

Google™ Trends in Higher Ed

Google's view and role

Devin Regis
Higher Ed Sales
Google Apps for Education

trends in
higher education

The web has come a long way





**67.5% of
universities are
using or converting
to hosted email for
students**

Cloud-based LMS



OpenClass™ BETA



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Open.
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Discover a learning environment that goes beyond the LMS. Open to everyone. Easy to use. Completely free. Amazing.

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If I was going to design the perfect environment for a person not to learn, I'd design a...



canvas

Courses ▾

Assignments ▾

Grades

Calendar

Recent Activity



Widespread adaptability: Coral reefs may be able to adapt to climate change with help from algae

Intro-Ocean jared@instructure.com



Original article ↗

Large-scale global survey of corals using high sensitivity genetic analysis shows many coral s algal symbionts -- including some thought to help survive warming oceans.

0 messages

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Ocean acidification linked to larval oyster failure

Intro-Ocean jared@instructure.com



Original article ↗

Researchers have definitively linked an increase in ocean acidification to the collapse of oyst commercial oyster hatchery in Oregon, where larval growth had declined to a level considered by the economically viable."

0 messages

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Management and conservation of Menorca channel in Western Mediterranean: More than 600 spe only on soft sedimentary bottoms

Intro-Ocean jared@instructure.com



Original article ↗

Re-imagining the text book



MOOCs

Massive Open Online Courses

UDACITY Welcome Audrey Walters ▾

CS 101: BUILDING A SEARCH ENGINE
Learn programming in seven weeks. We'll teach you enough about computer science that you can build a web search engine like Google or Yahoo!

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CS 101: Building a Search Engine




YOU ARE ENROLLED

More content will be coming soon.
Classes start February 20th!

[SEE THE SYLLABUS ▶](#)


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 **PRINCETON UNIVERSITY**

A History of the World since 1300
Jeremy Adelman

This course will examine the ways in which the world has grown more integrated yet more divided over the past 700 years.

[Join Class](#)



Topics) **Humanities and Social Sciences** Duration **12 weeks** Next Session **17 September 2012** [+1](#) 9 [Tweet](#) 5 [Like](#) 14

About the Course

This course explores the history of the modern world since Chinggis Khan. It focuses on the connections between societies from the time of the Mongol conquests and the gradual, but accelerating ways in which connections became ties of inter-dependence. The relations between societies are what will concern us. The forces pulling the world together vary from religious to economic, political to intellectual. These forces bring the world together, but they also create new divisions. Nowadays, we call this "globalization." That term has tended to emphasize the drive to worldwide integration; the view of globalization taken in this course emphasizes disintegration as well as integration. We will tackle some very basic questions: How do we explain the staggering wealth of China in the centuries up to 1750, as well as China's recent ascent? Where did the United States come from, and where is it headed? What are the significance and legacies of empire in the world? How have world wars and revolutions shaped the international system over time? What exactly is globalization, and how does today's globalization compare with the past? How has the relationship between humans and nature changed over the centuries?



a changing
landscape

new generation
of students









Laurentius. de.
colonna dixit

enter google apps

What is Google Apps?



GMail *Huge inbox with search: keep and find everything.*



Talk *IM and Video as easy as email.*



Groups *Easily create and work in teams.*



Calendar *Make sharing calendars and schedules easy.*



Docs *Makes collaborating as easy as creating.*



Sites *Allow faculty to manage their own sites.*



Other *Consumer Apps to use for research or class engagement*

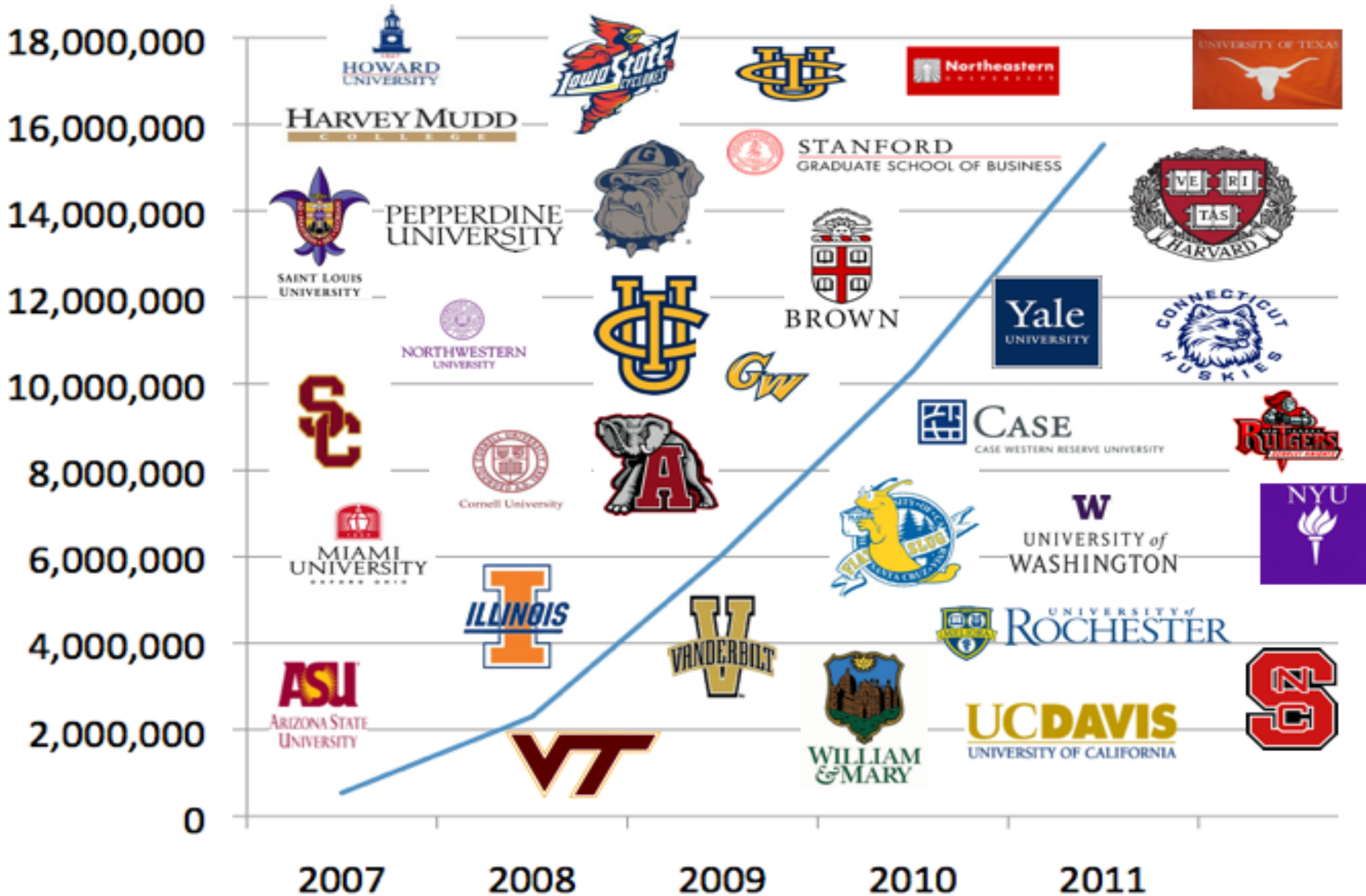
Google Apps for Education



- **Free** for all your users
- **No ads** for students, faculty, and staff
- **25GB** mail quota
- **24x7** administrator support
- Your domain name (user@yourschool.edu)
- Advanced **integration** capabilities with LMS, SIS, LDAP
- Works with 50+ Google services (Blogger, Voice, etc)



16M Active Users



why Google Apps?

IT doesn't have
to be a headache

financially compelling
access anywhere
innovation



Access Anywhere



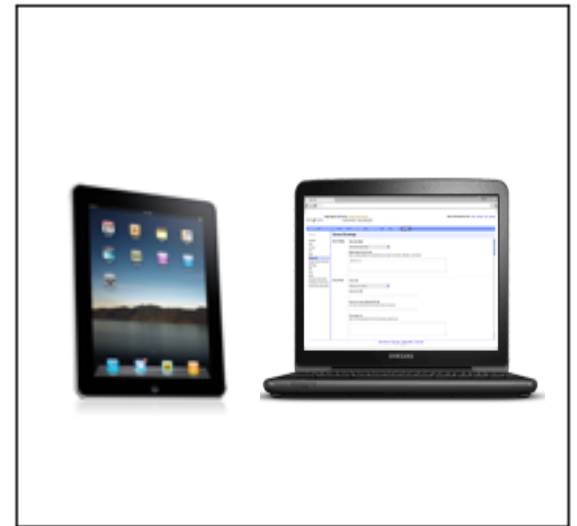
Browser



Mobile



Tablet and Netbook



use cases
in the classroom

The Results



1

Improved Learning Opportunities and Collaboration: according to the 2010 Campus Computing Survey, 54.3% of schools use Docs for online collaboration

2

Better Functionality with More Features: take advantage of Google's innovation! 211 new features were released in 2011.

3

Cost Savings: University of West Florida saves \$600K, Brown saves \$1M, UMN saves \$2-3M

Share feedback on assignments



Give the **red pen** a rest!
Instead of writing notes on papers, use **Docs discussions** to provide ongoing feedback



Any suggestions for introduction?

Adam Smith uses the metaphor in Book IV, chapter II, paragraph IX of *The Wealth of Nations*, in the often misquoted and poorly understood paragraph quoted below. Smith argues that a preference for the use of "domestic" industry over "foreign" industry to gain individual profit constitutes an "invisible" and benevolent hand which promotes the interests of the nation and society at large while at the same time enriching the individual. The individual may have a selfish motive but the use of domestic industry and labor enriches and promotes the interests of society as a whole.

“ By preferring the support of domestic to that of foreign industry, he intends only his own security; and by directing that industry in such a manner as its produce may be of the greatest value, ”



chris

9:51 AM Jul 13, 2011

you could start with an explanation of the topic and outline the direction you'll go. how will you arrive at your conclusion?



chris

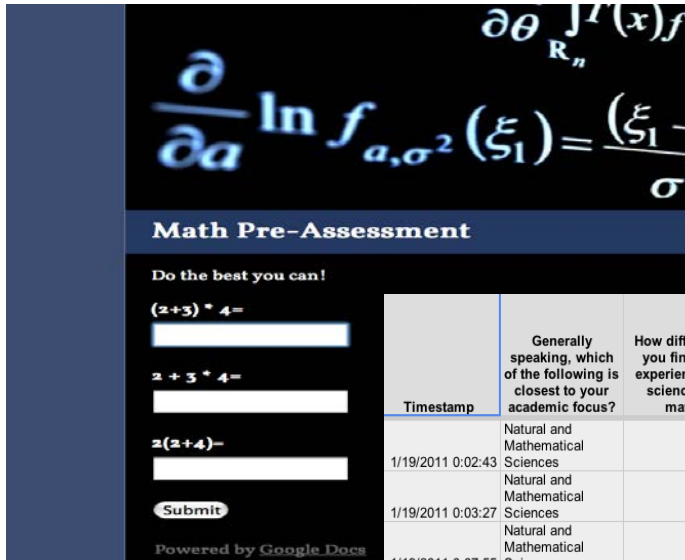
1:30 PM May 2, 2011

this section looks good.
jordan@internationalwildcats.org

Student Assessments



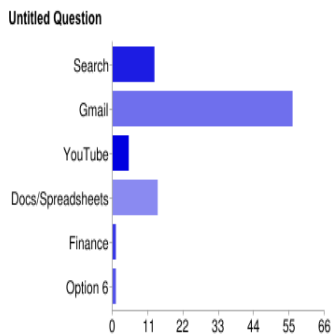
Make grading easier and faster with **Google Forms!**



Timestamp	Generally speaking, which of the following is closest to your academic focus?	How difficult do you find your experience with science and math?	How difficult do you find your experience with humanities and arts?	How do you assess the balance of the core curriculum?	How do you gauge your command of science and math?
1/19/2011 0:02:43	Natural and Mathematical Sciences	4	9	7	
1/19/2011 0:03:27	Natural and Mathematical Sciences	4	7	7	
1/19/2011 0:07:55	Natural and Mathematical Sciences	4	5	5	
1/19/2011 0:08:26	Natural and Mathematical Sciences	9	4	5	
	Humanities and	5	5	7	
		4	5	9	
		4	5	4	
		5	7	7	
		7	5	5	

Have students complete assessments and see answers automatically updated into a spreadsheet.

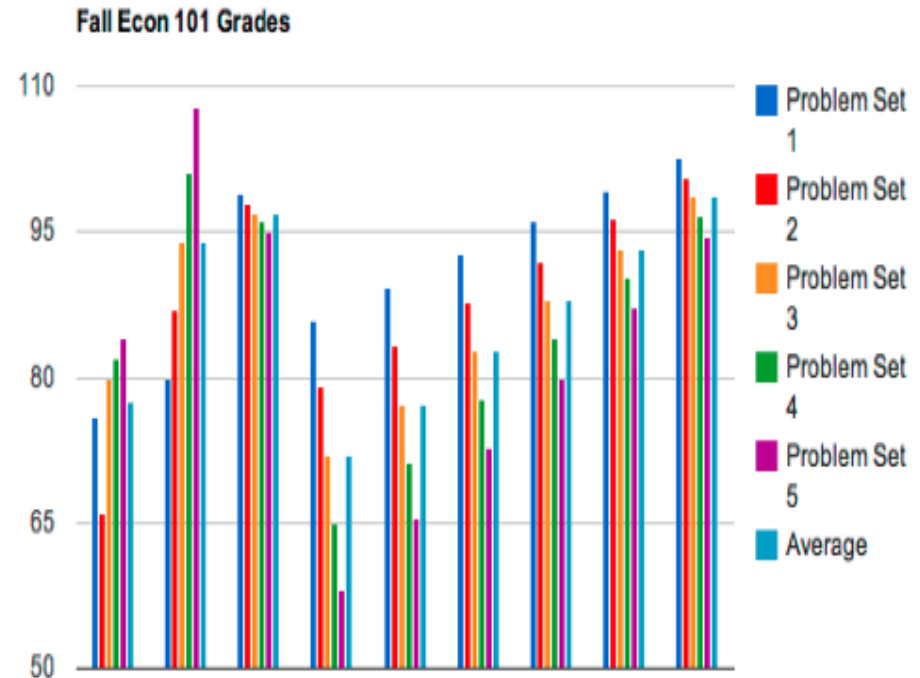
Summary [See complete responses](#)



Search	13	14%
Gmail	56	62%
YouTube	5	6%
Docs/Spreadsheets	14	16%
Finance	1	1%
Option 6	1	1%

Track assignments & grades

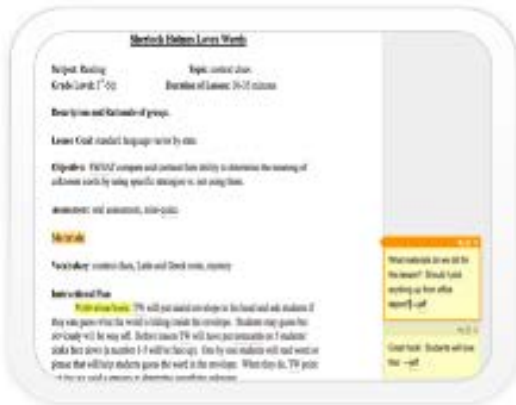
B	C	D	E	F	Average
Problem Set 1	Problem Set 2	Problem Set 3	Problem Set 4	Problem Set 5	Average
76	66	80	82	84	
80	87	94	101	108	
99	98	97	96	95	
86	79	72	66	58	
89	83	77	71	66	
93	88	83	78	73	
96	92	88	84	80	
99	96	93	90	87	
103	101	99	97	95	



Sick of students asking for grades? Create a **spreadsheet** to track assignments. Assign students anonymous numbers and they will know where they stand without having to ask you!

innovation in
educational initiatives

Innovation in our product



Collaborative Lesson Plans



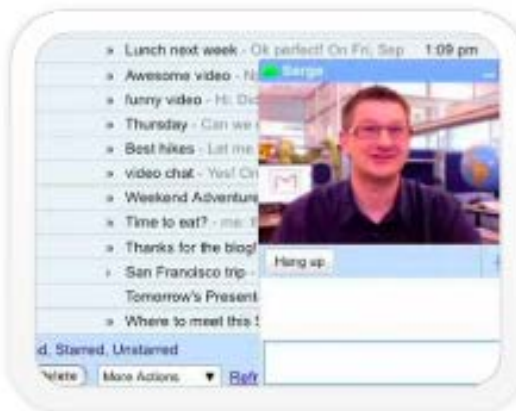
Science Projects



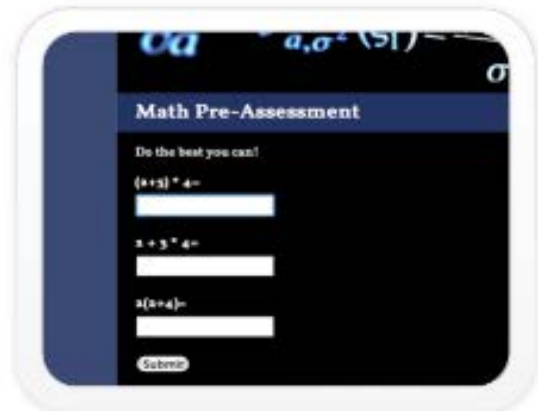
Flash Cards



Student ePortfolios



Class Lectures



Assessments

Hold office hours without anyone having to leave their home

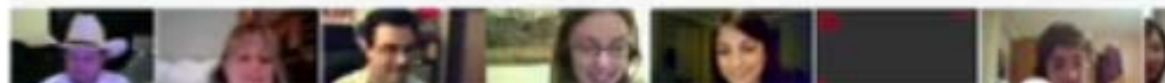


Log on and create a Hangout visible only to your students. Keep the window open from 4-6pm so students can “drop in” alone or in groups.

Hangouts allow up to 10 people to video-conference at no charge.



Work with students on other campuses or those at a distance

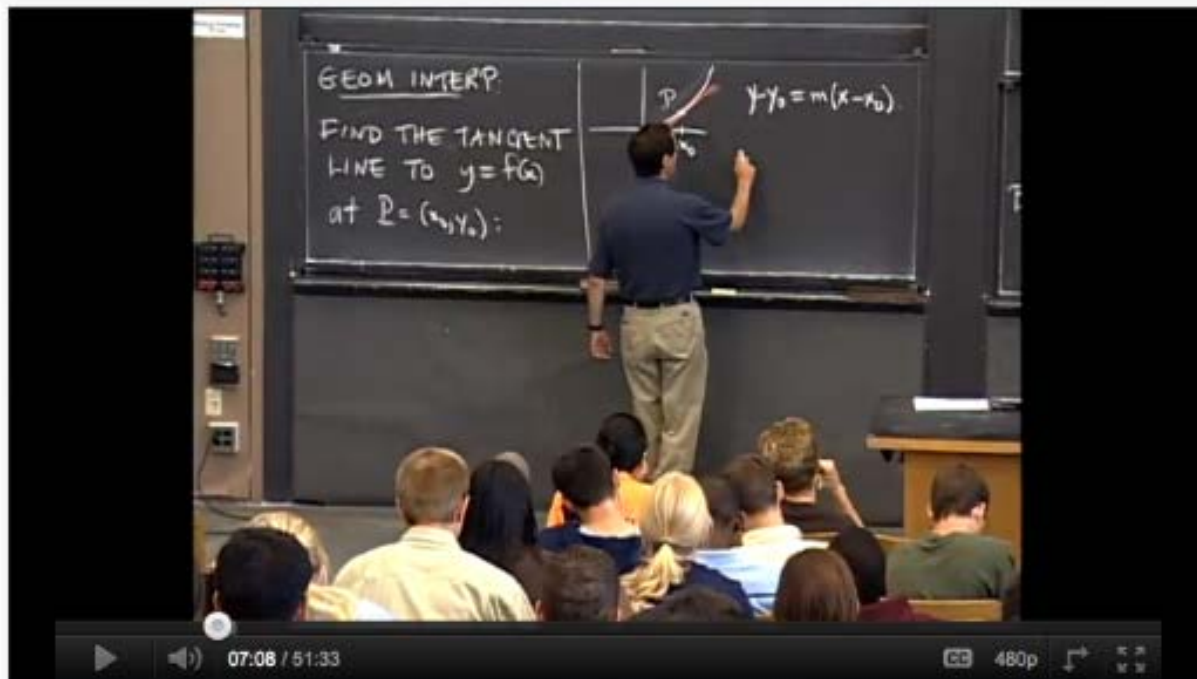


Start a Hangout for students in other locations to support foreign language development. The extra hours of face-to-face practice pay off.

In **Hangouts** the screen adjusts so that the person talking is enlarged at center to support clear exchange



Review video with students in order to re-teach difficult concepts



While in a Hangout you can share YouTube videos. For example, a video of a lecture you want to re-watch and pause for re-teaching.

Hangouts also allow you to watch and speak over YouTube videos with the other participants.



Do collaborative writing with your students or colleagues



University Debate Competition plan

Our Goals

What do we want to work on and learn the next few months?

- Tia- Experience staying cool when debating someone with an aggressive tone
- Elizabeth-
- Winy-Yan
- Josh-

Share your screen and collaborate with Hangouts with Extras

Set up a Hangout with your students to review their work. Or launch a Hangout with peers to discuss your upcoming journal article.

Hangouts with Extras also allow you to share your screen or collaboratively edit Google Docs.



Hangouts on Air



World Read Aloud Day

March 2, 2012

Hangouts on Air



EDU on Air Conference

46 different Hangouts

Chromebooks



Samsung Series 5



**Samsung Series 5
550**



Chromebox

Perfect fit for Education



Get to lessons faster
Boot cold in 8 seconds

Don't worry about charging
8-hour battery life lasts all day

Same experience everywhere
Files and settings are stored on the web

Easy to share (or not)
Personal Chrome experience
when you sign in

Google Books



Google Book Search Search Books

Geronimo's Story of His Life By Geronimo, Stephen Melvil Barnett

Page 21 Full screen


GERONIMO

sacrifice was deemed necessary. Sometimes the offending one was punished.

If an Apache had allowed his aged parents to suffer for food or shelter, if he had neglected or abused the sick, if he had profaned our religion, or had been unfaithful, he might be banished from the tribe.

The Apaches had no prisons as white men have. Instead of sending their criminals into prison they sent them out of their tribe. These faithless, cruel, lazy, or cowardly members of the tribe were excluded in such a manner that they could not join any other tribe. Neither could they have any protection from our unwritten tribal laws. Frequently these outlaw Indians banded together and committed depredations which were charged against the regular tribe. However, the life of an outlaw Indian was a hard lot, and their bands never became very large; besides, these bands frequently provoked the wrath of the tribe and secured their own destruction.

80



THE COVERED WELSH

81

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Summary

[About this book](#)

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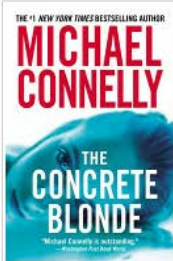
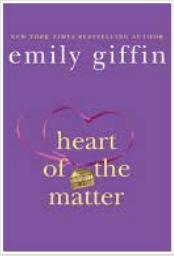
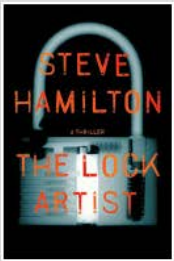
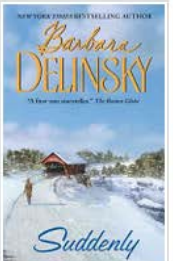
RAY BRADBURY
(1920-2012)
In memoriam

wild
Cheryl Strayed

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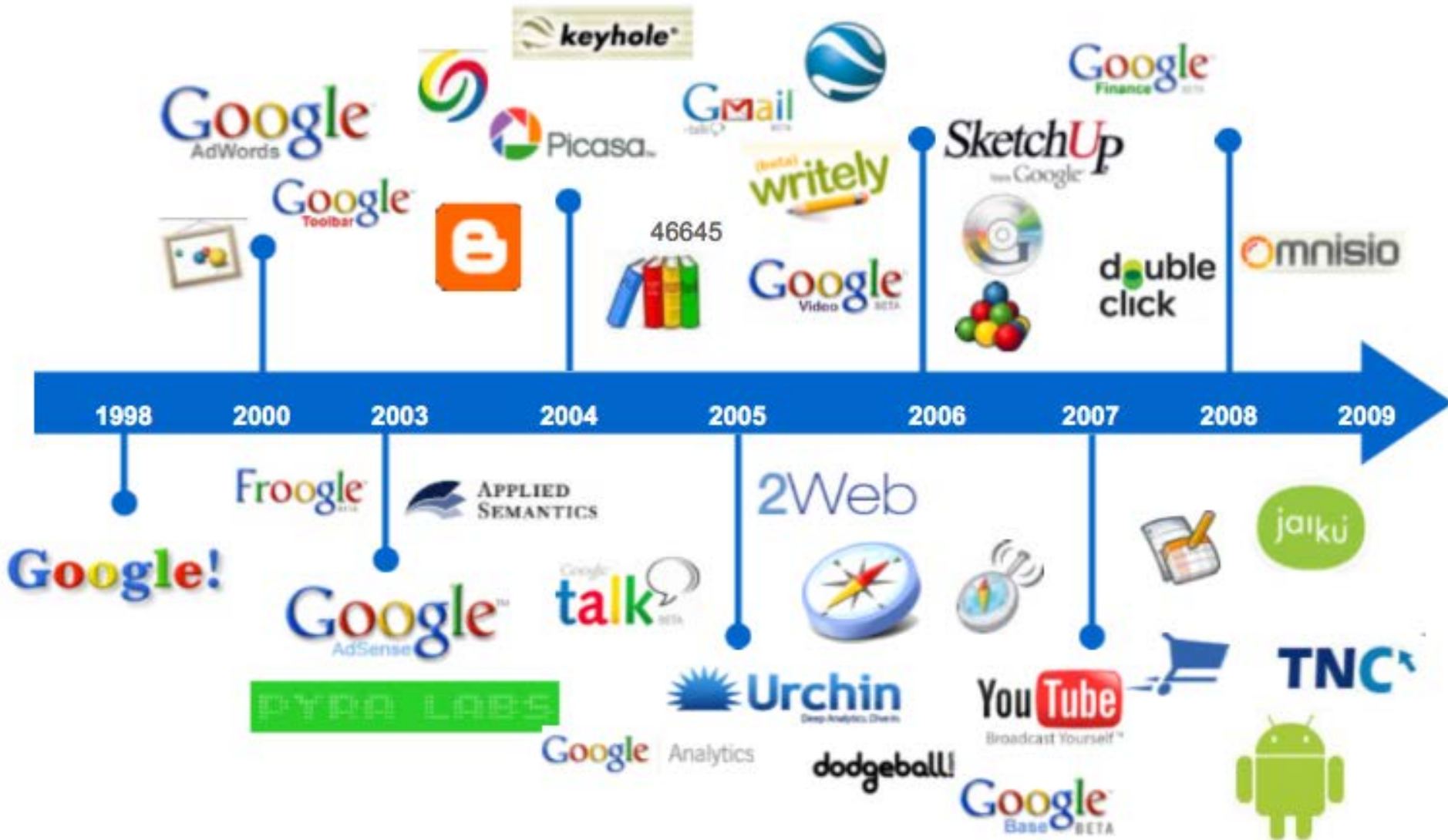
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And the arrow continues...



Questions?

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devinregis@google.com