

Web 2.0 Classrooms: Transforming the Culture

March 22, 2010

1:00 pm Pacific / 4:00 Eastern

Introductions

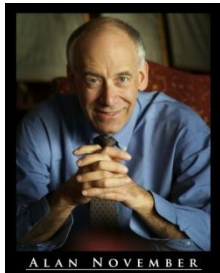


Moderator:

Gwen Solomon, Web Editor

Tech & Learning Custom Projects

Speakers



Alan November
November Learning



Steven Halper
Technology Coordinator/Chair
Rye Neck Union Free School District

Agenda

- Transforming the culture of teaching and learning
- Creating a vision that can outlast any change in the technology.
- Using Web 2.0 tools safely to enhance the teaching and learning environment.
- One district's needs, challenges and solutions.

About our Sponsor

- Innovative, comprehensive solutions for network security, filtering, monitoring, management, and optimization have emerged from Lightspeed's IT expertise and constant customer interaction.
- Lightspeed Systems partners with schools to ensure safe online learning environments.

Polling Questions

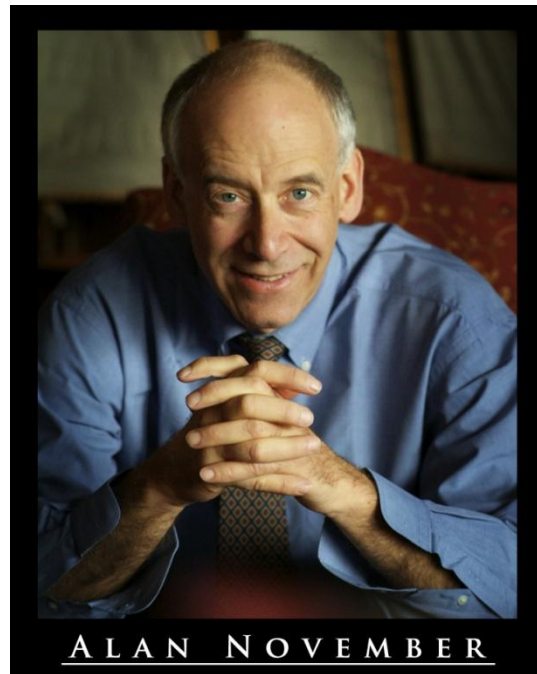
Who currently owns the learning in your schools?

- A.) Teachers
- B.) School
- C.) NCLB
- D.) Students

Who should own the learning?

- A.) Teachers
- B.) Schools
- C.) NCLB
- D.) Students

Alan November



November Learning

From Technology Planning to Learning Results

What should be the focus of our planning?

- Technology is the digital plumbing
- Real revolution is what flows through the technology
- Information
- Global Communications

What information is needed?

- What information do teachers need?
- What information do students need?
- What information to administrators need?
- What information does the family need?

Information for Teachers

- Real time feedback from students
- Real time professional development (PLC)
- District documents
- Student Portfolio

Critical Information

MONDAY, JANUARY 23, 2006

The method of substitution

We did the integration using the chain rule yesterday. Today, we had some questions on the board. Firstly, we used chain rule solved first 3 questions. But if only use chain rule, we wouldn't be able to solve some problems like 4 and 5, so some new stuff for today. That's the method of substitution.

Three steps: Substitution, antidifferentiate, resubstitute

Exp: $\int \cos(3x) \cdot 3 \, dx$

Let $u = 3x$

$du = 3 \, dx$

$\int \cos(u) \, du = \sin u + C$

$= \sin 3x + C$

Another one:

$\int \frac{1}{\sqrt{x+7}} \, dx$

Let $u = \sqrt{x+7}$

$du = \frac{1}{2} (x+7)^{-1/2} \, dx$

$du = \frac{1}{2\sqrt{x+7}} \, dx$

$2 \, du = \frac{1}{\sqrt{x+7}} \, dx$

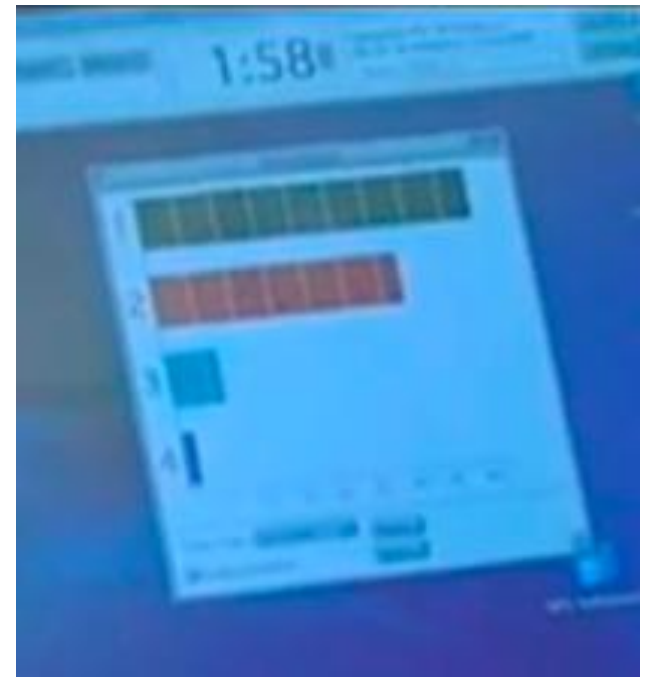
$u = \sqrt{x+7}$

$u^2 = x + 7$

$u^2 - 7 = x$



❓ “You can forget facts but you cannot forget understanding.”
Professor Eric Mazur



What Relationships do Teachers Need?

- Colleagues
- Global
- Parents
- Build Learning Communities

What Information do students need?

- Immediate response to “homework”
- Real time assessment
- Portfolio
- Examples from students around the world
- Rubrics



Broadcast Yourself™

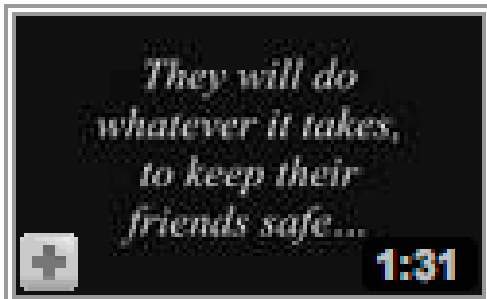
Number the Stars English Book Report

Home Videos Channels Shows

Search options

Number The Stars book

AdamsBook.com/holocaust YA book Lois Lowry Number the Star
35% off



number the stars.

english book report

★★★★★ 2 years ago 17,580 views

Download: [FLV](#) [MP4](#) [3GP](#)

What Information do Administrators Need?

- Real Time Student Data
- Historic Data
- Professional Development Needs
- Professional Learning Communities

What Relationships do Administrators Need?

- Collegial
- Community
- Global
- High Performing Team

Information for Staff Development

- What teachers love to teach
- Where students are struggling the most
- Impact of staff development
- Role of the building principal

Next Step Questions

- What kind of culture of learning do we need?
- Who should own the learning?
- What processes should we change?
 - Homework to class work

Polling Question #2

Would you be interested in a solution that allows teachers to make their own decisions about content while still keeping students safe?

A.) Yes

B.) No

Steven Halper



**Technology Coordinator/Chair
Rye Neck Union Free School
District**

Rye Neck Union Free School District

<http://www.ryeneck.k12.ny.us>

- 4 schools on 3 Campuses/1600 Students
- Approximately 400 workstations
- 200 Mobile laptops & Netbooks
 - Network access/WiFi throughout District
- Online learning environment

District Technology Initiatives

- Online learning (OLE)
- Webcams in classroom
- Web 2.0 applications for teaching
- District-wide netbooks

The need:

- To enhance learning, needed safe access to:
 - Online videos
 - Web 2.0 sites
 - Social networking sites/Blogs & Wiki's
- Safety Issues
 - Online Video-YouTube Video Dilemma
 - Mature inappropriate content
 - Student distraction--educational or fun?
 - Issues: violence, bullying, pornographic content & ads

SOCIAL NETWORKING

- **Schools and Facebook:
Moving Too Fast, or Not Fast Enough?**

Schools can draw a line in the sand, with zero tolerance rules written into school handbooks, or they can shift with the changing sands of social networking and utilize social networking and Facebook to enhance teaching and learning.

<http://teachers.net/gazette/MAY09/levinson/>

The Unwanted Result:

- Due to safety issues, we were forced to block all of the above.
- As a District, we needed to give Teachers and Students the best possible learning tools and environment to enhance their education
- We believed that Web2.0 is that environment
- Began to look for an easy interface that would provide us with an online resource library for teachers and students.

The Solution:



<http://www.mybigcampus.com>

- Web 2.0 tool, **My Big Campus** – library of safe educational videos & website resources. Private Social Networking environment
- Integrated with Lightspeeds' Total Traffic Control
 - Web/Email content & search filter, AV/BDBD Management
- Nice interface with good collection of web resources & videos
 - Easy to learn and use
- Currently piloting MBC at 1 middle school and 1 high school

RYE-NECK & MY BIG CAMPUS

What Students & Teachers are doing

- Educational Video Library & Web Resource Library
 - Unblocked-created by Teachers & Students
- Social networking between Teachers and Students
- Online learning environment
 - Teacher assignment & resource section
 - Inbox for submission of Student assignments
 - Discussion board, event calendar, blog, group wall
- Collaboration- Discussions Groups
- Blogs
- Event notifications/Calendar
- Communication Tool: replacement for email

Video Library & Web Resources

Big Campus
by Lightspeed Systems

Search Big Campus

The Library | My Stuff | You are not logged in. [Login](#) | [Help](#)

Emergency Broadcast System - Wikipedia,...

Can you name the powers of 1-10 from m...

Can you name the Trigonometric function...

Can you name the first numbers in the F...

Can you name the squares to three digits...

Yes, you in the back with your hand up. What is Big Campus you ask?

Hooboy, are we glad you asked! Big Campus is your internet hub. Big Campus is that 500 word essay you stayed up until 3 in the morning working on. Big Campus is your personal tutor. Big Campus is your classmate, your class, heck your entire school.

In a nutshell, Big Campus is kind of a big deal. [Are you in?](#)

Popular Videos		Popular Websites	
	My Big Campus Overview 119 Views		Educational Video Library 78 Views
	The California Gold Rush 93 Views		Mr. Emaster.com - Classes 41 Views
	How to join a group on My Big Campus 88 Views		Virtual Frog Dissection 37 Views
	Rap - Count to 30 (Spanish) 83 Views		1st Semester Spanish Love Song 37 Views
	YouTube - Bio Mitosis Song 48 Views		Today's Fort 4 29 Views
	TECTONICA DE PLACAS 45 Views		Multiplication Rock - Three 27 Views

In the library ...

- Social Studies
- Science
- Language Arts
- Technology
- Specialized Education
- Current Events
- Career & Technical Ed.
- Reference Tools
- Mathematics
- The Arts
- Health & Physical Ed
- World Languages
- Philosophy & Religion

[Terms of Use](#)

Online Learning Environment

The screenshot shows the myBigCampus interface. At the top, there is a search bar with the text "Search My Big Campus" and a "Go!" button. Below the search bar, there are two tabs: "The Library" and "My Stuff". To the right of the tabs, there is a welcome message: "Welcome, shalper | Logout | Help | Feedback".

The main content area is titled "Assignments (Beta)" and includes a "Create an assignment" button. It is divided into two sections:

- Assignments Assigned To You:** A table with columns: Assignment, From, Type, Due Date, and Submitted?.

Assignment	From	Type	Due Date	Submitted?
Fixing Laptops	Steven Halper	project (100 points)	April 05, 2010 at 9:00:00 AM	No
GoAnimate	Steven Halper	project (100 points)	March 23, 2010 at 9:00:00 AM	No
webSite Design	Steven Halper	project (100 points)	February 17, 2010 at 9:00:00 AM (already happened)	No
- Assignments You've Created:** A table with columns: Assignment, Type, Due Date, Submissions, and a Delete link.

Assignment	Type	Due Date	Submissions	Delete
Fixing Laptops	project (100 points)	April 05, 2010 at 9:00:00 AM	0	Delete
GoAnimate	project (100 points)	March 23, 2010 at 9:00:00 AM	0	Delete
VoiceThread	project (100 points)	February 28, 2010 at 9:00:00 AM (already happened)	0	Delete
webSite Design	project (100 points)	February 17, 2010 at 9:00:00 AM (already happened)	0	Delete
COMP SYSTEMS	project (100 points)	February 15, 2010 at 9:00:00 AM (already happened)	0	Delete
Web Site Design	project (100 points)	February 02, 2010 at 9:00:00 AM (already happened)	0	Delete
test 1	project (100 points)	January 27, 2010 at 2:00:00 PM (already happened)	0	Delete
Computer Repair Project	project (100 points)	January 08, 2010 at 9:00:00 AM (already happened)	0	Delete

The left sidebar contains navigation options: Profile, Messages (1), Blog, Assignments, Events, Library Items, MY SCHOOL (Rye Neck UFSD), and GROUPS (Teacher's Lounge, Computer Systems Design, Rye Neck Pilot).

Classroom Collaboration



Computer Systems Design

Independent CSD Class

 [Edit](#)

Owner: [Steven Halper](#)
Created: February 23, 2010
Members: 4
Discussions: 2
Location: [Rye Neck UFSD](#)

[Group Homepage](#) | [Discussions](#) | [Wall](#) | [Events](#) | [Members](#) | [Remove Me From This Group](#)

Group Discussions

[Apple Software Installation](#)
1 Comment
Posted by [Zak Eisenberg](#) on 45 minutes ago

[Discussion Board: The Game Factory 2 Project](#)
1 Comment
Posted by [Steven Halper](#) on March 04, 2010 at 5:34:12 AM

[View more group discussions](#)

Wallposts

 [Steven Halper](#): Contact me via Discussion if you have any questions on using the application (TGF2) or ideas for a game

 [Steven Halper](#): Welcome to "Computer Systems Design" Students should be working independently with netbooks on installing and creating Games using The Game Factory (TGF2)

[View more wallposts](#)

Events

There are no events to show.

Social Networking & Blogging

The Library My Stuff Welcome, shalper | [Logout](#) | [Help](#) | [Feedback](#)

Zak Eisenberg [View Zak's Blog](#)
Rye Neck UFSD

Post to Zak's wall

Zak Eisenberg When will our meeting take place to discuss Skype meeting?
43 minutes ago
[Comment](#) [Flag as inappropriate](#)

Steven Halper contact the computer systems group and have them stop by the b-lab on Monday
January 26, 2010 at 6:17:10 PM
[Comment](#) [Flag as inappropriate](#)

Steven Halper zack-how is your netbook/mac project going-please send me an update
January 26, 2010 at 6:16:22 PM
[Comment](#) [Flag as inappropriate](#)

Bob Campus Hi Zak! Welcome to My Big Campus. If you have any questions about My Big Campus, just let me know.
January 19, 2010 at 7:29:38 AM
[Comment](#) [Flag as inappropriate](#)

Profile
Messages 1
Blog
Assignments
Events
Library Items

MY SCHOOL
Rye Neck UFSD

GROUPS [Create New Group](#)
Teacher's Lounge
Computer Systems Design
Rye Neck Pilot

Steven Halper's Blog

[Edit Blog Title](#) [Add New Blog Post](#)

What to do when it Snows Feb 25

[1 Comment](#) [Flag](#) [Edit](#) [Delete](#)

Rain/Sleet/Snow! I actually get more done virtually when I'm not shoveling the driveway. I'm interested in 3-D Virtual Worlds for learning. I haven't explored 2nd life (might do that today). I know there are alot of 3-D environments out there. Please send feedback on different sites and possible educational uses. Still pushing for a virtual coffee shop in mbc. I guess my avatar would be "JavaMan".

WEB 2 IN THE CLASSROOM Feb 23

[0 Comments](#) [Flag](#) [Edit](#) [Delete](#)

Events:
Web 2 Professional Development Class:
15 HOUR IN-SERVICE CLASS ON USING WEB 2 IN THE CLASSROOM, AS WELL AS, WEBCAMS/FLIP CAMERA'S. INTERESTED TEACHERS PLEASE CONTACT:

CRYAN@RYNECK.K12.NY.US

April 06, 2010 at 3:30:00 PM

Google Apps Feb 22

[1 Comment](#) [Flag](#) [Edit](#) [Delete](#)

Looking to integrate some of these tools into our District.
Does anyone have experience with Staff Professional Development for any of these Applications (calendar, docs, groups, webpage, etc)?



[Steven Halper's Blog](#) is a blog by Steven Halper

Teacher Response

- Teachers (+):
 - Utilize & enjoy the video and website library
 - Posting assignments & Resources for Students
 - Collaboration/organization using blogs, discussions, & events
- Teachers (-):
 - Why are Students better than us at this???
 - Still learning uses & how to use social networking

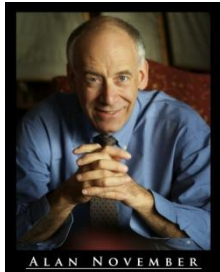
Student Response

- Students (+):
 - Video and website library
 - Enjoy social networking in classroom
 - Like quick feedback/response to questions and posting of assignments and resources
- Students (-):
 - Want 3rd party applications “Games”
 - Would like to have it integrated with other web resources (skype, twitter, etc)

Netbooks

- Have given a pilot group of teachers netbooks to use in school and at home.
- Plan to incorporate *My Big Campus*, so teachers can have the convenience and time to collaborate with students and work via the Internet.

Today's Webinar



Alan November
November Learning



Steven Halper
Technology coordinator/chair
Rye Neck Union Free School District

Q&A and Resources

Information and resources

- www.lightspeedsystems.com/resourcecenter
- <http://www.lightspeedsystems.com/products/My-Big-Campus.aspx>
- www.mybigcampus.com
- www.novemberlearning.com/blc
- www.novemberlearning.com

Thank You!

TECH & LEARNING

www.techlearning.com



Lightspeed
Systems

www.lightspeedsystems.com

TECH & LEARNING

