

Google™ mania

& Web 2.0 Educational Tools

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Googlemania and Web 2.0 Educational Tools

Google Search Demo:

Do a search for the topic "global warming"

About 28,400,000 results

Timeline:

Now click on Timeline to see the history and amount of articles written on a timeline...then click in the time period since 2000 to see in more detail when they were written...and then since 2010 to see how it narrows the search of articles.

Wonderwheel:

Help your students narrow their topics using the "mind mapping" technique on the computer to find their resources.

Images: (with various colours); Videos; News; Blogs; and more.

Movie: The King's Speech; calculations $187 \times 439 =$; weather Phoenix

Use Advanced Search techniques:

Teach your students the search techniques that include country codes, extensions (.com for commercial, .edu for educational, .gov for government sites, etc.) as components to be added to the domain name to narrow their searches...and what terms to include or exclude. Try searching:

William Kate Royal Wedding

1,490,000 results

Adding *site:uk* to see what is offered from the United Kingdom!

About 240,000 results

Adding *thetimes.co.uk* the domain from one of their newspapers

About 44 results

Google Apps for Education:

gMail and Googles Apps for Educators sharing of Google documents, spreadsheets, calendars, forms, video chat, and more.

Video: <http://sites.google.com/a/adamscott.ca/www/google-apps-netbooks>

Google Maps:

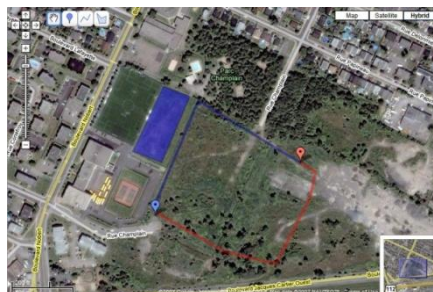
Project for Marketing or Entrepreneurship class to focus on Location & Competition of their product/service/business.

Getting started with Google Maps this link will help teach you:

http://www.google.com/educators/start_maps.html

Here is what a Mashup map might look like:

http://www.communitywalk.com/calgary/alberta/my_first_neighbourhood/map/140666



Web 2.0 Tools:

We are teaching 'Digital Natives' like Abbey
http://www.youtube.com/watch?v=7_zzPBbXjWs

Prezi Presentation on Web 2.0 Tools
<http://prezi.com/obqzirjhtf-q/web-20-in-the-classroom/>

Wikis in Plain English:
<http://www.youtube.com/watch?v=-dnL00TdmLY>



Toolbox of Tools for Today's Teaching & Learning Professionals:

1. **Web Browser**—gives you access onto the web.
 Firefox, Google Chrome, or Internet Explorer

2. **Social Bookmarking Tool**—stores your bookmarks online and categorizes them and able to share with others.
Del.icio.us is the leading social bookmarking tool.



3. **Blogging Tool**—personal and professional blogging is now considered mainstream activity.
Wordpress seems to be the favourite blogging tool.
 This is now a sophisticated tool with many plugins available to embed resources...and is easy to use.
Google's Blogger is also a favourite. *Buddypress* also.



4. **RSS/Feed Reader**—Have the news or blog updates of your choice sent to you!
Google Reader is the most popular online feed reader and also lets you share postings with others. *Bloglines* is another favourite online feed reader.

5. **Micro-blogging Tool**—allows students to add comments to a busy classroom where they might be nervous to speak up or when time doesn't allow questions or comments.
Twitter allows up to 140 characters to allow you to communicate and keep up-to-date with what your contacts or students are doing or what is happening in the world of interest to you.



6. **E-Mail**—is now recognized and understood communication tool. Do you want web mail or a desktop client?
gMail is an efficient webmail service that provides you with tons of free storage space—and no worrying about spam and viruses. *Outlook* is a well-respected commercial desktop e-mail client and is part of the Microsoft Office Suite.

7. **Instant Messaging Tool**—almost as common as e-mail.
Skype provides an easy way of not only text messaging but also free computer-to-computer voice calls—with low charges out to



landlines as well as Skype from landlines.

8. **Personal Productivity Tool**—helps with your productivity by helping you work more effectively and efficiently.

Google Calendar allows you to share your personal calendar and makes scheduling meetings and other events an easy process. *Evernote* is another leading productivity tool that allows you to capture, clip, and share notes on the web and works with nearly every computer, phone or mobile device out there.

9. **Mind Mapping Tool**—is great for organizing your thoughts or just brainstorming with students—either on your own or with others.

FreeMind is an open source, desktop mind mapping tool. *Bubble.us* is a web application where you can create mind maps online, share your work, embed them in your blog or website, e-mail or print them. *Google Wonderwheel* also allows you to create mind maps while searching for information and narrowing your topic. *Wordle* generates “word clouds” from text you provide. The clouds give greater prominence to words that appear more frequently in the source text.



10. **Presentation Tool**—a fundamental tool for students and teachers in class or workshop presentations.

Powerpoint is the most well-known desktop tool as part of the Microsoft Office Suite and is the basis for a number of other tools in this Toolbox. *Prezi* is a new breed of dedicated online presentation tool and is becoming very popular. Presentations are created online and are downloadable with an upgraded product.

11. **Presentation Sharing Tool**—are used to host Powerpoint and other desktop software online and allows sharing them with others.

Slideshare allows you to synchronize your presentation with an audio file to create a narrated presentation. *Voicethread* allows you to create an audio slideshow and comments can also be left by others.

12. **Online Office Suite**—allows you to work collaboratively on documents, spreadsheets, or presentations with your colleagues or among student groups. These can also be shared more widely.

Google Docs is the most popular of the office tools. You can start from scratch on a document or upload an existing content document created in MS Office. *Zoho* is another online suite with a large range of productivity and collaborative apps.



13. **Web Conferencing Tool**—lets you present to a group of individuals, browse the web and even share your computer screen. They also provide a chat backchannel.

Dimdim is the most popular free, open source web conferencing tool. *Elluminate* is used often for sharing and webinar materials.



14. **Screen Capture Tool**—if you want to capture a screenshot or image to be used for a learning resource.

Snagit is the most popular screen capture tool. *Jing* is a free always-ready program that instantly captures and shares images and videos.



15. **Survey Tool**—survey your students on their understanding of a topic or colleagues on a decision to be made...instead of using expensive "clickers".

SurveyMonkey and *PollEverywhere* seem to be popular choices. *PollEverywhere* allows you to display choices using an LCD in real time. *ChaCha 242242* on your phone to ask a question.



16. **Web Authoring Tool**—if you want to build a web site, without knowing HTML, there are tools to help you.

Dreamweaver (Adobe) is a powerful desktop web authoring tool. *Google Sites* is a free online tool to create simple, secure group web or wiki sites.

17. **Wiki Tool**—support collaborative working and learning environments. A number of users can edit a page and thereby create a collaborative document.

PBworks is a favourite among workplace learning professionals. The basic version is free. *Wikispaces* is strong in the educational world.



18. **Image/Photo Tools**—for hosting pictures or making changes to pictures.

Flickr allows you to host your personal or professional picture collection. It is also a great source of copyright-free images. *Photoshop* (Adobe) is a photo imaging tool designed for professional photographers.



19. **Audio/Podcasting Tools**—for creating and listening to audio files and podcasts (MP3 audio files) iPod + broadcast = Podcasting

Audacity is a free, open source, downloadable tool that makes recording and editing audio very simple. Although many web pages have embedded audio players, *iTunes* is a must-have audio player that allows you to subscribe to podcasts.



20. **Video Tools**—is a powerful medium for presenting information or instructions of all kinds.

YouTube is a favourite resource for finding videos. It is also very easy to upload your own videos and share them with others. *Blender* is another great tool.



21. **Personal Dashboards**—are start pages that allow you to aggregate all your digital resources—mail, RSS feeds, videos, etc.—in one place. You can also design the layout and look of your start page.

The two most popular, free start page tools are *iGoogle* and *Netvibes*.



22. **Course Management System**—lets you manage learners and their use of course content. The system of choice for many learning professionals—both in education and in the workplace—is the free



open source platform, *Moodle*. In addition to core course management functionality it also includes some social media tools like discussion forums, blogging and wiki tools. Our school district has installed *Sharepoint* and is very well used with teachers, students, and parents.

23. **Social Networking Tool**—allows members to communicate with others and keep up-to-date with what they are doing, sharing pictures, videos, etc.



Facebook, *LinkedIn*, and *MySpace* are the most popular public social networking tools. There are also private social networking online platforms such as *Ning*. *NBEAConnect* and *Classroom 2.0* are popular *Nings* for Business Education teachers



24. **Demo/Screencasting Tool**—to create a software demo or other screencast. *Camtasia* (Techsmith) and *Captivate* (Adobe) are the most popular commercial tools. *Jing* (Techsmith) is a free program that captures and shares images & videos.

25. **File Synching Tool**—the days of carrying USB drives and worse, e-mailing yourself files, are long over. There are a number of fabulous web tools that offer a range of simplicity and functionality that will allow you to share your files between work, home, laptops, cellular devices, and more.

Dropbox allows you to create a similar folder on all your devices where you can keep your latest files—access your files at any time on the *Dropbox* web site. *Skydrive* also.



26. **Student Learning Aids Tool**—creating flash cards for review or slower learners. *Quizlet* allows you to create flash cards that students can even access on their phone.

27. **Reference Tool**—reference site for technical topics. *HowStuffWorks* is a site that will help you with your questions.



Notes for Other Tools: