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…and on the 8th Day God Created Google!(?)

TRLD Conference 2008
San Francisco, California

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Google Tools and Services

1. **The Google Advance Search-** The Google advance search feature allows users to customize their search for web materials in many different ways. No need to understand Boolean language, this tool walks you through it step by step. Google recently added a few more options under the area that lets' you search "file type" which now includes Flash documents and KMZ files (Google Earth). You can also narrow your search by country…no need to remember your country codes.

2. **Google Earth-** This free Google tool is amazing and somewhat scary. Through a compilation of satellite images it shows us our world like we have never seen it before. Everyone wants to zoom in on their backyard when the get their hands on this tool but imagine seeing before and after Katrina satellite images of New Orleans. Or taking your students to Mt. Saint Helens while studying volcanoes. You can visit any place using Google Earth. Recently, educators have been using the power of Google Earth and just about any other web based resources by embedding hyper link into place marks that can be created using the Google Earth tool. Many publishers have gotten in on the act by creating Google Earth content free to all users. National Geographic, Discovery and thousands of individuals have all created GE content. My guess is that Google envisions this as a world wide yellow pages as well. If you want, it will tell you where all the ATM's, restaurants, hospitals, etc. are in any town.

3. **Blogger by Google-** This free blogging tool from Google allows users to easily set up their own free blog site.

4. **Google News Search-** Search thousands of news sources with this tool. Great for current events projects. You can trace the history of a story and also do country specific searching.

5. **Picasa-** No only does Google want to help you find stuff they also want to print your pictures. This free tool allows you to find, store, edit and print photos. Ultimately they would like you to print your pictures through their providers…gotta make money somewhere.

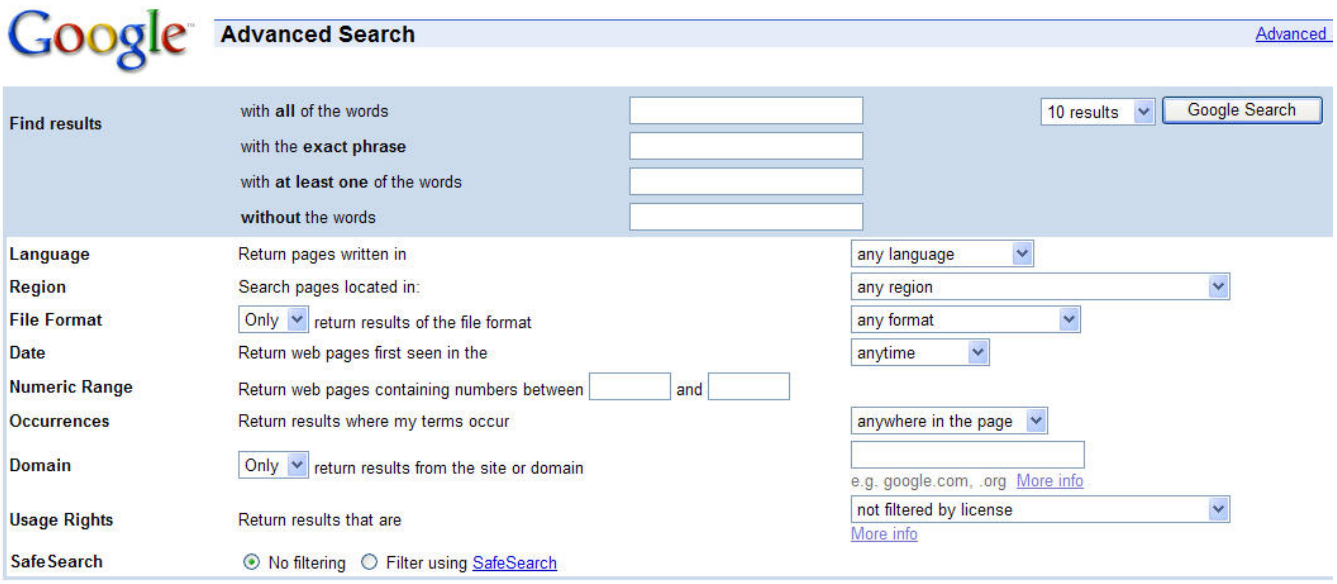
6. **Google Video- YouTube-** This tool introduced by Google just 2 years ago has been overtaken by the company's recent acquisition of YouTube. Got a few extra billion…? With that they are seriously throwing their hats into the video on demand ring. I find it hard to believe that they spent billions of dollars on a tool that enables me to watch a kid explode a bottle of diet coke with a mentos. I'm guessing maybe a United Stream like video on demand system or after the last 4 feet from computer to TV get completed you might order anything anytime from your Google Video site. This tool allows users to search for video using search terms. Much like the regular Google search.

7. **Google Education Tools- Google Docs-** Recently Google has folded their Google Education Tools into their Google Docs Tools. These not so widely publicized tools for schools have a lot of potential. They provide word processing and spreadsheet software free online. It allows for users to store and/or create web based versions of these documents. They can also be shared and changes can be tracked by multiple users. There is also a PowerPoint like feature that enables users to create presentations.

8. **Google Notebook-** This new tool is like the Microsoft tool One Note. Microsoft didn't seem to get much traction with this tool but I think Google might. The tool allows users(students) to keep track of information and research conducted on the web. No more paper and pencil. Just bring up the notebook, type notes, drag picture into it, copy and paste text and it will automatically site sources of the material. This tool used with Google Docs really does take the pencil and paper out of the 1-2-1 classroom.

9. **iGoogle-** Now everyone can have there own Google Page. This tool allows you to customize your own pages with tools and links.

Google Advanced Search



Software Helper

Getting Started

To Open the Advanced Search Window	• Click on **Advanced Search** on www.google.com. • The top four fields in the blue box replace Boolean searches. So instead of having to construct searches using the + or – symbols, Google's **Advanced Search** fields performs those functions.

To Broaden a Search	• In the search field next to "with **all** of the words" type the word(s) you wish to search for and then press **Google Search**. • Google will return pages with all the terms you list in the search results. • Another option would be to put the main term in the top field and then list possible additional terms in the field next to "with **at least one** of the words". • In this case Google will look for the top term and include as many of the other terms as possible in the search results.

To Narrow a Search	• In the search field next to "with all of the words" type the word(s) you wish to search for and then press **Google Search**. • In the field next to "without the words" type the words that should be excluded from the search, then press **Google Search**.

To Search for a Phrase	• In the field next to "with the exact phrase" type the phrase you wish to look for and then press **Google Search**. • Google will conduct a complete text search looking for the words in the phrase.

Interpreting Search Results

Viewing Missing Web Pages	• Google's search results include the title of the web page, the description of the web page and the URL to link to it. • Google also keeps a copy of the web page for itself. If the page is no longer available, click on **cached** next to the URL to open and use Google's copy of the site.

Finding Similar Pages	• If one of the results is exactly what you want, click on **Similar Pages**, next to **cached**, to pull up other pages like the one you selected.

Additional Advanced Search Options

Choosing a Language	• The Advanced Search will return pages in any language. • To restrict results to one language, click on the down arrow next to that field and select the language.

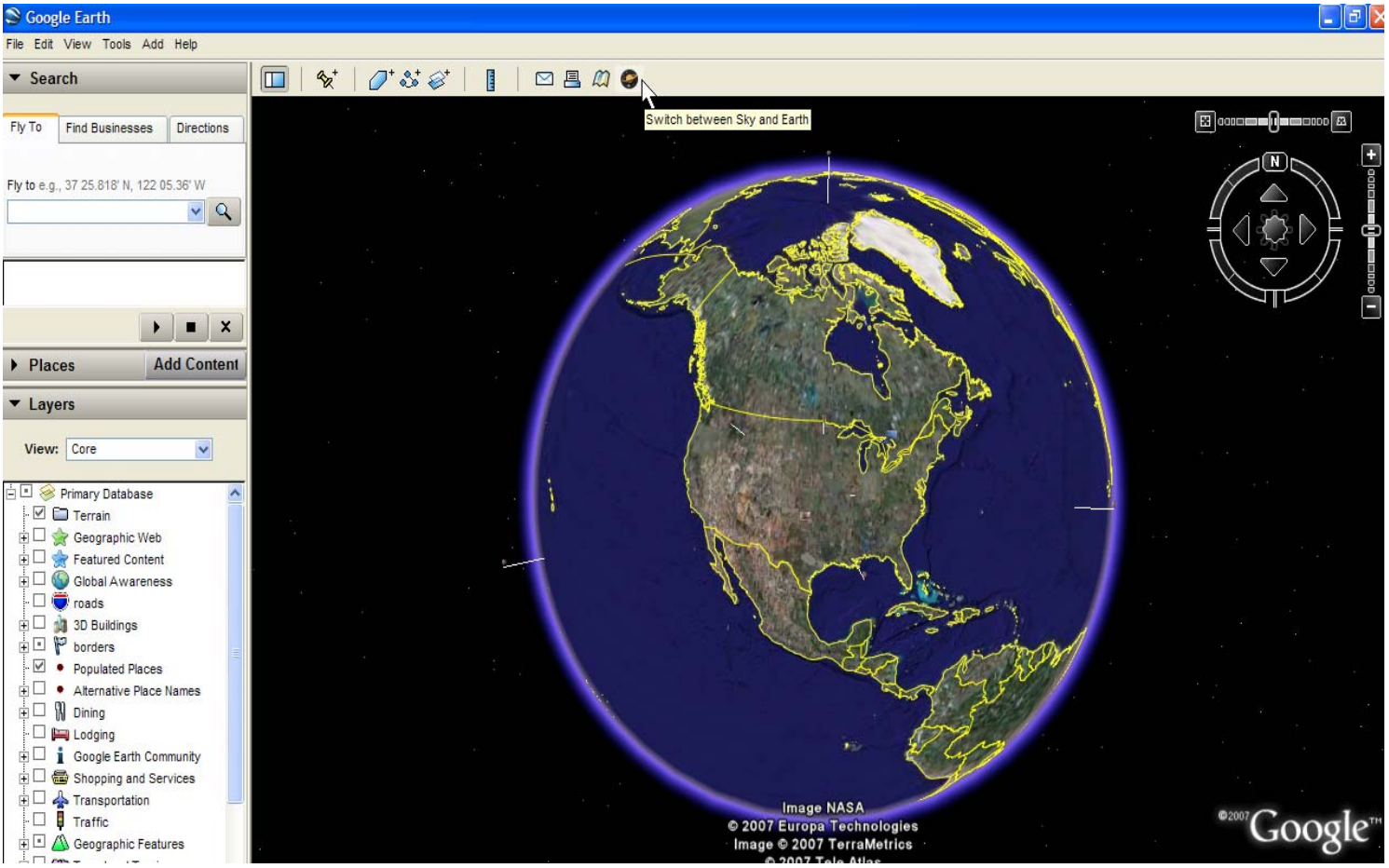
Selecting File Format Options	• A powerful option in the advanced search is to restrict the search to a specific file format or to exclude that format from a search. • With the first down arrow next to the File Format field select **Only** or **Don't**. • Then click the down arrow next to the second field to search for a specific file format.
Selecting a Country	• This will allow you to search content housed on servers in specific countries. "American Revolution" in the UK

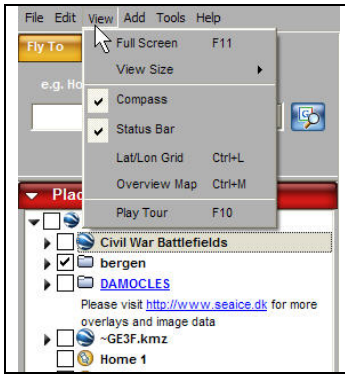
To Limit the Date	• If you are searching for material and would like to limit the results to only the most current or updated pages, use the Date field. • The down arrow, next to the date field, allows users to limit the search to a time frame for when the page was last updated.

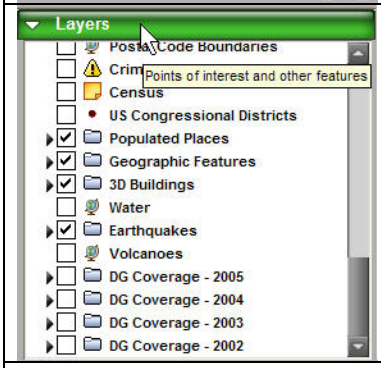
To Restrict a Search	• The occurrences field allows users to tell Google where to look for the terms listed in the search boxes

Using the Domain Feature	• Using the domain features allows users to restrict a search to specific web site or type of site. For example, limiting a search to URL's that end in edu will return results that are identify themselves as being a school.

Google Earth



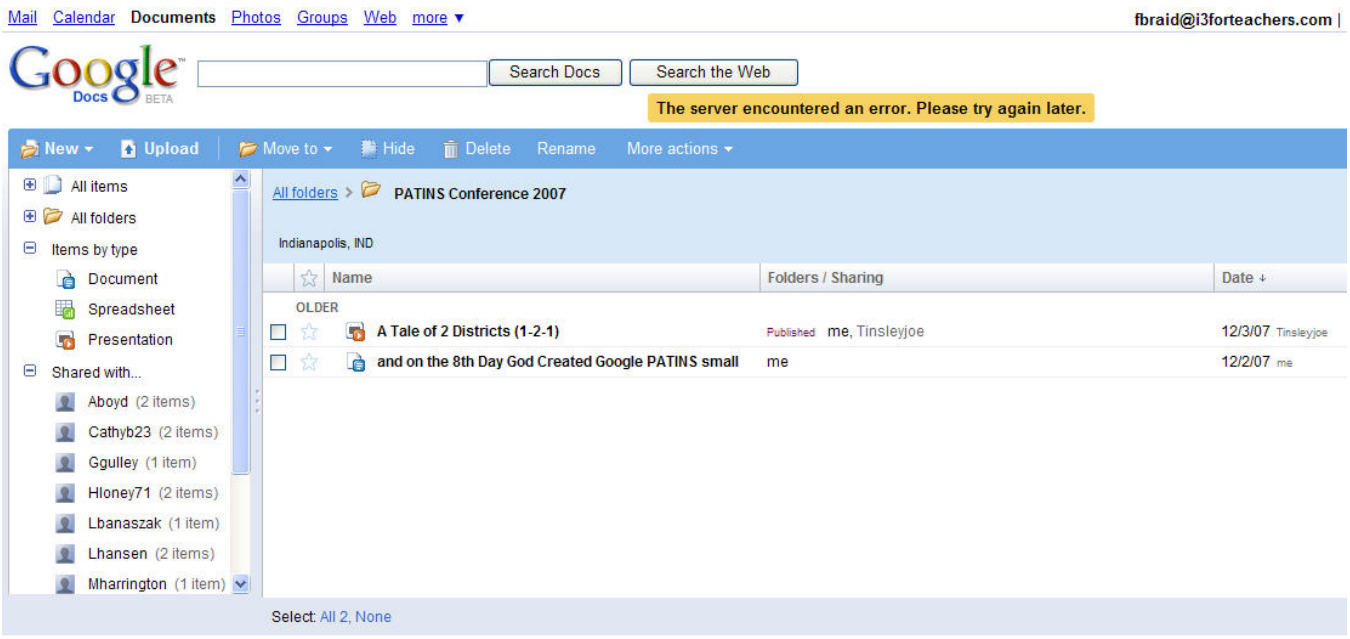
	View menu is where you can turn the following on & off; compass, latitude & longitude grid. You can also adjust the screen size here.

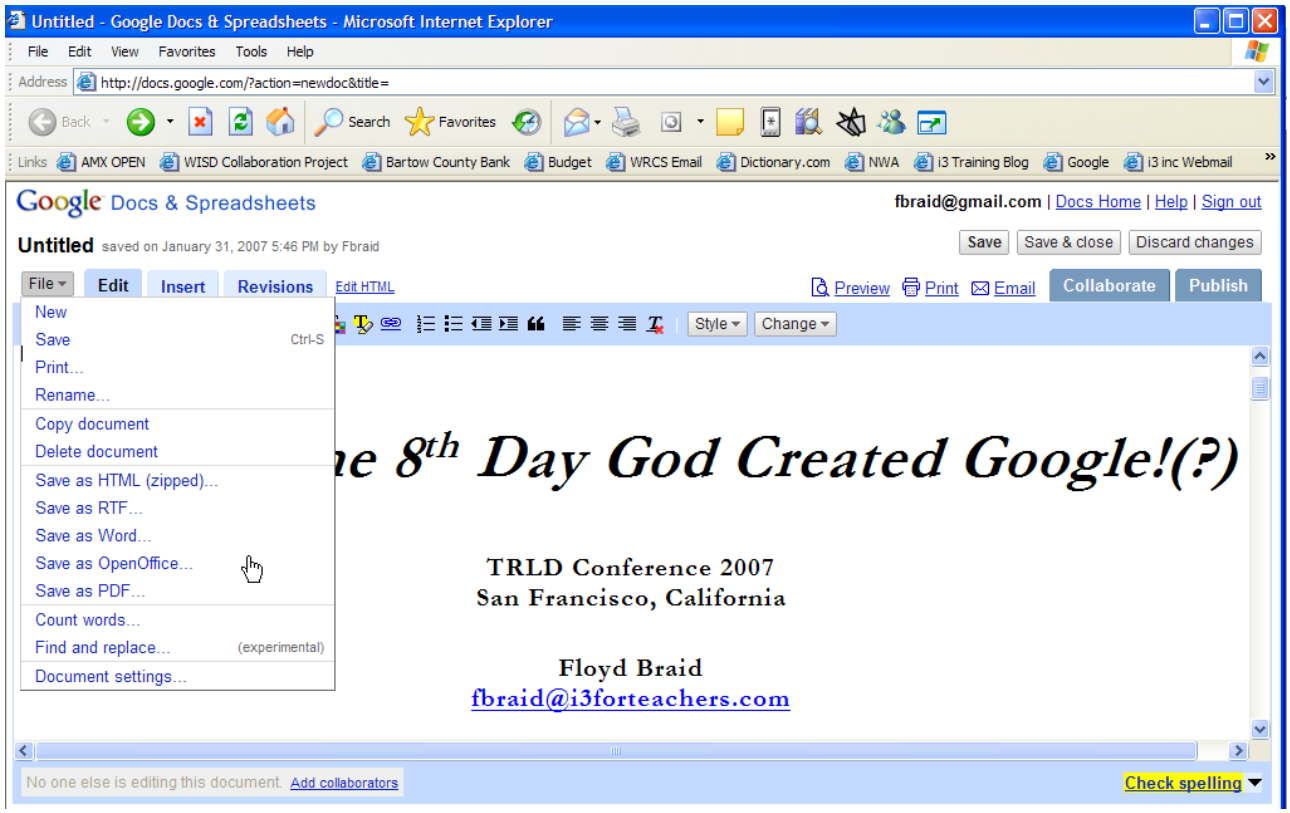
	This is where your saved and downloaded "Places" are located. They can be turned on & off by putting a check in the box to the left of the folder or "placemark".
	This is where your saved and downloaded "Layers" are located. They can be turned on & off by putting a check in the box to the left of the folder or "placemark".

Notes:

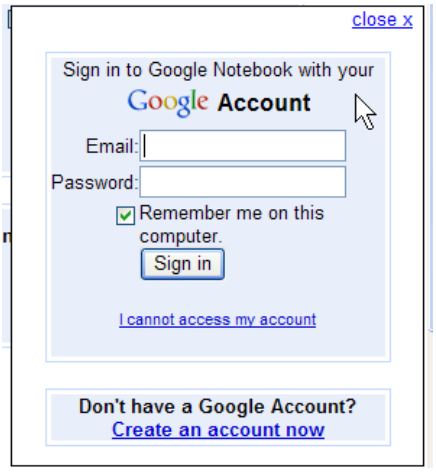
Google Docs & Spreadsheets

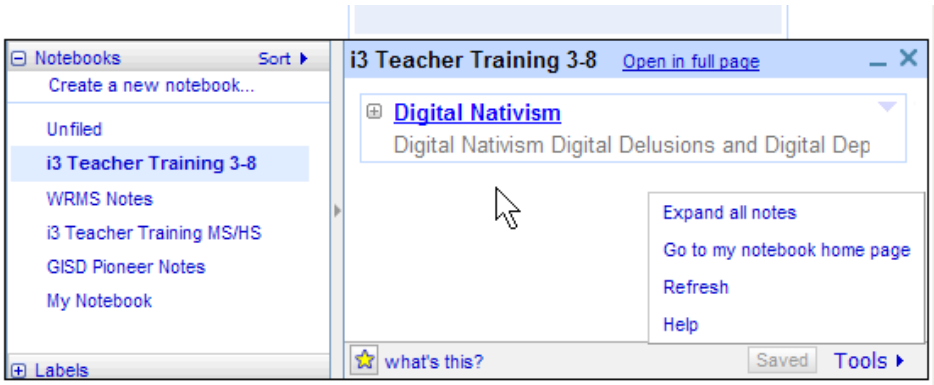
Google Docs & Spreadsheets is still in Beta format but I've been using it for over a year with no problems. Think of it like MS Word & Excel but freeeee and with easy online collaboration tools. Teachers can set-up a classroom account with folders for each student or each student can have their own account.



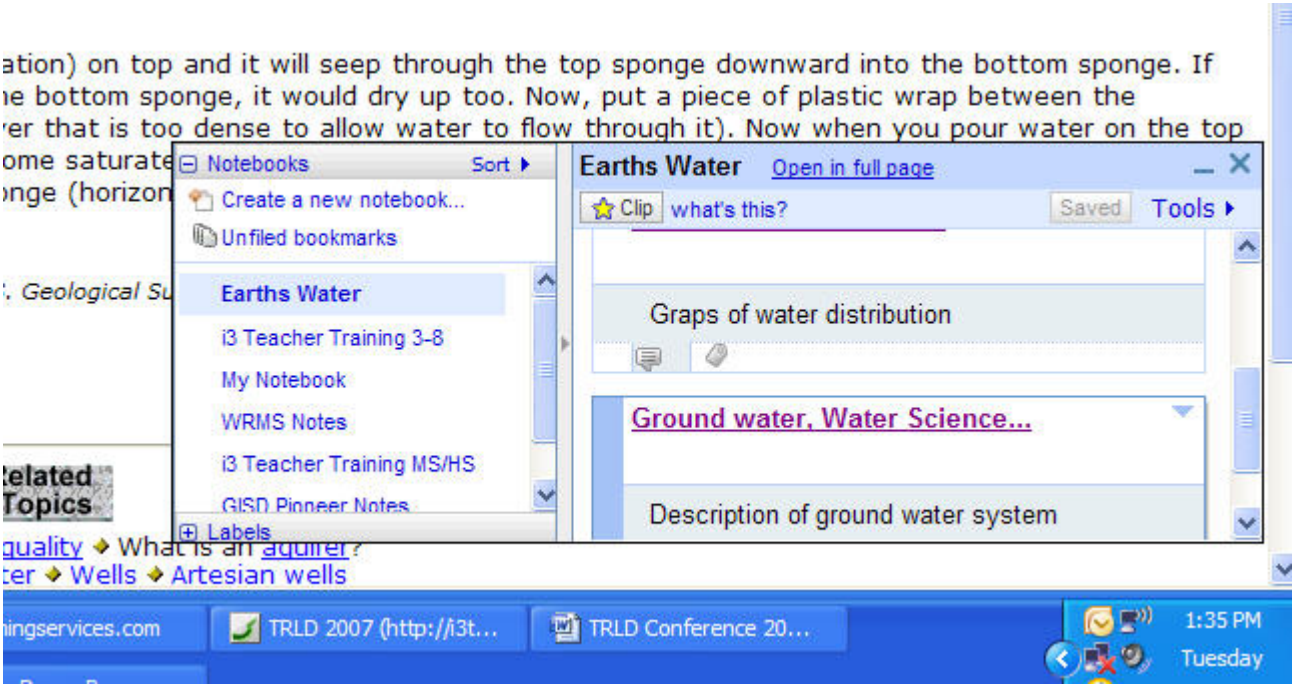


Google Notebook





Google Notebook Log-in & Pop-Up



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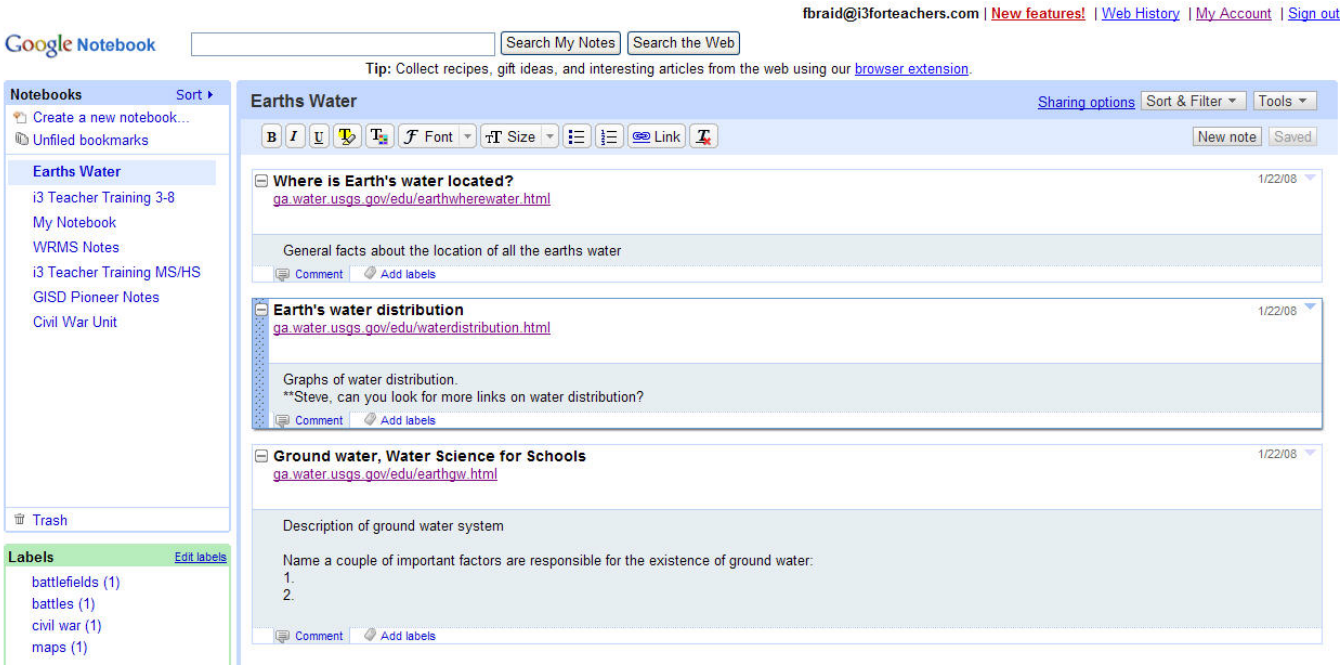
Google Notebook Personal Homepage



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Session Links:

Google
www.google.com

Google Earth
www.earth.google.com

Google Accounts (Docs & Spreadsheets)
http://www.google.com/accounts
http://www.docs.google.com

Blogger
http://www.blogger.com/start

Google News
http://news.google.com/

Picasa
http://picasa.google.com/index.html

Google Video
http://YouTube.com/