Google in the Classroom

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http://goo.gl/IHab0

Twitter tag: #ecoo11





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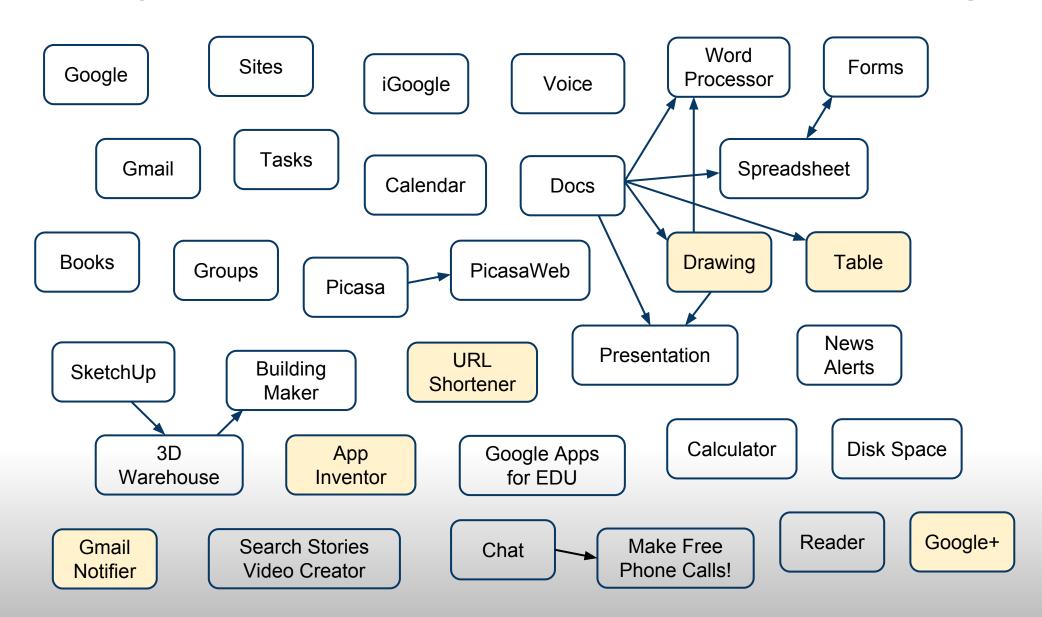
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Google is not just a search engine...

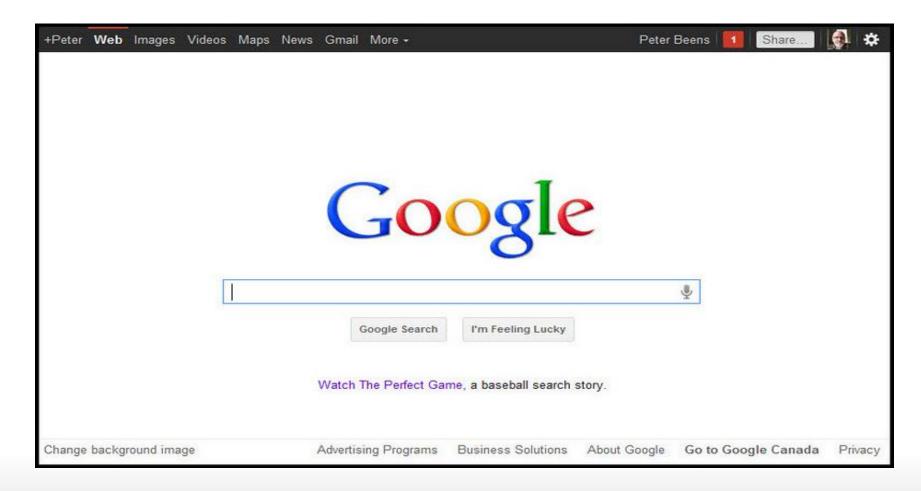


Photo courtesy of <u>Stéfan</u> (flickr, Creative Commons License)

...it's just the tip of the Web 2.0 iceberg!



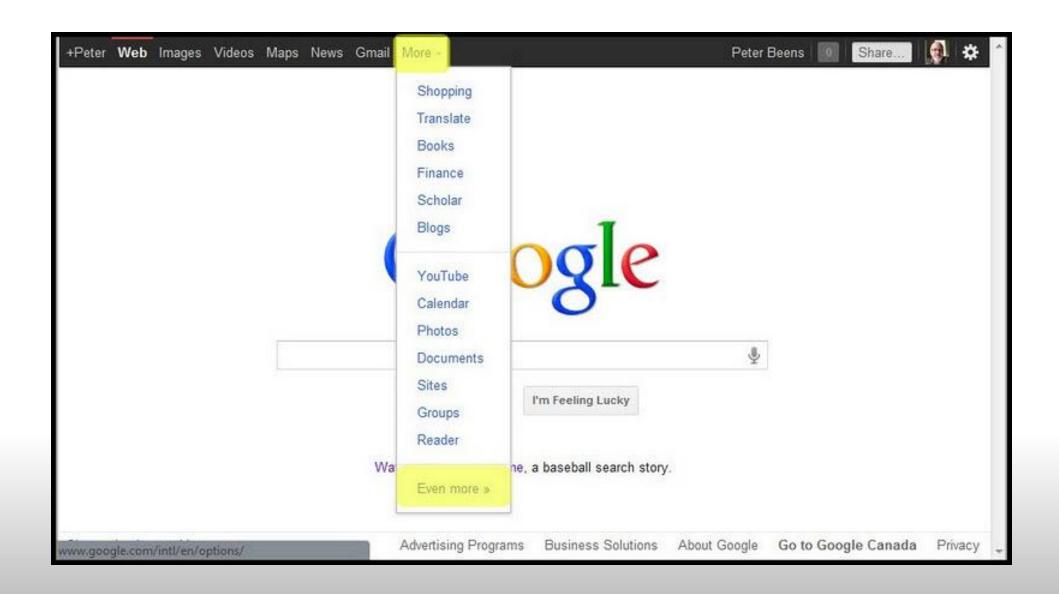
Google



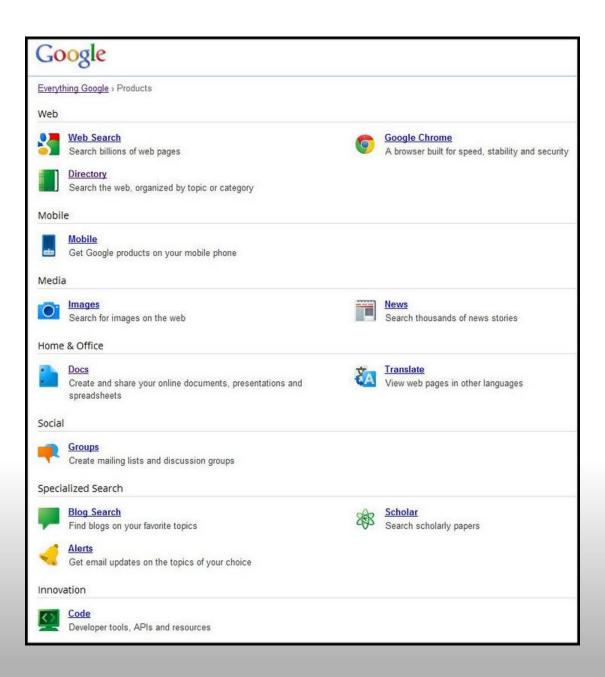
Check out some Google search success stories at http://www.google.com/insidesearch/stories.html

https://www.google.com

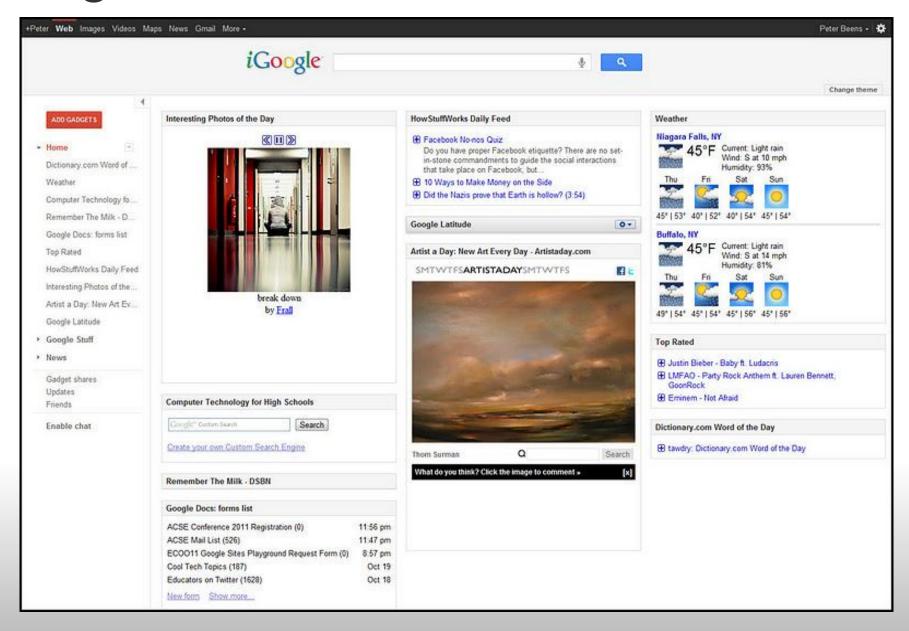
Google: more



Google: even more!



iGoogle



Gmail

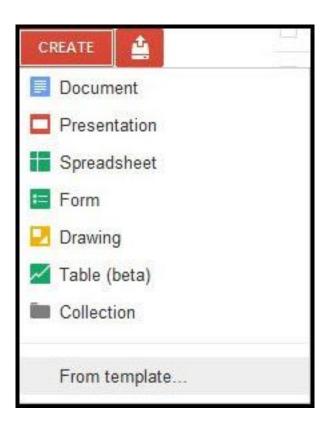
- The best email client available!
- A Gmail account becomes your Google ID (Note: you can use an alternative email address to create a Google ID, but for integration with other Google products, this is <u>not</u> recommended)
- Stars (priority)
- Labels (not folders), which can be coloured for easy identification in inbox (Note: emails can be put in more than one Label)
- Filters can be used to sort emails, forward to others, star, label, etc.
- Can optionally use a "Priority Inbox"

Gmail cont'd

- Can import from other email accounts (Hotmail, Sympatico, etc.)
- Can forward to other email accounts
- Can forward to cell phone (SMS)
 - [10-digit phone number]@pcs.rogers.com
 - [10-digit phone number]@txt.bell.ca
 - o [10-digit phone number]@msg.telus.com
 - o [10-digit phone number]@fido.ca
- Can have multiple return addresses (school board, personal)

Docs

- Word Processor
- Presentation
- Spreadsheet
- Form
- Drawing (vector)
- Table
- Fully collaborative
- Files can be private, public, or only shared with specific people or groups
- Can upload any type of file (up to 10 GB (!), if not converting to a Google Doc)

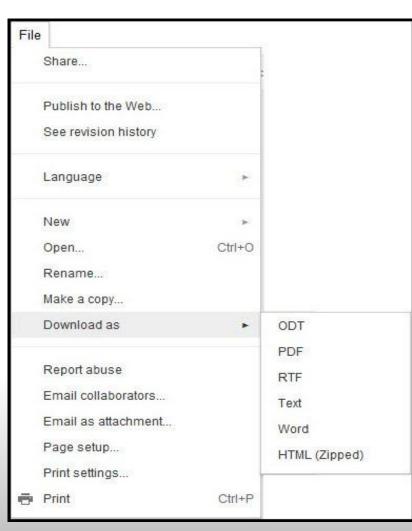


Docs: Word Processor

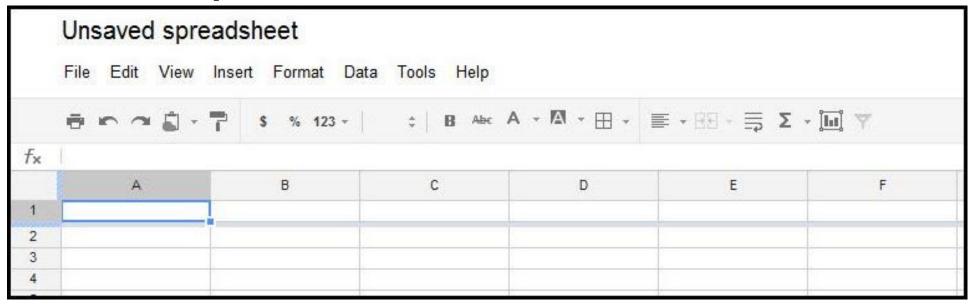


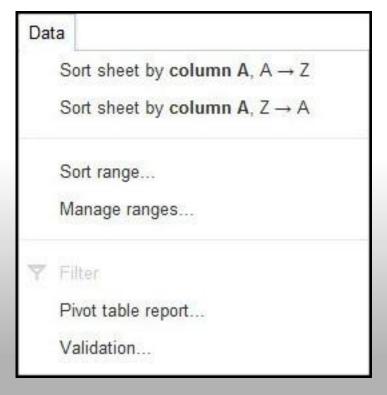
New equation $\alpha\beta\Delta = x \div \exists = x \ne 0$



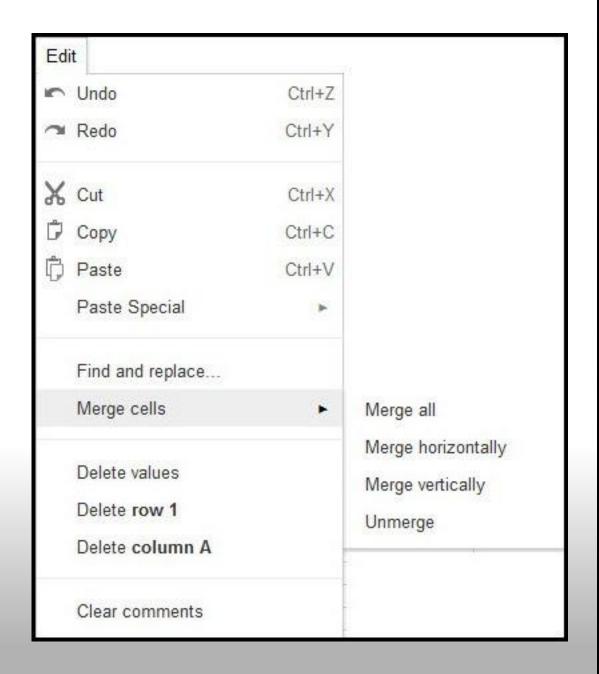


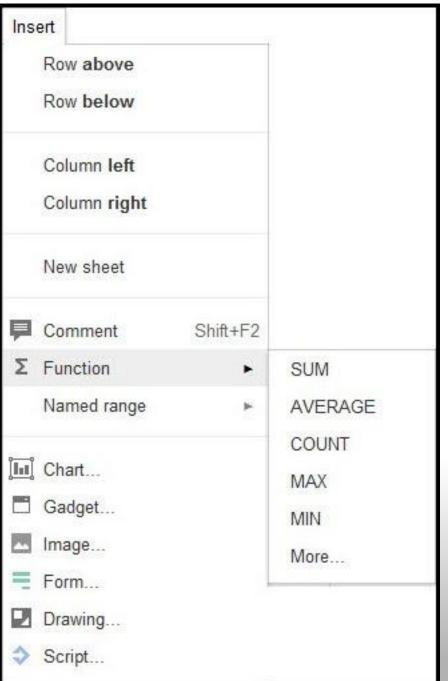
Docs: Spreadsheet



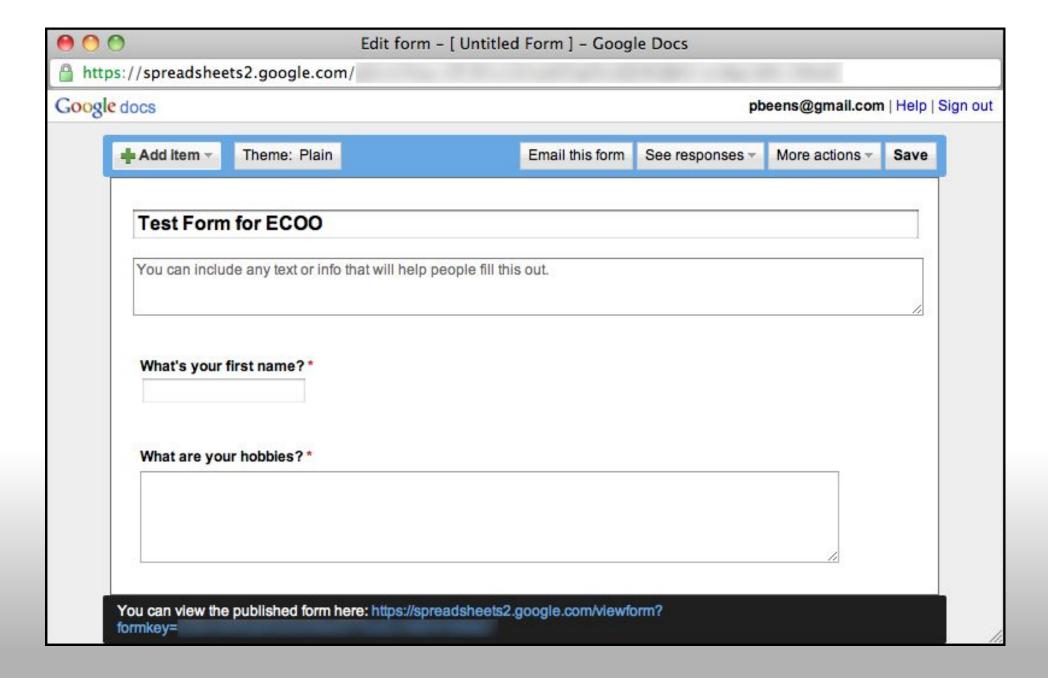


Docs: Spreadsheet (cont'd)

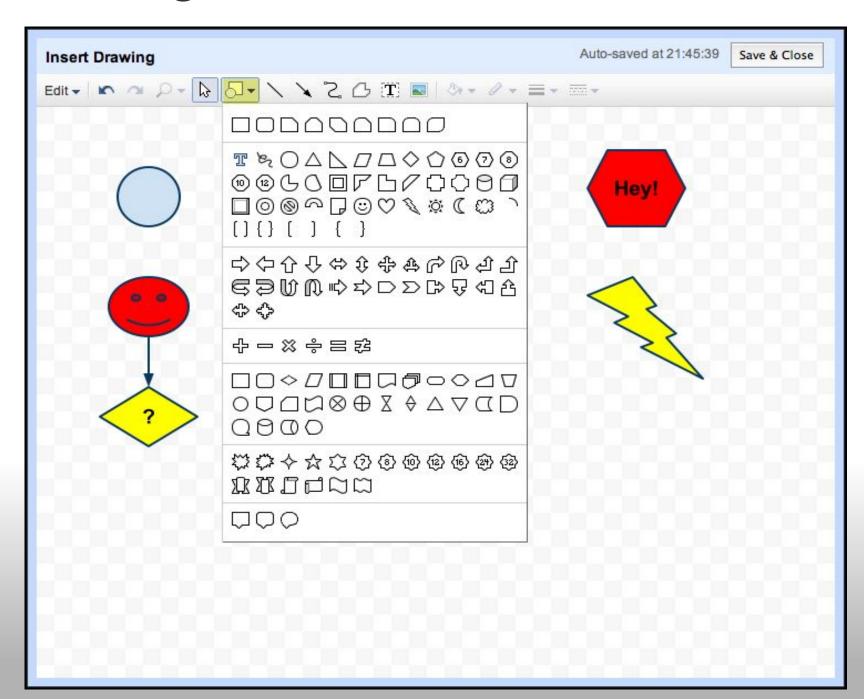




Docs: Forms

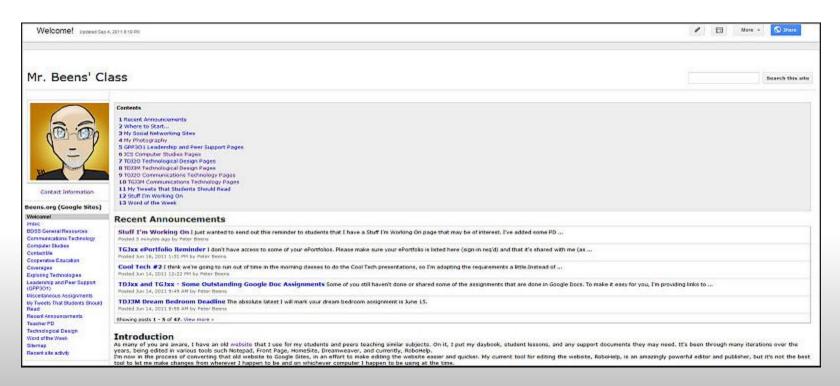


Docs: Diagram



Sites

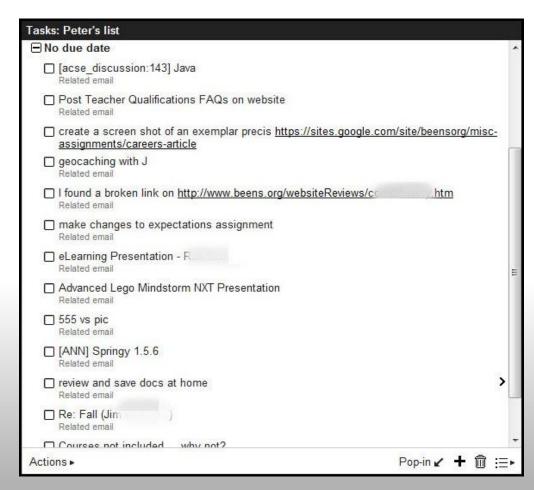
- WYSIWYG website editor
- Extremely capable and versatile!
- Can be public or private
- Collaborative (perfect for sharing with a Google Group)
- See my Minds-on-Media resources at http://goo.gl/CkUWd

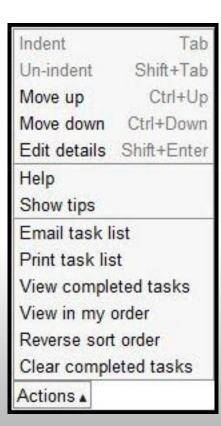


Tasks

- Built into Gmail!
- Can organize into lists (work, home, spouse, etc.)
- Access on your mobile device at <u>mail.google.com/tasks</u>



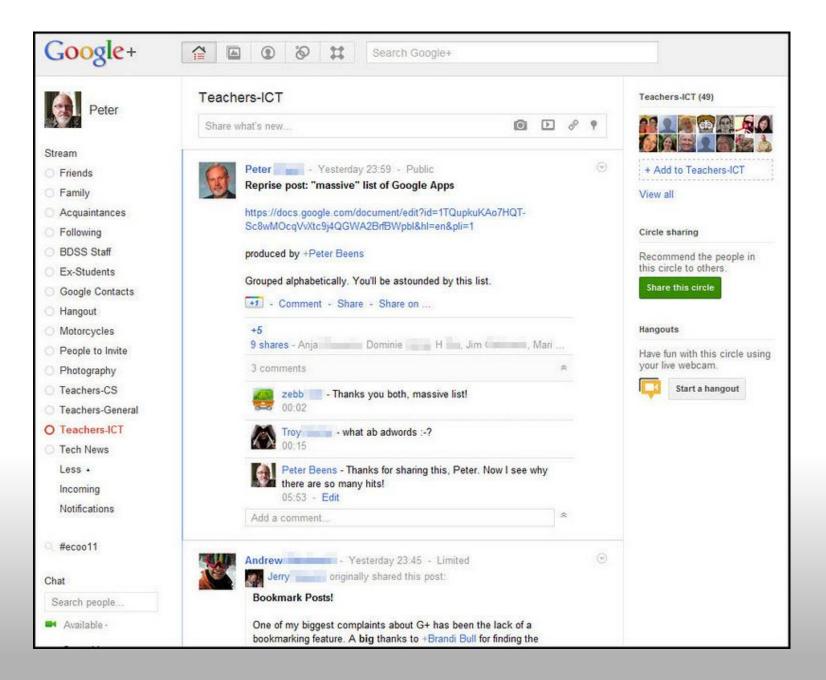






- Control who you communicate with (send or receive), via circles
- Public or private to your chosen circles, or extended circles
- Video hangouts
- Fully searchable
- Hash tags are hot links
- Previews pictures; has become very popular with photographers (no quota on photos!)
- Threads can be "muted"
- Chat feature
- Messenger service

Google+ cont'd

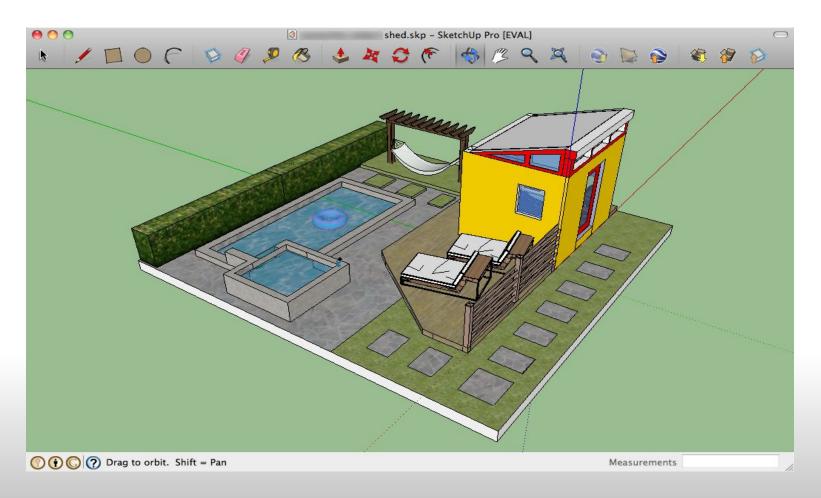


Books

- Access full copies of non-copyrighted materials, and previews of copyrighted material
- Search for specific content (and bookmark or share it!)
 - Example Search Result
- Select "Full View" in <u>Advanced Search</u> to restrict search to books that available in their entirety

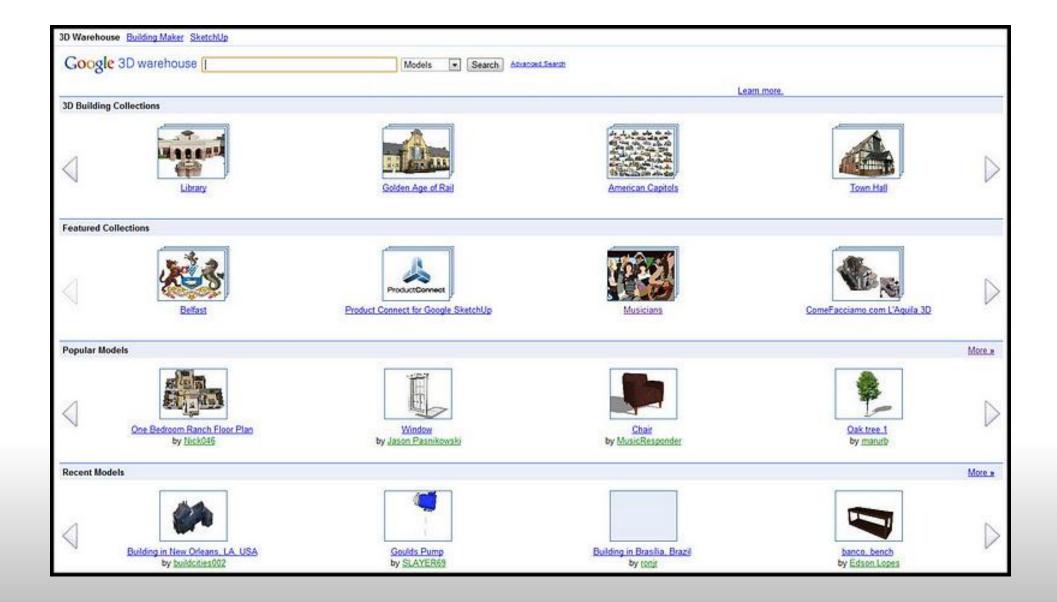
SketchUp

- For drawing 3D models and drawings
- Free and Pro versions (teachers get pro license for free!)

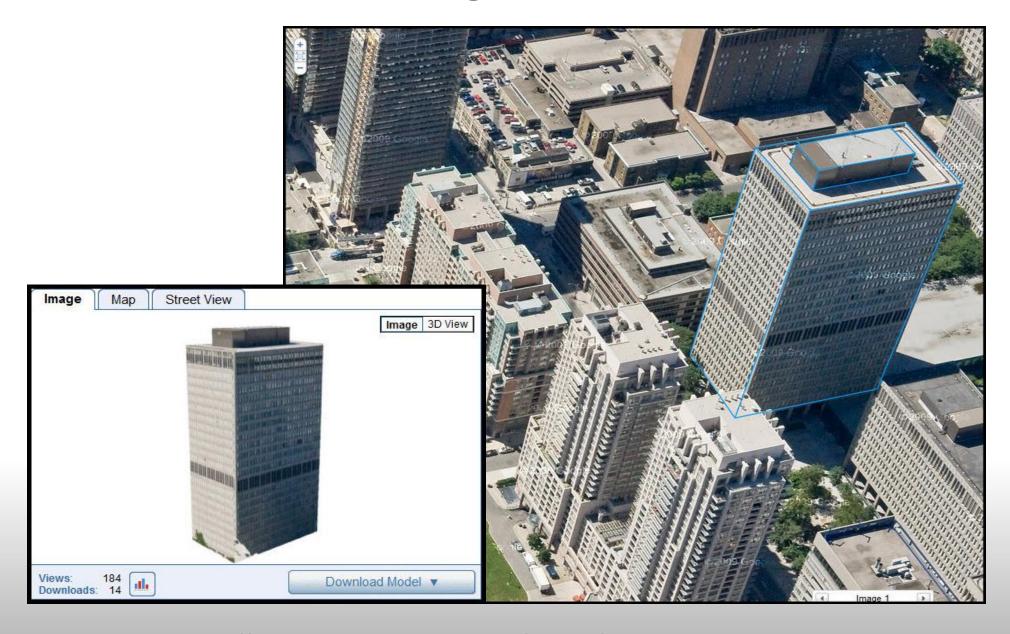


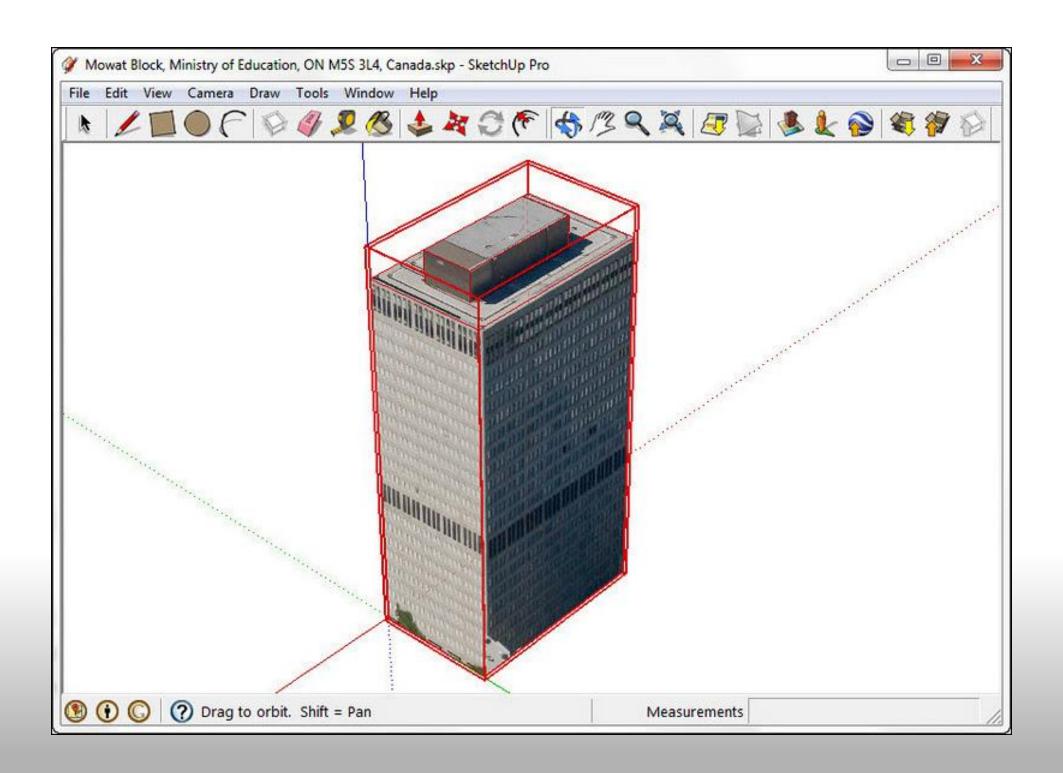
http://sketchup.google.com/
Excellent teaching resources available at http://www.3dvinci.net

SketchUp: 3D Warehouse



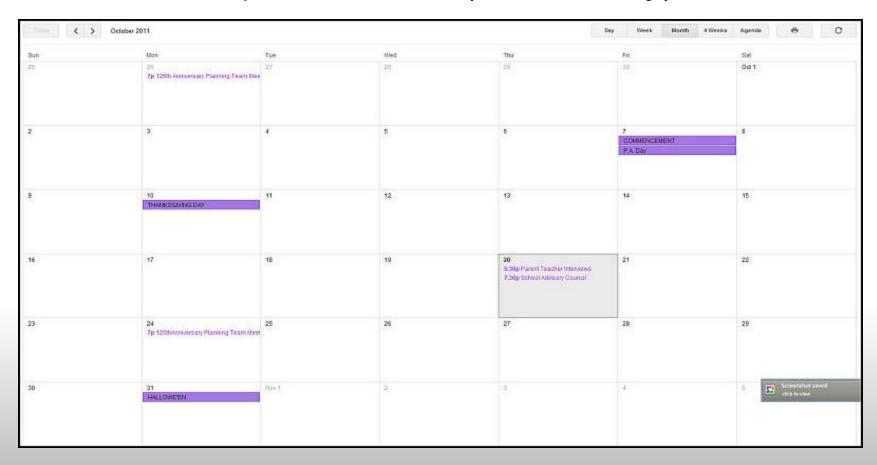
SketchUp: Building Maker





Calendar

- Can be public or private
- Can share for editing or viewing
- Can have multiple calendars (work, family)

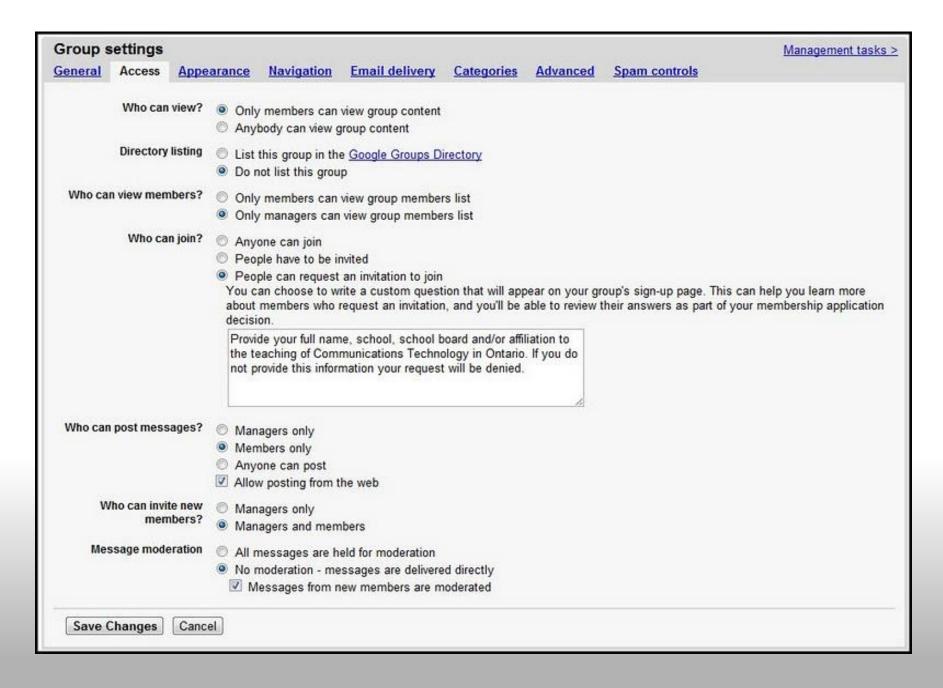


Groups

- Create private a private mailing list for your class
- Group address can be used for emailing to everyone, and to share a Google Doc for editing, viewing, or commenting
- Choice of all emails, online only, or daily digest



Groups - Access Settings



Groups - Email Delivery Settings

Group settings						Management task
General Access Appe	arance Navigation	Email delivery	Categories	Advanced	Spam controls	
Subject prefix		ide the message nu d]	mber in the sub	oject. Leave thi	s field blank to have no s	surrounding the prefix with ubject prefix.
Message footer	This text will be append Do not use a footer Use the default foot Make a custom foo	er (shown below)	messages post	ed to the group).	
	You received this mess Groups "Communication To post to this group, so To unsubscribe from the tgj-teachers+unsubscribe For more options, visit http://groups.google.com/	ons Technology Tea send email to tgj-tea is group, send ema be@googlegroups.o this group at	chers of Ontario chers@googleg il to com	o" group. groups.com		
Replies to messages	Replies are sent to Replies are sent to Replies are sent to Users decide where	the author of the m the owners of the g	roup.			
Posting on behalf of the group	While checked, membe	members of the group post on behalf of the group's email address. checked, members of the group can choose to post messages using the group's email address instead of their own ddress. Messages will appear to originate from the group itself.			ress instead of their own	
	Please note that if this made on behalf of the g		ny moderation s	settings on indi	vidual users or new mem	bers will not apply to post
Moderation notification	Send notification to	an author when a p	ending messag	e is rejected?		

Reader

- "RSS Reader" -- Bring the news to you!
- Share articles in your Reader account with your students
- Video: Google Reader in Plain English

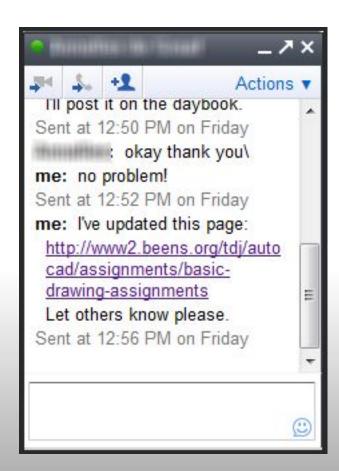


Picasa

- Excellent photo organizer & non-destructive editor
- Can tag images
- Can recognize & catalog people
- Can geo-tag photos
- Can upload to PicasaWeb
- Can email to others using your Gmail account & contacts
- Can export in various sizes
- Can make video slideshows
- Can make "faces" movies
- Can make gift CDs
- Can upload to flickr, Facebook, Blogger

Chat

- Built into Gmail
- Tip: Make sure chat conversations are "on the record"





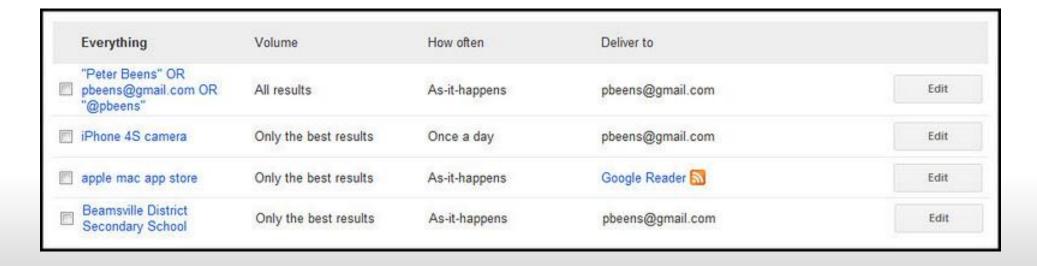
Call Phone

- Integrated into Gmail, in the Chat area
- Call anywhere in North America, for free
- Use your webcam mic and speakers or a headset
- Typical rates:
 - China 2¢ / minute (incl. mobile)
 - France 2¢ / minute (mobile: 8¢ / minute)
 - Russia: 2¢ / minute (incl. mobile)
 - Mexico: 2¢-10¢ / minute (mobile: 19¢ / minute)



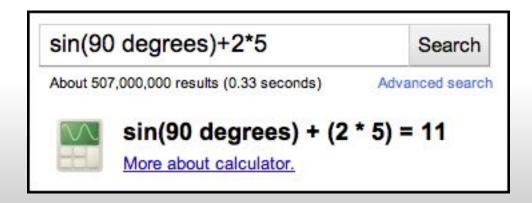
Google Alerts

- Vanity search (see who's writing about you!)
- Monitor the Web for interesting new content
- Search for topics related to your subject
- Search for your school in the news!



Calculator

- Just enter your expression in Google!
- Accepts, +, -, /, *, times, divided by, % of, mod or %, ^ or **, the nth root of, reciprocal of, sin, cos, tan (etc.), ln, log, lg, !, n degrees in radians, units of measure and conversions (lots!), numbering system conversions, physical constants, currency conversions, sunrise, sunset



Gmail Notifier

- Provides notifications when an email comes in
- Can make Gmail the default email client

Google Apps for EDU

- Let Google host your files and emails, and administer your accounts!
- Free
- Includes
 - o Gmail
 - Docs
 - Calendar
 - Groups
 - Sites
 - ∘ Maps
 - Blogger
 - YouTube
 - o ...and <u>much more!</u>

URL Shortener



Google url shortener

Long URL: https://docs2.google.com/document/edit?id=1TQupkuKAo7HQT-Sc8wMOcqVvXtc9j4QGWA2
BrfBWpbl&hl=en

Short URL: goo.gl/d387 Created: Oct 24, 2010



Report spam

http://goo.gouser.

Clicks for the past: two hours | day | week | month | all time

Clicks

709 clicks on this short URL

710 total clicks on all goo.gl short URLs pointing to this long URL

Traffic sources



Referrers

Unknown/empty	546
twitter.com	32
ecoo2010-mindsonm	18
t.co	15
www.google.com	15
echucaelearning.wiki	12
moodle.lcu.edu	11
todaysmeet.com	8
plus.google.com	7
www.facebook.com	6

Visitor profile

Countries	
United States	337
Canada	224
Netherlands	44
Spain	22
Australia	9
Ukraine	8
United Kingdom	7
Philippines	5
France	3
Russian Federation	3

-					
B	rn	18	PC.	0	re

Firefox	220
Internet Explorer	175
Chrome	164
Safari	98
Mobile	26
RockMelt	7
Mobile Safari	6
(FlipboardBrowserPro	4
(FlipboardProxy	2
Maxthon	2

Platforms

Windows	418
Macintosh	210
iPad	27
Other Unix	24
Linux	12
iPhone	12
iPod	3
BlackBerry	1
HTC	1
Windows NT 6.1	1

Link to this page: goo.gl/d387+

Disk Storage (your disk quota)

- Gmail: ~7 GB
- Docs: 1 GB, but converted docs do not count towards your space
- Sites: 100 MB
- PicasaWeb: 1 GB
- Google+: unlimited?

Need More Disk Space?



Google A-Z Google Doc

Google A-Z

Anything missing? Contact me at pbeens@gmail.com or @pbeens. Thanks!

<u>OABCDEFGHIJKLMNOPQRSTUVWXYZ</u>

0-9

+1 Button - www.google.com/+1

20 Things I Learned (eBook) - www.20thingsilearned.com

3D Warehouse - sketchup.google.com/3dwarehouse

A

A Google a Day - www.agoogleaday.com

Aardvark (purchased by Google) - vark.com

Accounts - www.google.com/accounts

AdSense - www.google.com/adsense

Ajax Tutorial - code.google.com/edu/ajax/tutorials/ajax-tutorial.html

Alerts - alerts.google.com

Analytics - www.google.com/analytics

Answers - answers.google.com (retired)

App Engine - appengine.google.com

App Inventor - appinventor.googlelabs.com

App Spot - www.appspot.com (forwards to App Engine)

Art Project - www.googleartproject.com

B

Blog - googleblog.blogspot.com

Blogger - www.blogger.com

Body Browser - bodybrowser.googlelabs.com

Bookmarks - bookmarks.google.com

Books - books.google.com

Breadcrumb - breadcrumb.googlelabs.com

Browser Sync - www.google.com/tools/firefox/browsersync/ (retired)

Buzz - buzz.google.com

C

Calculator - www.google.com (just enter the numbers to calculate!)

Calendar - calendar.google.com

Chart API - code.google.com/apis/chart

Checkout - checkout.google.com

Chrome - chrome.google.com

Chrome Experiments - www.chromeexperiments.com

Chrome OS - www.google.com/chromeos

Chrome Remote Desktop - chrome.google.com/..../detail/gbchcmhmhahfdphkhkmpfmihenigjmpp NEW

Chrome Web Store - chrome.google.com/webstore

Chromium - www.chromium.org/Home

Chromium OS - www.chromium.org/chromium-os (see also Chrome OS)

Cloud Connect for Microsoft Office - tools.google.com/dlpage/cloudconnect

Cloud Print - www.google.com/cloudprint NEW

Code - code.google.com/

Code University - code.google.com/edu

Codesearch - www.google.com/codesearch

Computational Thinking - www.google.com/edu/computational-thinking

Correlate - www.google.com/trends/correlate (was correlate.googlelabs.com)

Coupons - code.google.com/apis/coupons/ (retired)

Computer Science for High School - www.cs4hs.com

Crisis Response - www.google.com/crisisresponse

Custom Search Engine - www.google.com/cse

D

Dart - www.dartlang.org NEW

Dart for Publishers - www.google.com/doubleclick/publishers/dart.html

Dashboard Widgets - www.google.com/macwidgets (Mac only)

Directory - www.google.com/dirhp

Diversity@Google - www.google.com/diversity

Docs - docs.google.com

DoubleClick - www.google.com/doubleclick

Thanks!

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Web: http://www2.beens.org

Blog: http://blog.beens.org

Twitter: http://twitter.com/pbeens

Flickr: http://www.flickr.com/photos/pbeens/



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