





Pennsylvania Hybrid Learning Initiative (PA HLI)

Personalized Learning in a Blended Environment

Spring City Elementary School

SPRING-FORD AREA SCHOOL DISTRICT

School Board Presentation – June 18, 2012

Dr. Keith Floyd, Mr. Steve Reynolds, & Mr. Mitch Edmunds

Presentation Agenda



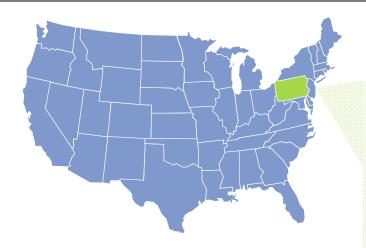
- 1. What is Hybrid Learning?
- 2. The Spring City Plan!
- 3. Timeline
- 4. Questions & Answers



What is Hybrid Learning?

What is Hybrid Learning?





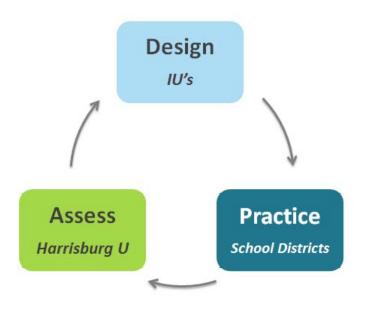
Hybrid Learning is
the integration of
traditional teaching
with digital
instruction to help
deliver the core
curriculum at school

- Hybrid Learning is designed to increase personalized learning opportunities for students without increasing costs
- In practice in other states, hybrid learning is coming to Pennsylvania via the PA Hybrid Learning Initiative
- Montgomery County Intermediate
 Unit 23 is a key project leader

What is PA HLI?



 PA HLI is a joint partnership of higher education, K-12 schools and educational organizations dedicated to promoting hybrid learning



- Harrisburg University oversees assessment of program outcomes, professional development and research
- Intermediate units provide training, operations support and instructional design
- Schools put the hybrid learning models in practice with support from the other partners and collaboration among themselves

Characteristics of Hybrid Learning



- At its core, hybrid learning is a new approach to providing differentiated instruction
 - Also called blended learning
 - Not "cyber school" or online courses in a study hall

It uses new <u>techniques</u>, <u>tools</u> and <u>training</u> to help teachers be more productive in the classroom



New Techniques



Classroom **Teacher**

Traditional

-Learning almost all face-to-face -Relatively large class sizes typical Near 100% hardcopy textbooks -Online courses not generally accessible **Pre-Online Learning**

Adaptive Online

Classroom Teacher

Traditional +

Learning still almost all face-to-face -Large class sizes -Some on-site computer labs Some off-site online courses available -"Cyber" offerings Most PA schools

Adaptive Online

Hybrid Learning

Classroom Teacher

Rotate to Lab

-Balanced mix of face-to-face and digital learning -Students rotate between learning labs and classrooms -Smaller class sizes **IDEA Schools, TX** Rocketship, CA

Adaptive Online

Classroom **Teacher**

Rotate-in-Classroom

-Face-to-face and online learning further integrated -Same lesson given multiple ways to -Small group learning **KIPP Los Angeles** Alliance Public, CA

Classroom **Teacher**

Onsite-Online

-Significant portion of instruction occurs with digital content -Teachers lead small group instruction tutoring and labs -Flexible scheduling and course content Carpe Diem, AZ

Adaptive Online

Virtual School

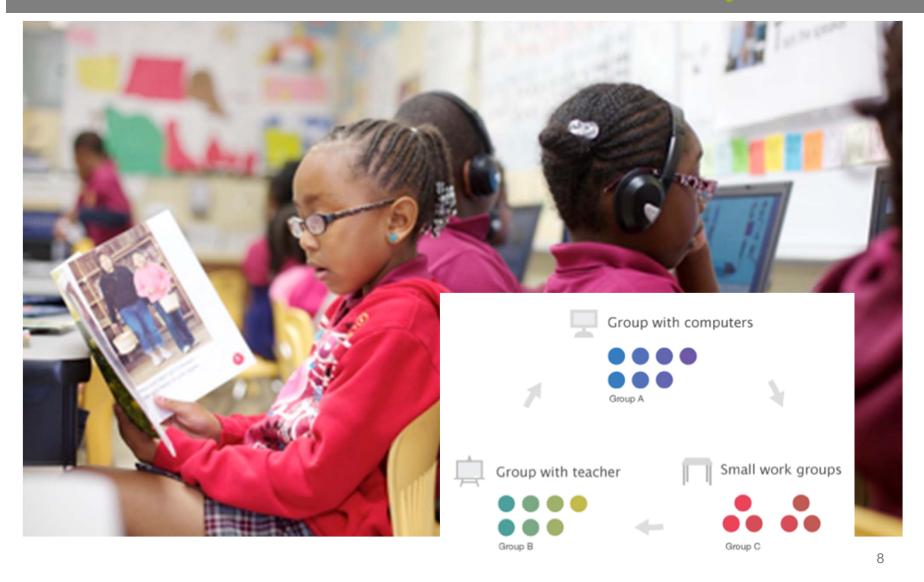
Almost all instruction offsite and online -Home school students and cyber charter schools -Student may never meet teacher **PA Cyber Charter** Connections Academy





Rotate-in-Classroom





Classroom Tools



- 1. Digital Content
 - Instructional software/ adaptive applications
- Hybrid Learning Management System (HLMS)
 - Ties it all together
- 3. Operations Support
 - Planning, Deployment and
 Change Management Services
- 4. Computers/Devices



Training



Complexity of Implementation Challenges

Change Management Challenges

- Fear of failure in new model
- Fear of the unknown
- Vested interest in using the same methods

Complex Skill Challenges

- Ability to take advantage of real-time data
- Ability to differentiate instruction
- Integration of online and classroom content
- Ability to engage students & manage classroom

Basic Skill Challenges

- Facility using the HLMS technology
- Comfort using online content
- Ability to create and use different assessments
- Comfort in new classroom setting

Harrisburg
 University and
 leading IUs are
 developing a
 complete
 professional
 development
 curriculum for
 Pennsylvania
 hybrid schools

Key Features of Hybrid Schools



- 1. Technology enables <u>customized learning</u>
- 2. Assessments occur daily with regular reports. <u>Data informs the instruction</u>
- 3. Students receive the <u>same material</u> <u>different ways</u> to accommodate distinct learning styles
- 4. Teachers instruct in small groups
- 5. Education occurs primarily <u>at-school</u>
 - May be applied to entire schools or subsets (e.g. classes, grades, sections)



Key Benefits: Personalized Learning



Increased student performance

Better academic choices

Self-paced learning

21st century skills development

More learning engagement



 Measures of performance will be benchmarked and tracked through the pilot's duration.



The Spring City Plan!



Our Vision...



- To explore an educational structure (specific to elementary level) that moves beyond the four walls of the current elementary classroom to that of a truly global 21st century learning environment.
- To allow teachers and students to explore new methods of instructional pedagogy and learning while simultaneously building a foundation that leads directly to college and career readiness in the 21st century.
- To provide high quality professional development for not only the staff, but for the students as well.
- To incorporate ongoing assessments of progress to ensure that students are progressing at an appropriate level.
- To reshape the way that we view pedagogy and education (as a whole) at the elementary level, for tomorrow and beyond.

Expected Outcomes of Hybrid Learning:



- 1. Increased Academic Achievement
- 2. Personalized and Differentiated Instruction
- 3. Support a wide range of learners
 - o Goal is to have a measureable but modest improvement in benchmark assessments in year one based on the implementation and learning curve of the initiative
 - o Desire to obtain a 10% improvement in benchmark assessment scores compounded annually for a three year period

Focus Area for Hybrid Learning Implementation

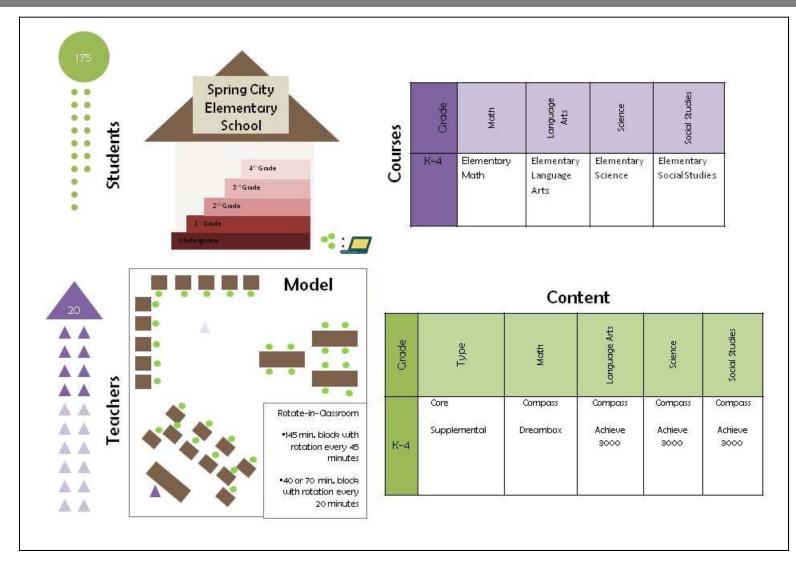


- Language Arts
- Math
- Social Studies
- Science



Spring City Model







Timeline

Timeline: Details



- Meeting with Spring-City Staff to Discuss Plans & Rollout
 - a. Monday, June 11, 2012
 - b. Dr. Goodin, Mr. Roche, Dr. Floyd, Mr. Reynolds, & Mr. Edmunds
 - c. Discussed plans & rollout
 (Specifically related to content & assessment alignment, Professional Development, and information dissemination)





- 2. Confirmation of Potential Grant Funding
 - a. June 15, 2012 (Targeted release date)
- 3. Review Plans for the Hybrid Learning Project with the School Board
 - a. June 18, 2012 Board Work Session (by Dr. Floyd, Mr. Reynolds, & Mr. Edmunds)
- 4. Disseminate information to Parents, Community, & Media:
 - a. Website & Newspaper, etc.
 - b. Mid/Late June 2012 September 2012 (and beyond)



- 5. Content Alignment & Assessment: Work Sessions
 - a. July/August 2012
 - b. With staff representatives from each grade level
- 6. Assemble all "Hybrid Classrooms" at Spring City Elementary
 - a. No later than August 10, 2012 (Target date)
- 7. Hybrid Learning Teacher Curriculum Modules: Professional Development
 - a. Module 1: The Basics (8/14/12)
 - b. Module 5: Managing the Hybrid Classroom (8/15/12)
 - c. Module 3: Using the Technology (8/16/12)
 - d. Module 4: Using the Content (8/16/12)



- 8. Building/Classroom Scheduling & Classroom Organization
 - a. Laying the foundation (8/17/12)
 - b. Content & Assessment overview from July/August Work Sessions
- 9. Technology Orientation:
 - a. Equipment Basics/New Technology Items/Software (8/17/12)
- 10. Spring-City Building In-service Day
 - a. August 21, 2012
 - b. Hybrid Learning updates, discussions, and meetings regarding normal start of school items



- 11. Opening of School
 - a. August 27, 2012
 - b. Classrooms are assembled in the "Hybrid" Learning Environment
 - c. Begin year with a mixture of "Traditional" & "Hybrid" learning environment lessons
- 12. Hybrid Learning Classroom Utilization
 - a. Staff to utilize their "Hybrid" Learning Classrooms to practice "Hybrid" learning content lessons
 - b. August 27, 2012 September 14, 2012
- 13. Spring-City Elementary Open House/Back-to-School Night
 - a. September 6, 2012
 - b. As part of the Open House/Back-to-school Night...A presentation (updating parents on the status of the project) will be delivered to parents. In addition, the evening will include showcasing of the new "Hybrid" classrooms



- 14. Implement/Open the New
 "Spring-City Hybrid Learning Center"
 Tuesday, September 18, 2012
 (Exactly 3 months from today!)
- 15. Parent & Community "Hybrid Learning Center" Open House
 - a. Monday, October 15, 2012 (2:00-3:30 pm)



Questions & Answers





Thank You!



