A PRACTICAL LOOK AT EDUCATIONAL TECHNOLOGY

Robert Aspen,
Fulbright Teacher Exchange

esf evropský sociální fond v ČR
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MINISTERSTVO ŠKOLSTVÍ, MLÁDEŽE A TĚLOVÝCHOVY
OP Vzdělávání pro konkurenceschopnost
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Englewood
Littleton
Idaho Springs
Vail
Mt Evans 14264
Castle Rock
Fort Morgan
Akron
Sterling
Holyoke
Wray
Limon
Burlington
Cheyenne Wells
Colorado Springs
Pueblo
Canon City
Salida
Gunnison
Delta
Grand Junction
Montrose
Ouray
Silverton
Del Norte
Monte Vista
Alamosa
Blanca Pk 14345
Walsenburg
Trinidad
Raton
Des Moines
Springfield
Las Animas
Lamar
Syracuse
La Junta
Rocky Ford
Cortez
Durango
Pagosa Springs
Antonito
Aztec
Shiprock
Farmington
Mesa Verde
Ship Rock 7178
Navajo Reservoir
Black Mesa 4973
Boise City
Mt Peale 12721
Mt Wilson 14246
Mt Elbert 14433
Mt Massive 14421
Mt Harvard 14420
Pikes Peak 14110
Mt Sunf 4039
Longs Pk 14255
Craig
Steamboat Springs
Meeker
Rifle
Glenwood Springs
Aspen
Leadville
Bridger Pk 11004
Yampa
White
River
Platte
Arikaree
Arkansas
Purgatoire R
Dolores
Uncompahgre Plateau
ROAN PLATEAU
PARK RANGE
FRONT RANGE
SAN JUAN MTS
CRISTO MTS
Sawatch Range
South
25
76
70

National Capital (1,180,000 in 2005)
over 300,000
over 100,000
over 50,000
over 20,000
other main city
other city
POLAND
GERMANY
SLOVAKIA
PRAHA (Prague)
STŘEDOČESKÝ
KARLOVARSKÝ
ÚSTECKÝ
LIBERECKÝ
KRÁLOVÉHRADECKÝ
PARDUBICKÝ
VYSOČINA
JIHOČESKÝ
PLZEŇSKÝ
JIHOMORAVSKÝ
OLOMOUCKÝ
ZLÍNSKÝ
MORAVSKOSLEZSKÝ
Bohemia
Moravia
Bohemian Forest
Ore Mountains
Sudeten
Elbe
Oder
Vltava
Danube
Morava
Dyje
Labe
Ohře
Berounka
Sázava
Svratka
Jihlava
Dyje
Litava
Odra
Opava
Ostrava
Plzeň
Liberec
Hradec Králové
Pardubice
Kladno
Kolín
Kutná Hora
Mladá Boleslav
Jablonec nad Nisou
Děčín
Ústí nad Labem
Teplice
Most
Chomutov
Karlovy Vary
Sokolov
Cheb
Rakovník
Beroun
Příbram
Benešov
Vlašim
Havlíčkův Brod
Jihlava
Třebíč
Žďár nad Sázavou
Pelhřimov
Tábor
Písek
Strakonice
Klatovy
Domažlice
Prachatice
Český Krumlov
České Budějovice
Jindřichův Hradec
Znojmo
Brno
Blansko
Boskovice
Prostějov
Přerov
Olomouc
Šumperk
Zábřeh
Šternberk
Jeseník
Rýmařov
Bruntál
Krnov
Opava
Ostrava
Karviná
Frýdek-Místek
Havířov
Orlová
Třinec
Nový Jičín
Valašské Meziříčí
Vsetín
Zlín
Kroměříž
Holešov
Uherské Hradiště
Uherský Brod
Otrokovice
Bučovice
Vyškov
Hodonín
Veselí nad Moravou
Břeclav
Kyjov
Moravské Budějovice
Třebíč
Velké Meziříčí
Havlíčkův Brod
Žďár nad Sázavou
Svitavy
Litomyšl
Česká Třebová
Ústí nad Orlicí
Rychnov nad Kněžnou
Náchod
Trutnov
Jičín
Semily
Turnov
Česká Lípa
Litoměřice
Louny
Žatec
Most
Teplice
Děčín
Varnsdorf
Rumburk
Frýdlant
Česká Kamenice
Nový Bor
Jablonec nad Nisou
Liberec
Tanvald
Železný Brod
Sněžka
Jeseníky
Mikulovice
Město Albrechtice
Červená Voda
Šumperk
Zábřeh
Mohelnice
Litovel
Uničov
Hranice
Lipník nad Bečvou
Bystřice pod Hostýnem
Valašské Meziříčí
Vsetín
Rožnov pod Radhoštěm
Frenštát pod Radhoštěm
Kopřivnice
Nový Jičín
Odry
Fulnek
Hlučín
Kravaře
Bohumín
Orlová
Karviná
Havířov
Třinec
Frýdek-Místek
Jablunkov
Lysá Hora
Moravský Beroun
Rýmařov
Jeseník
Sněžník
Ezilon.com
CZECH REPUBLIC
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PRESENTATION OVERVIEW

- Comparison of the use of educational technology between my home and host schools
- Highlight some exciting developments in educational technology
- Future of educational technology
- Potential disadvantages of educational technology

SNAPSHOT COMPARISON OF SCHOOLS

F.L. Celakovskeho, Strakonice, Czech Republic

Miller Middle School, Durango, Colorado

Czech Students

American students

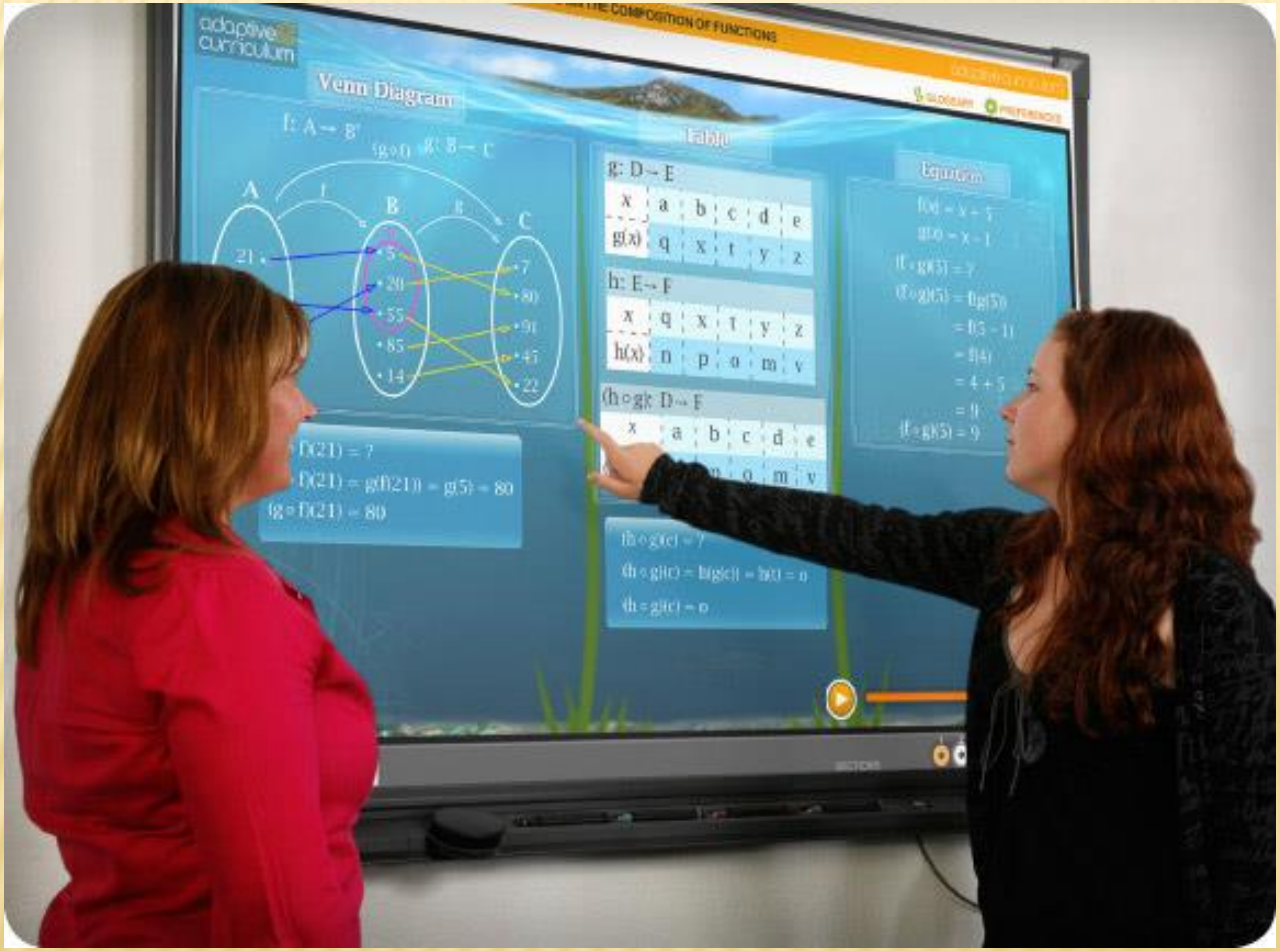
24.1.
2014

STUDENT COMPUTER LABS

MOBILE LAB

Durango only

INTERACTIVE WHITEBOARDS

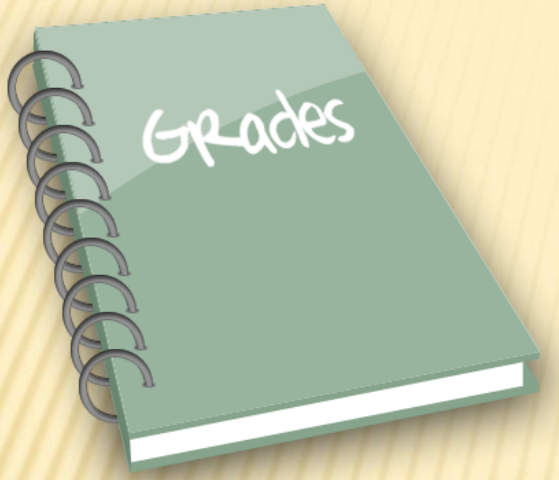


Strakonice and Durango

DOCUMENT CAMERA

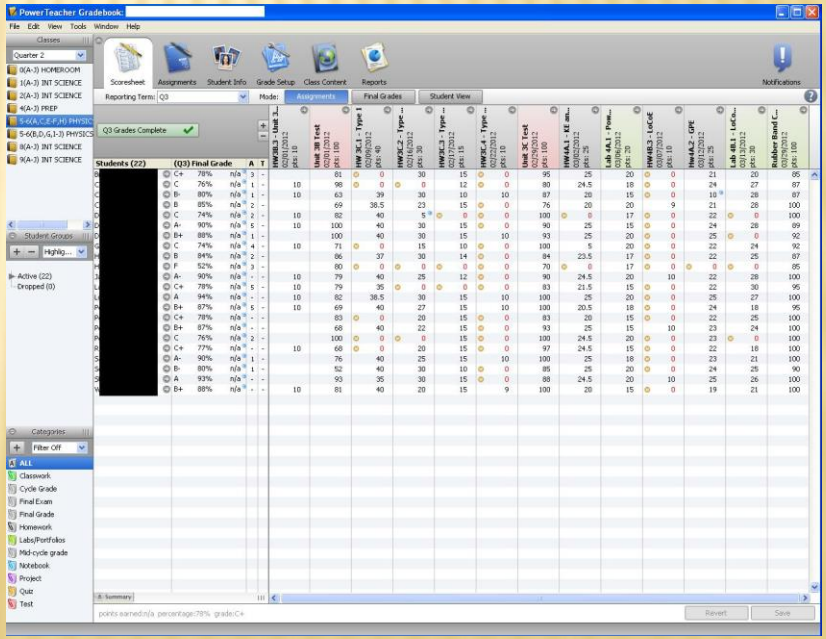
Strakonice and Durango

GRADING PROGRAMS



Strakonice

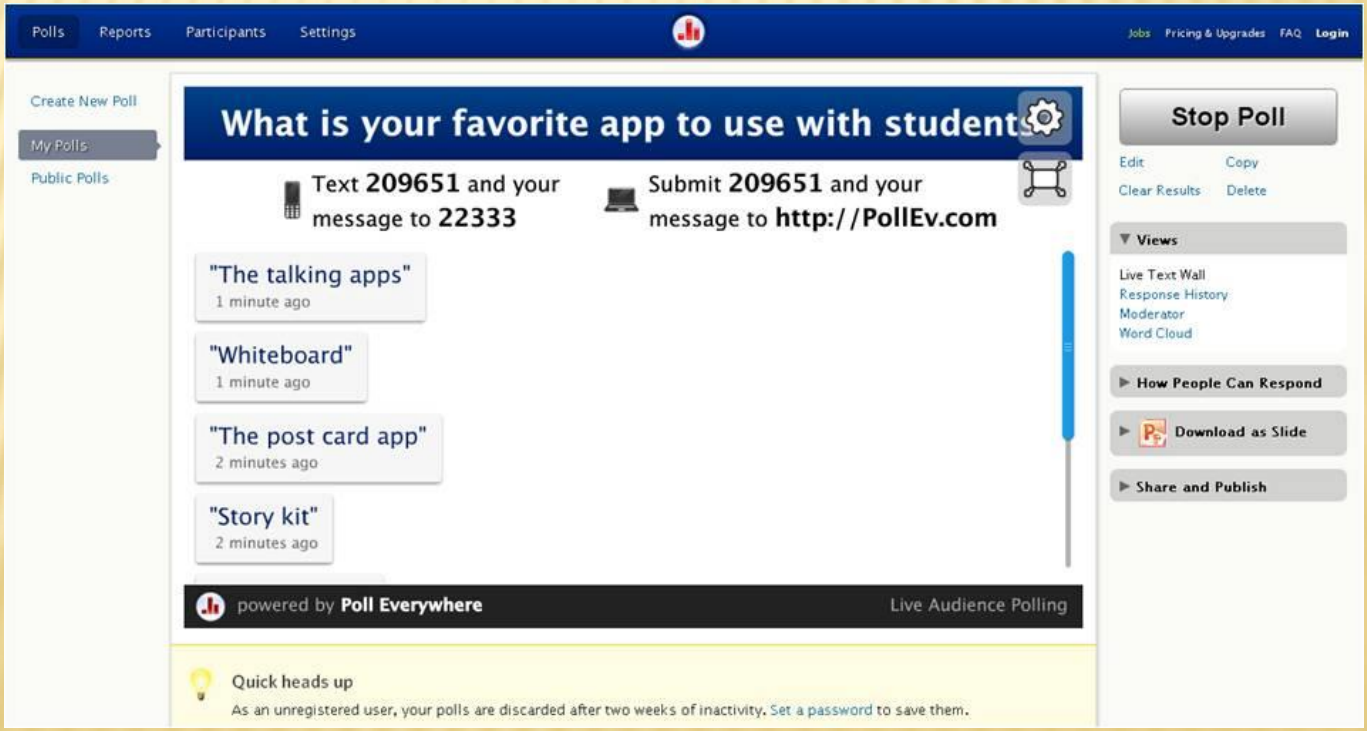
Durango



MOBILE DEVICES

EXCITING POSSIBILITIES

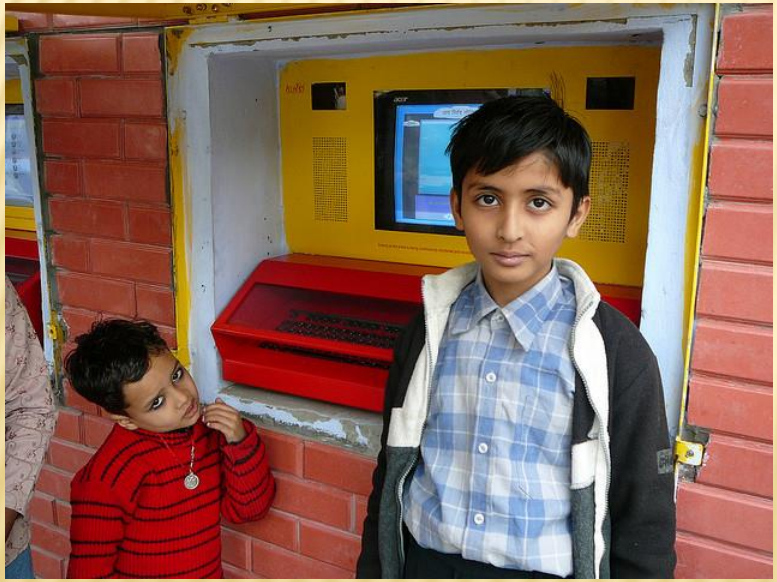
- Poll Everywhere
- http://www.polleverywhere.com/
- +447 624 806 527



EDUCATIONAL RESOURCES AVAILABLE ONLINE

- Online education
- MOOCs (Massive online open courses)
- OER (Open Educational Resources)
- Library and research databases

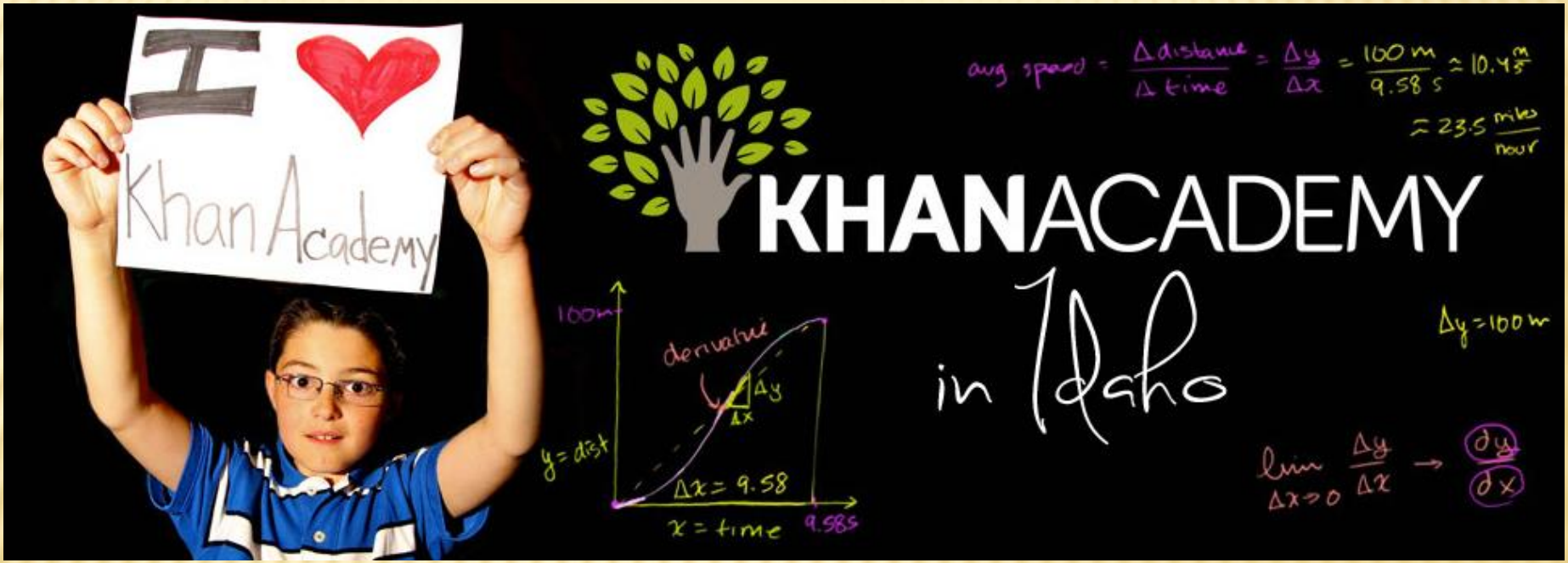
SUGATA MITRA: HOLE IN THE WALL



TED-ED

- http://ed.ted.com/ introductory video
- Use Youtube.com to “flip” classroom

KHAN ACADEMY

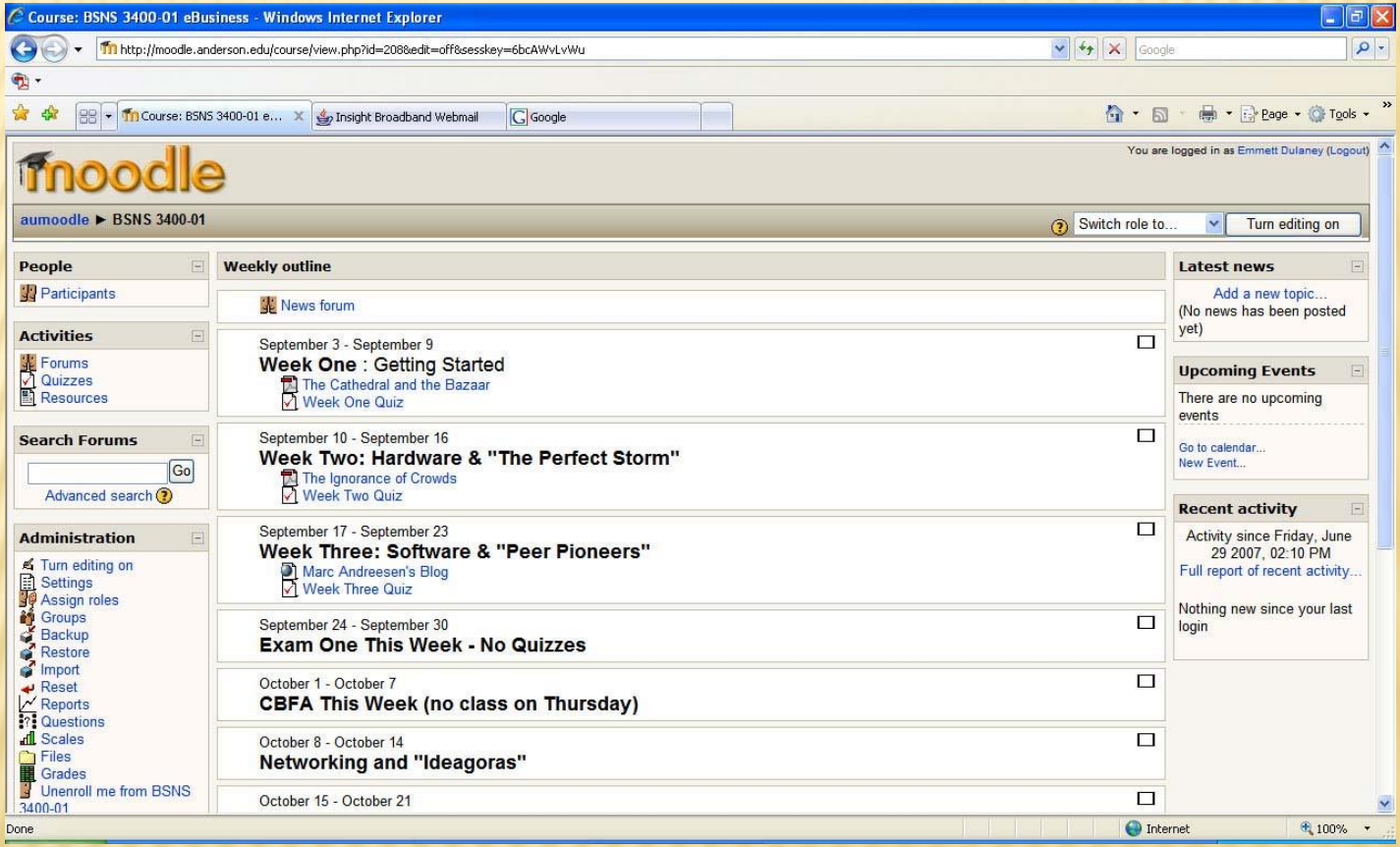


http://www.khanacademy.org

FREE RICE

http://freerice.com/#/english-vocabulary/1549

MOODLE


Course: BSNS 3400-01 eBusiness - Windows Internet Explorer
http://moodle.anderson.edu/course/view.php?id=208&edit=off&sesskey=6bcAWvLvWu
Course: BSNS 3400-01 e...
Insight Broadband Webmail
Google
Page
Tools
moodle
You are logged in as Emmett Dulaney (Logout)
aumoodle ► BSNS 3400-01
Switch role to...
Turn editing on
People
Participants
Activities
Forums
Quizzes
Resources
Search Forums
Go
Advanced search
Administration
Turn editing on
Settings
Assign roles
Groups
Backup
Restore
Import
Reset
Reports
Questions
Scales
Files
Grades
Unenroll me from BSNS 3400-01
Weekly outline
News forum
September 3 - September 9
Week One : Getting Started
The Cathedral and the Bazaar
Week One Quiz
September 10 - September 16
Week Two: Hardware & "The Perfect Storm"
The Ignorance of Crowds
Week Two Quiz
September 17 - September 23
Week Three: Software & "Peer Pioneers"
Marc Andreesen's Blog
Week Three Quiz
September 24 - September 30
Exam One This Week - No Quizzes
October 1 - October 7
CBFA This Week (no class on Thursday)
October 8 - October 14
Networking and "Ideagoras"
October 15 - October 21
Latest news
Add a new topic...
(No news has been posted yet)
Upcoming Events
There are no upcoming events
Go to calendar...
New Event...
Recent activity
Activity since Friday, June 29 2007, 02:10 PM
Full report of recent activity...
Nothing new since your last login
Done
Internet
100%

SCHOOLTUBE AND TEACHERTUBE

TeacherTube
Teach the World

KIDBLOG.ORG

kidblog.org/home/
Pin It
Facebook
Teaching Ace › Log
http://forum.teachi
http://annarbor.crai
http://shannonsdig
https://www.myuof
Other Bookmarks
Home
Why Kidblog
Blog
Support
Create a Class
Login ▼
Kidblog
Safe and Simple
Blogs for Your Students
Over 2 million K-12 students have a voice at Kidblog.
Kidblog is trusted by teachers around the world.
Set up your class for free in 20 seconds -
no student email addresses, no ads.
Create a Class!
Kidblog is free for teachers. Always.
Secret Code?
Students only!

MOBILE APPS

- Stick Pick
- Oxford dictionaries
- Teacher's Assistant Pro
- NASA
- The list is endless

THE FUTURE OF EDUCATIONAL TECHNOLOGY

POTENTIAL PITFALLS

"If technology is the 'answer,' what is the question?"
--Bates and Poole

- Expensive
- Not everyone has access
- May take away focus on learning
- Distracting
- Time Consuming
- Blocks imagination
- Safety issues
- Other disadvantages?

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