

Google is Cool!



Google™

Cool Things You Can Do With Google

Google Search

I'm Feeling Lucky

ITECH Conference 2009

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Google Search Tool: (Pages 3-15) in Google Tool Book

Google Search Tricks: You can search for more than just websites: Try this....Use the link above. If you click on the magnifying glass it will open a new window.

1. **Calculator:** *Type a calculation and press enter. Where? In the Search Box. (Use the Asterisks (shift + 8) for the multiplication symbol and the slash (under the question mark) for the division symbol.*
2. **Conversion Tool:** *Try something similar to one of the following and press enter: Be sure to use the word "in".*
 - o 1 mile in feet
 - o 1 cup in tablespoons
3. **Dictionary:** *Type "Define:" and then the word you want defined:*
 - o define: pragmatic
 - o define: congruent
4. **Weather:** *Type the word "weather" and then the city (or city and state) then press return to see weather conditions for the next 5 days.*
 - o weather Wichita
 - o weather Burlington
5. **Flight Search:** *Enter the airline, or the airline and your flight number and press return to see the flight status.*
 - o American 5234
 - o AA 5324
6. **Movie Search:** *Enter "movie" and your zip code and press return. This will list of theaters, movies, times, and even reviews!*
 - o movie: 67226
 - o movie: 52501
7. **Power Points:** *Would you like to find PowerPoint Presentations? Here is how.*
 1. Go to: www.google.com
 2. Click on "Advanced Search" link at the right of the search window.

3. *In the "Advanced Search area:*
 - a. *Enter the desired search terms. (These may be key words of topics you will be teaching soon.)*
 - b. *Choose the File Type-Microsoft PowerPoint*
 - c. *Click the "Advanced Search" button.*
 - d. *This will return a list of Power Point files.*
 - e. *To view the PowerPoint you can either save the Power Point and open it that way or if you do not have Power Point you can click "View HTML" link.*
8. **Assignment: Try all the search tricks, download a Power Point of your choice and post it in your assignment link. You will need to click send for final marking after you have uploaded the Power point.**

Part 2: Creating a Custom Google Search Engine.

Want to limit the sites your students can search? You can create your own Google search Engine that will search only the websites you choose.

Here is the scenario for the teacher: Your fellow teachers or work colleague suggested a great site to use with your students or members at work. The URL looks like this:

<http://moodle.gpaea.k12.ia.us/course/editsection.php?id=64>. Are you up to the challenge of having students struggling to type in this wonderful web address? And other's like this? If this was me I would have taken the time to go to the lab and bookmark it for each student machine. You do have to realize that not everyone is networked.

How would you like to avoid that and make a book mark for every student from your home or classroom before you hit the lab. Here is the solution....

Your Own Customized Search Engine for Free! !!!

OK-Here is how:

1. www.google.com > Click on more>click on even more

2. Click on Custom Search :  Custom Search^{New!}
Create a customized search experience for your Class or project.

3. Click on Create Customize Search Engine

4. You will need to Log-into your google Account that you created earlier.

5. Follow the Steps: Give your Search Engine a Name: Like Horace Mann Elementary or Mrs. Brown's

Site, OHS English Department, etc.

6. Give the site a description: GT Learners or TAG

7. List some Key word Searches to help locate it.

8. Click here next and decide how you would conduct your range of searches.

What do you want to search?

- Only sites I select. (This would be your choice depending on the age of students)
- The entire web, but emphasize sites I select. (Click on the Choice that suits you)
- The entire web. (This would depend on the level of security you have in your system)

9. Add Sites to your list by copy and pasting links.

10. You can also invite up to 100 people to add sites to your search engine.

11. You can add, delete, sites or collaborators to your site.

12. Check the option for non-profit and educational organizations to avoid adds.

<http://tinyurl.com/biyaks>: A Teacher Made Example

Part 3: iGoogle and Google Gadgets

www.Google.com/ig

Igoogle is the new updated version of the typical google home page. This page allows you to bookmark and add gadgets to your igoogle page. If I were you I would read the new changes they have added to igoogle. You will not see your igoogle page until you log in to your Google account on the above link. Then it is time to have fun and personalize it.

1. Log Into "igoogle" you will find www.google.com and find the link by the sign in at the top of the Google home page.
2. "Add Stuff" find and play with Google Gadgets that you would like to have like "PacMan" the Weather Radar or Your Daily Horoscope. There are long long list of "gadgets".
3. The Most Important I want is for to add is your own custom search engine. (You will find the link to add your own custom search engine on your custom search engine page. You need to be looking at your custom search engine page and at the bottom you will find a small graphic that say +Google click on it and on the next screen click on the add gadget. Then your own custom search engine will show up on your igoogle page.)
4. You will not see your igoogle page unless you log-into your Google account.

Part 4: Google Docs or Wikis (Google Tools Book) Pages 107-111

This is a test I give my students about Parts of rocket. Publishing this allows me to post, hotlists, tests or quizzes for my students that I can make ahead of time and post to this site. It is easier then loading it on every machine. I just have to provide the website. (Which I add to my custom search engine!)

Click Here! http://docs.google.com/Doc?id=df4dm88_0hhvsfxg3

Guess where I post the Website? That's right in my custom search engine.

Part 2: Google Docs

Docs

Assignment: Part 1: Type up a quiz, survey, or information for your students or use one that you already have on a topic of your choice. Click on Google Docs and log-in to your Google-account. **Upload a quiz or document that you have already created or would like to create. To allow something to post you must click the "for public viewing" option for me to be able to check it and read it!!**

Huh? 🤔 How do I post it for public viewing? Once you are logged into and are looking at your Google Document

1. Pull down the Share TAB and choose "Publish as a web page"
2. Next choose Publish Document Button.
3. Finally click to choose how you would prefer to show your Google document. If you want the page to automatically re-publish when changes are made.
4. Last Copy the link and post it in the assignment link at the bottom of this block.

Tip: Did you know that you can ask someone to collaborate with you on your Google document? This means that you can ask someone or someone's to add or edit things on your document on-line. The person or persons could be next door, down the hall or out of the country as long as they have internet access. This is what you would call a Wiki!

Group Activity: Google Docs: You will receive an invitation from me: How could you utilize the sharing of documents for a collaboration method for professional development, business purposes or personal use. All workshop members will add to the same document. You will not be able to add to the document until you accept my invitation.

Finally: Don't forget to invite me to collaborate with you on your document. You will also find that under the share tab and choose "invite a friend" a pop up window will appear and then type in my e-mail address heidi.bradford@gpaea.k12.ia.us and send the message. There is a limit of only 100 people can view the document at the same time.

Part 5: Google Earth



Create a Place Mark	Take A Tour
Create a place mark in Google Earth and learn how to include relevant information including links to websites, videos etc.	Students will create a tour of place marks within Google Earth allowing users to view points of interest including image, links to websites, video, audio clips, etc.
Create a place mark in Google Earth. You can also customize your icons.	Create your own tour of Place Marks. It will save as a kmz. file.

😊 You will need to download Google Earth to complete this activity here is the link. It is a free download. Unless you want to purchase the business version. Personally I just use the Free Version that is enough for me. <http://earth.google.com/> Remember when you download Run Run Run don't click save!

😞 Having Troubles?:

- Yes! Atomic Learning Also Has Google Earth Tutorials!

Finish Up with Google Sites

Quick facts

Single-click page creation Creating a new page for your Google Site just takes the click of a button.

No HTML required Creating a Google Site is as easy as editing a document, which means there's no markup language for you to learn -- just get started.

Make it your own Our customization options let you give your Google Site your own look and feel

Get started with templates We offer a growing list of page types -- web page, announcements, file cabinet, dashboard and list -- to help you get started with your Google Sites pages.

Upload files and attachments Use the file cabinet to upload files up to 10MB in size. Each Google Apps account receives at least 10GB of storage in Google Sites. Google Apps Premier and Education editions get an additional 500MB for each user account.

Embed rich content Google Sites is integrated with other Google products, so you can insert videos, docs, spreadsheets, presentations, photo slide shows, and calendars directly onto your Google Sites pages.

Work together and share Our permission settings let you designate owners, viewers and collaborators (meaning they can edit pages) for your site. And you can make your Google Sites available to just a few people, your entire organization, or the world.

Search with Google You can search across Google Sites pages and content using powerful Google search technology. You'll find specific pages and documents instantly, the same way you would on Google.com.

<http://sites.google.com/a/googleclassrooms.org/mrs-richau/Home> Here is an example of a classroom page.

Part Six: Resources

- Web Site Resources: www.google.com
- Igoogle: <http://www.google.com/ig>
- Google Custom Search Engine: <http://www.google.com/cse/>
- Google Earth: <http://earth.google.com/>
- Atomic Learning: <http://www.iowaonline.org/>
- Google Sites: Teacher Example Webpage: <http://sites.google.com/a/googleclassrooms.org/mrs-richau/Home>
- **Book:** Google Tools for Teaching and Learning: Written by Tammy Worcester Cash and Carry price for \$27.00 a special for I-TECH from Roxybooks.
- www.tinyurl.com: Make my Long URL Tiny.