

Ohio School Boards Association Capital Conference and Trade Show

November 13 - 16, 2011

Greater Columbus Convention Center Columbus, Ohio

Flipping the classroom through Netbooks

21st Century Learning Tuesday, November 15, 2011 2:00 p.m. C 226

R. Todd Schmutz, superintendent, Pandora-Gilboa Local (Putnam) Gene Lloyd, technology director, Pandora Gilboa Local (Putnam)

Paperless Board Meetings

OSBA is working for you to provide the means for paperless board meetings.

BoardDocs is an innovative system that saves districts times and money. BoardDocs enables school boards to enhance communication among the administration, the public and the board through online, paperless board meetings.

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For more information contact Amanda Finney at (614) 540-4000 or (800) 589-OSBA. More information can also be found at www.boarddocs.com.

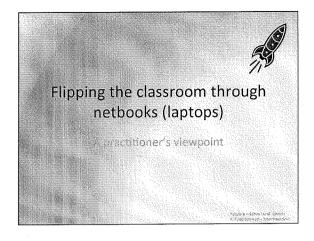
Please complete an online conference evaluation either during or after the event at http://links.ohioschoolboards.org/CC11Evaluation

OSBA Mission

OSBA leads the way to educational excellence by serving Ohio's public school board members and the diverse districts they represent through superior service and creative solutions.

Ohio School Boards Association

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How the idea was born



- · Book bags
- In order to provide a "world class education"; our students need to utilize 21st century learning skills and tools.

Personal - Wood Leady New

A need for change:

- Only 28% of Ohio students (class of 2011), who took the ACT met all four college readiness benchmarks. (source: ACT)
- 1968 Divergent Thinking Study by George Land (TEDx talks – Tucson, "The Failure of Success", December 2011)

Pendine - Hibbs Loss, Johnson

Results of Study

- 3-5 year olds
- 98% Genius
- 8-10 year olds
- 30% Genius
- 13-15 year olds
- 12% Genius
- Adults (31 year old avg.)

2% Genius



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Recent Reform Efforts

- Curriculum Common Core Standards
- Assessments Ohio Achievement Tests
- PEDAGOGY THE FORM OF TEACHING!!

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Current Instructional Strategies

- Educators spend too much class time on the TRANSFER of knowledge.
- Why do some educators believe they are the SOURCE of information???
- Dumping textbooks for Ipads does not necessarily change the method of instruction.



Facilities - Cities Lizar Street of Tour Ciberra - Superification

Flip the classroom

- The transfer of knowledge takes place for homework.
- The following day, class time is spent with the teacher answering/clarifying the knowledge that was learned for homework.
- Students (group work) practice the skill with teacher supervision....hopefully by applying it to solve a real world problem.

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Do we have the tools?

Tools data for teens (12-17 year olds)
 93% use the internet

75% have a cell phone

69% have a desktop or

laptop computer

Source: Pew Internet

Zandora – efficue (note la finale

Barriers to Flipping

- · Availability of technology
- Reliability of technology (tech support)
- Teacher resistance to change
- The learning to read, reading to learn curve
- Educating parents about this shift in teaching method



Presidente - Eulopa (1956 (1956) El Tosa Albanova y Eulopa (1956)

Advantages of Flipping

- More time is spent on applied learning (skill practice) rather than content transfer
- Encompasses 21st century learning skills: communication, collaboration, creative thinking
- Students use technology interactively
- Creates a student centered classroom where multiple instructional strategies may be utilized.

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Implementation 101

• Dr. Gene Lloyd – Technology Director

Paneza - Sibilitaçã, Shoos

Implementation 101

- Important to provide these three key technology elements:
- 1. Quality technology.
- 2. Adequate bandwidth.
- 3. Adequate tech support



Ferdine - Space Une Service R. Toda Schmatt - Septimer

Implementation 101

- Important to provide these three systemic "human" elements:
- 1. District leadership that "gets it"
- 2. Quality professional development for staff.
- 3. Quality professional development for parents.

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Implementation 101

- To filter or not that is the question.....
 - By law not necessary at home
 - NSA- FBI- DHS seem to have some difficulty with this
 - How effective is filtering... UltraSurf

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Implementation 101

- How do we move to year-round usage......
 - What ways can one work at their own pace-own place, and own time.
 - Maintenance issues



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Implementation 101	
(Video Testimonial) - Student	
A Control of the Cont	
Implementation 101	
• (Video Testimonial) - parent	
A Lord Status - Statu	
Implementation 101	
(Video Testimonial)-teacher	
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Implementation 101	
(Video testimonial) – Principal.	
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E. Total Street As Approximated	
Implementation 101	
• I "flipped" the classroom in 1988	
• (Examples)	
Physics - Blood San, White San	
Conclusion	
Advantages:	
 Allows the students to use their extraordinary capabilities (Intelligence is diverse-it's dynamic- 	
it's distinct. — Flipping the classroom is just a part of a bigger	
change that is occurring in education	

Conclusion	
Disadvantages	
 If not implemented correctly, it can be a district 	
relation nightmare	
 You are making a fundamental change to the educational process (be careful). 	
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Second Se	
Thank you	
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