

## **Backchannel for Tech 219 Keynote**

<http://davidwarlick.com/wiki/pmwiki.php?n=Main.BackchannelTranscriptForD219TechnologyConference>

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### **Lucy Gray**

Global with Kids

<http://www.lucygray.org/>

Where the hell is Matt?

<http://www.wherethehellismatt.com/>

Rock our World

<http://rockourworld.ning.com/>

the future belongs to the nation that best educates its citizens- Obama

World class means globally connected schools

Networked learning leads to networked problem solving

Pearl Square- Bahrain

Millennials- how they want to learn

[Horizon Report](#)- Data to support

January of every year- 3 benchmarks- 1 year or less, 2-3 years, 4-5 years

New one coming out May 10th

Global Achievement Gap- Tony Wagner

Flexible Displays- <http://www.youtube.com/watch?v=9qmwdbhsbVs&feature=fvst>

[www.p21.org](http://www.p21.org)

JF Rischard- 20 problems in 20 years

21st Century Skills

Bernie Trilling

Education Nation

21st Century Skills

Heidi Hayes Jacobs- Curriculum 21

Esther Wojcicki and Michael Levine

Stop chasing exponentially expanding content, figure out how to leverage it.

Becoming a world citizen requires knowledge and experience of other cultures; U.S. Schools do not provide knowledge or experience. They provide a cursory glimpse- Diversity Day does not create world citizens, it patronizes cultural differences and touts xenophobia, and always winds up pandering American culture as Eurocentrally defined

As an educator- you need to be participatory yourself- Practice what you preach

Asia Society Partnership for Global Learning

District 25- Strategic Vision 2020

[www.ahsd25.k12.il.us/about\\_us/vision.php](http://www.ahsd25.k12.il.us/about_us/vision.php)

Apple Learning Interchange- stuff has been moved to iTunes

[Classroom20.com](http://Classroom20.com)

Largest network outside of facebook

Steve Hargedon

Globaleducation.ning.com

Build on other people's best practice

The Education Project - Bahrain

Global Education has many meanings

2010 Global Education Conference

[www.globaleducationconference.com](http://www.globaleducationconference.com)

400 sessions

60 keynotes

All recorded and available online

Polar Bears International

Conference Lounge- Volunteers

Global Conference, shown all day in one school

[iEARN](http://www.iearn.org/)- International Education and Resource Network

Learning with the World, not just about it

<http://www.iearn.org/>

Learn to network; network to learn

Keep it authentic

Start small and design very structured projects

Join an existing group

develop a customized vision of 21st century learning for your classroom, school and district

[Lucy's TED Talk](#)

Global rites

HP- Documentary Filmmaker

Wife is head of Botanic Gardens

Film- Louder than a bomb-

<http://www.youtube.com/watch?v=81hXGdFF6TQ>

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## **Re-envisioning Learning spaces**

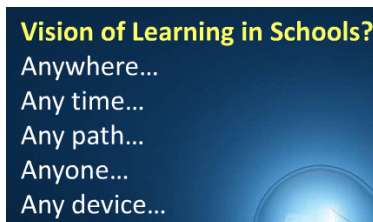
David Jakes

<http://jakes.editme.com/revision>

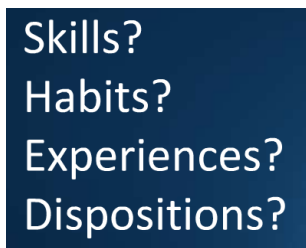
No set space design

Push and pull tables and chairs wherever you want

Schools- one size fits all



Form follows function. Ask these questions, first...



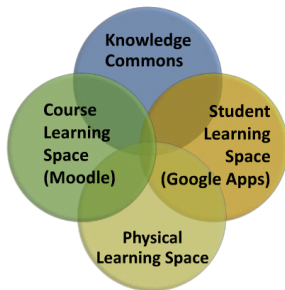
Critical questions to ask when designing space.

Do your spaces support the learning you wish to see?

Titanpad?  
Google Docs

IdeaPaint- can use it to make everything interactive

MobiMooc  
Purdue Studio-  
content management called libguides



Communicate, Collaborate, Create

<https://sites.google.com/a/wilmette39.org/21st-century-collaboration--islma/>

Flipping the Classroom

<https://docs.google.com/presentation/view?id=0AWWzaaRnYL0HZGNmZzliNjZfODI4Y2N0a3RtZDM&hl=en>

Google Search Stories

<http://www.youtube.com/user/searchstories>

Conference Lanyard Site

<http://lanyrd.com/2011/d219tech/>

<http://futureofthebook.blogspot.com/>

<https://docs.google.com/viewer?a=v&pid=explorer&chrome=true&srcid=0B0YL7P6166VENDVIODUxZjltZDgyYi00MDhmLWI2NDAtZDgzZjA2NjA4YzVm&hl=en>

Isaac Asimov - 1954 - future of the books

The Fun They Had

The Magazine of Fantasy and Science Fiction, February 1954

Horizon Report

Predictions (mostly for Higher Ed)

1 year or less, time to adoption

Challenge the very definition of reading

Social tools extend the reader's experience

Flexbooks

iPads- Georgia

FL- Five year plan- all students only use electronic materials

Schools pushing back- asking for pilot schools to transition

ePub- standard for eText

Different from Kindle format- kindle is it's own format

Read ePub's online

Bookworm

Other eReaders also have apps for the iPad

Barnes and Nobles - can read any book in their collection for one hour for FREE

eschool news- which e-reader is right for you?

Book apps

iBooks supports multimedia

"Book" vs. "App"

inkling (backed by McGraw Hill and Pearson) and course smart

-creating tech books for schools

Rent books on Course smart

Theo Gray- Interactive Elements Book - 3D images

Health Teachers at Stevenson

Realized Textbooks were obsolete by the time they go them

Gathered digital resources to pull together their resources

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Kiwa books- little kids

[kiwamedia.com/en/apps](http://kiwamedia.com/en/apps)

Joe's Non-Netbook

<http://www.youtube.com/watch?v=SkhpmEZWuRQ>

Digitized text is not the same as digital text

Stories before bed-

<http://www.astorybeforebed.com/>

Calibre

<http://calibre-ebook.com/>

Where to create ebooks

dotepub- convert any webpage into an ebook

<http://dotepub.com/>

<http://www.epubbud.com/>

Taking digital content and turning it into an ebook

- Josh Jones- created the site, moving towards creating an education site

Connected

Adaptable

Flexible

Customized

[www.epubbud.com](http://www.epubbud.com)

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Hank Thiele [@henrythiele](#)

[Leveraging Technology to Personalize Learning](#)

Kids aren't afraid to share. In the classroom, are we looking for these personal connections or would we choose to ignore it?

David Warlick- What do we actually teach in our classroom?

We have to understand the HIDDEN curriculum. What we're teaching but don't intend to teach.

What we learn in schools is that you can't be wrong- this is something that the hidden curriculum is teaching our kids.

## **Reflection journal**

List of prompts- write about something once a week

Response comes in to teacher, teacher types a response back

1st day they walked into science, students had a writing assignment- autobiography type assignment. Learned a lot about the kids before the year really got rolling.

Online exit slips- reflection about anything

Made a huge difference in teaching

Marzano- 1) curriculum 2) Goals and Feedback 3) Parent and Community Involvement  
#2 can shape #1 and #3

Two way communication

Transparency

Personal communication

Timely feedback (for students and parents)

Establish Challenging Goals

Google form for pre-test

Open-ended questions

Learning Style survey questions

Predict difficulties

- Personalize instruction- menu of options for kids

Art Teacher

Virtual Field Trip

Pre-test with a google form- self-grading form

Test of how much can you go out and find about it

Research- self- grading form let's them know if their research was right or not

Expectation is that when you come back to the classroom, you will have the right answers

Does peer reviewing

Keeps track of assignments with Google Docs

Uses comment feature of google doc

Immediate feedback (timely)

<http://goo.gl/8BZhR>

Flubaroo

<http://www.flubaroo.com/>

self-grading made easy for teachers!

**Meet them where they are**

Chicago History Fair

Teachers have set a code in the web pages, lights up "green" if the teacher is available for chatting

**make it relevant**

Ex. Real life projects for kids to work on- marketing class, kids are given assignments to market and create campaigns- cool!

**Preparing for the World**

Business students trying to mimic what happens in the real world. business people do business without ever seeing one another.

Kids experience is always face to face.

They pair up kids from different classes or different schools

**Learn to think differently**

Graphing example- spreadsheet vs. interactive graph

**Ask an Expert or Become an Expert**

Many experts are anxious to talk to people and share their expertise

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**Google Apps for Educators**

Sprio Bobs- Social Studies teacher @ New Trier

Website: <http://www.spirobolos.com/>

**Classroom Ideas****Individual Student Blogs** via Google Blogger

- Post writing, drafts...
  - Blog on revision process...writing process... writer's block
  - Have a writing group for ideas, revision... discussion of writing- metacognition
- Record-keeping
  - Google spreadsheet- Google Forms- with name, blog site, display name and email address

**Whirligig**

- Map the Brent's journey on Google Earth (My Maps)- 3D building option-(perspective for developing empathy of the character)-Record

**Jigsaw Teaching**



- Slice a radio transcript (**This American Life**) and have students illustrate (hyperlink source) in a Google presentation
- Students can work on the same presentation in real time

### **Google Books- Requisition Google Books of classroom novels (Promethean annotation)**

- Clip/Embed text from Google Books into their blog & annotate- literature circles comment

### **Google Calendar- Resource Students**

- Have teachers create assignments on their calendar
- Students can subscribe to only their teachers calendars and have a virtual/consistent/accurate assignment notebook

## **Storytelling for the YouTube Generation**

Steve Dembo- Discovery Streaming

Presentation: <http://Teach42.com/>

### **Google Search Stories Video Creator**

- Summarize, plot maps...
- [youtube.com/user/SearchStories](http://youtube.com/user/SearchStories)

### **MyFakeWall**

- Create a fake facebook page for characterization

### **Analyzing Reading/Literature**

- [jaycut.com/create](http://jaycut.com/create)

### **Choose your Own Adventure- YouTube**

- Storywriting- Plot development

## **Keep Them Talking: Reclaiming Instructional Time with Discussion Boards**

Heather Ingraham- English teacher @ Niles North

### **Discussion Boards- What to do with them**

- Start with small groups (because there is only one right answer), then move to class size with open-ended questions
- Analysis for reading
- Making connections with SSR book
- Prepare for a test/paper- "Imagine what questions I will ask?"
- Student-directed inquiry

## **To the Clouds EDU- Google Apps successes from STEM Classrooms - Aida Awad/Dexter**

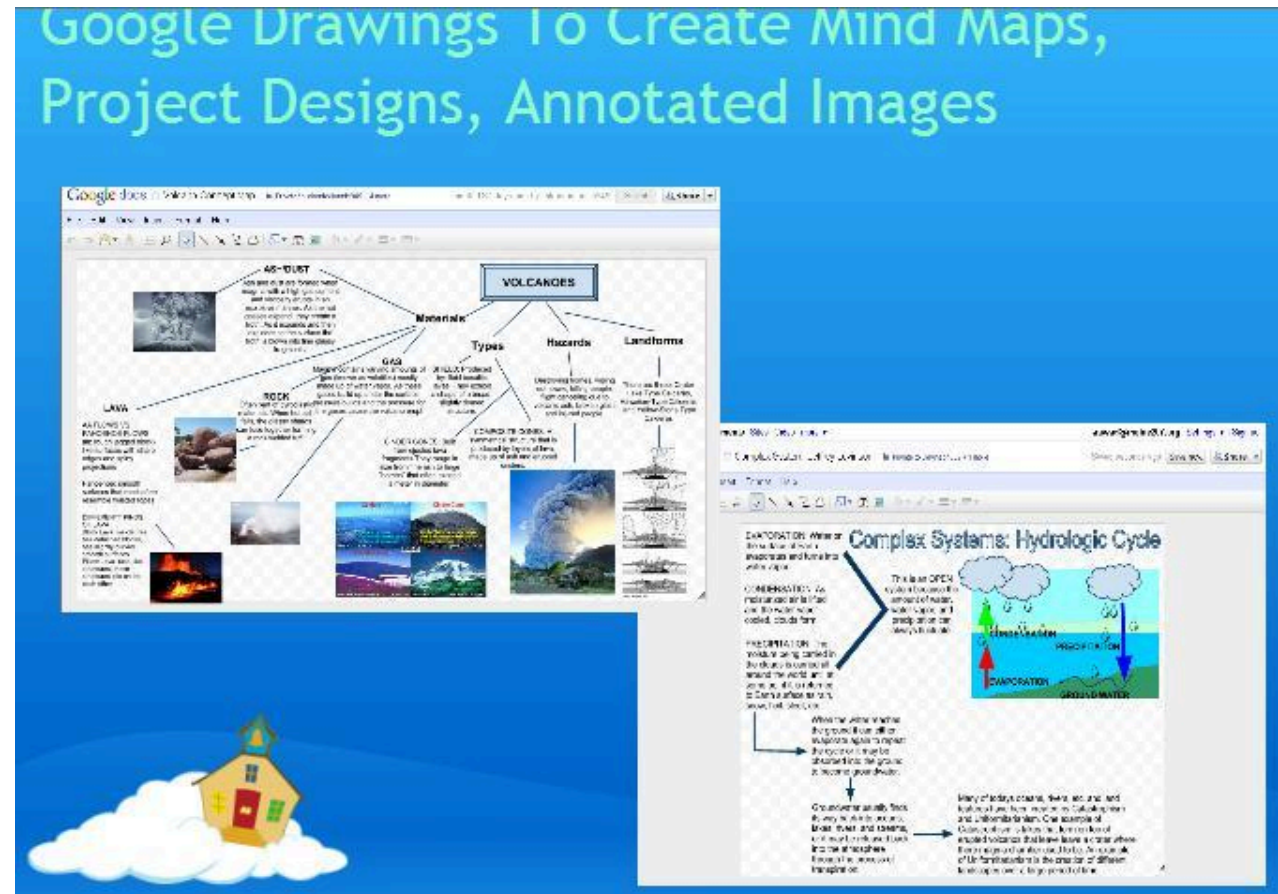
Raleigh

Presentation: <https://sites.google.com/a/maine207.org/google/files>  
Science Classroom

Google Tools associated with **Blooms Taxonomy**. Click on the tool and it will take you to the website.

<http://kathyschrock.net/googleblooms/>

**Google Drawings**, create mindmaps, project design, annotated images



**Google Forms** to collect data, use for graded quizzes.

**Quiz:** add Flubaroo for automatic grading

Teacher takes quiz and that becomes the answer key

1. insert-->script
2. find Flubaroo-->install
3. now appears on tool bar.
4. open spreadsheet and run Flubaroo
5. asks for answer key
6. pick teacher test.

## 7. Report shows grades

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**Motion Graph** - great way to show data over time

Slope, distance, time

1. Insert Gadget
- 2.. open spreadsheet with data
3. Choose variables



Students worked with scientists and presented data and findings to them.

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**Integrating Technology into the Science Classroom - Mike Heinz**