)</td>
<td>Vanessa C</td>
</tr>
<tr>
<td></td>
<td>Caitlin S (21%)</td>
<td></td>
</tr>
</tbody>
</table>
For more information visit www.dreambox.com