



Karen ogen
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Google searching Like a pro

JUST "GOOGLE" IT!

The image shows a Google search results page for the query "rainforest animals". The search bar at the top contains the text "rainforest animals" and a search button. Below the search bar, navigation tabs for "Web", "Images", "Maps", "Shopping", "Videos", "More", and "Search tools" are visible. A red oval highlights these tabs, with a red arrow pointing to a text box on the right that says "More than information." Below the navigation tabs, the search results are displayed. A red box highlights the top section, which includes an advertisement for "Animal In The Rainforest - wltus.org" and a list of products from Amazon with star ratings and prices. A red arrow points from a text box on the left, "Ads or paid placement.", to this red box. Another red box highlights a list of search results on the right side of the page, including "Rainforest Information", "Rainforest Animals", "Rainforest Animals & More", "Rainforest Animals", and "Rainforests Animals". A red arrow points from a text box on the right, "Ads or paid placement.", to this red box. A third red box highlights the top search result, "Rainforest Animals" from www.rainforestanimals.net/. A red arrow points from a text box on the left, "Most relevant results.", to this red box. At the bottom of the page, there are several small images of rainforest animals.

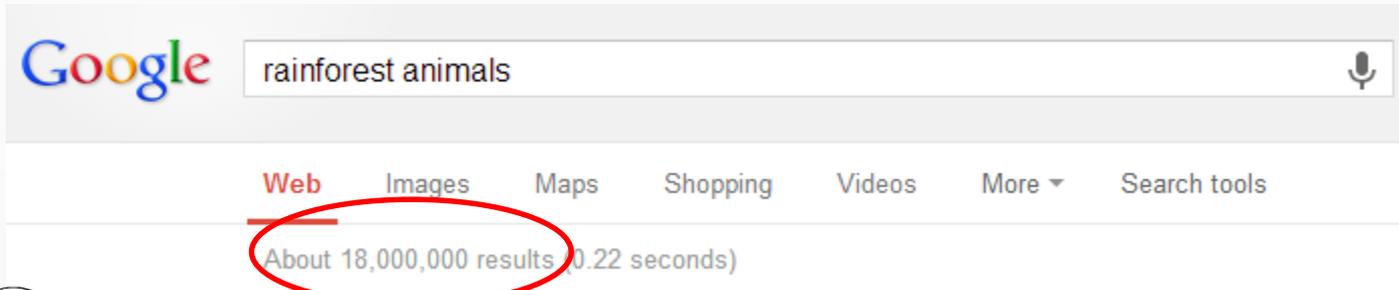
Ads or
paid
placement.

More than
information.

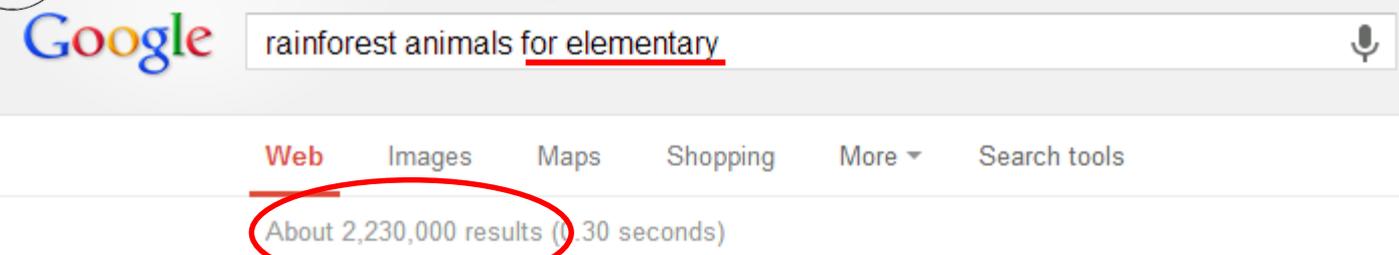
Most
relevant
results.

Ads or
paid
placement.

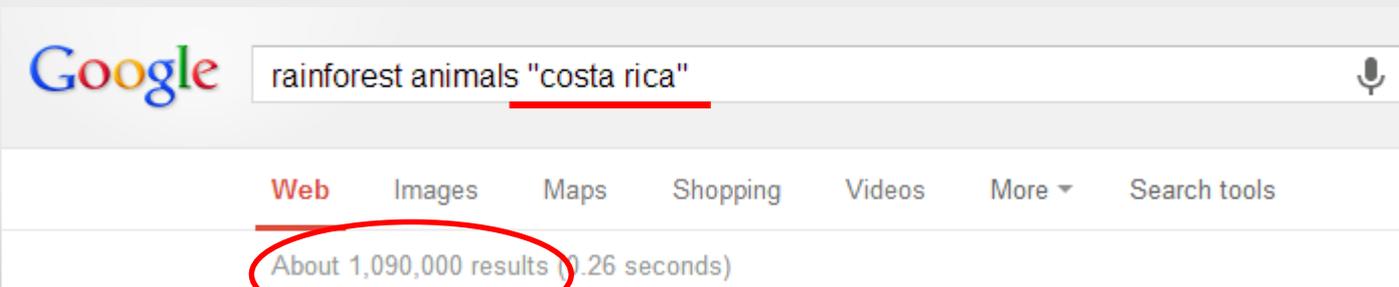
HOW TO GET BETTER SEARCH RESULTS



1. Use more descriptive search terms.



2. Search with an exact phrase by using quotation marks.



HOW TO GET BETTER SEARCH RESULTS



3. Remove irrelevant pages or search terms from your results by using a (-) in front of terms.

Google

jaguar -football -car -guitar



4. Use the tilde (~) to search for words with similar meanings. Geometry, geometric, etc.

Google

~geometry lesson plan 4th grade



5. Use a capital "OR" if you are searching for a term that may appear differently on web pages.

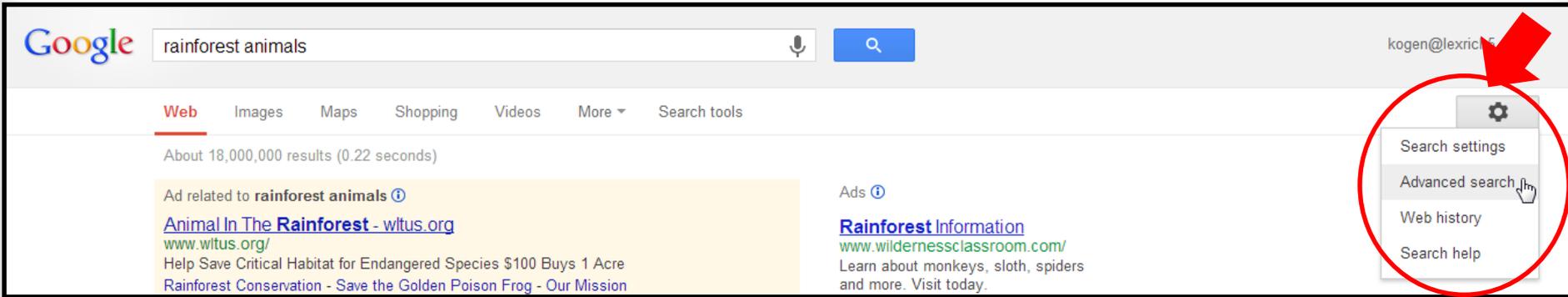
Google

Tutankhamun OR "King Tut"



The Advanced Search

perform a basic search first, then click the settings drop down to access the Advanced search settings.



I. Sort results by Reading Level.

reading level:

file type:

usage rights:

choose

show only basic results

- no reading level displayed
- annotate results with reading levels
- show only basic results
- show only intermediate results
- show only advanced results

Advanced Search

Results by reading level for **rainforest animals** - [View results for all reading levels](#)



Amazon results for **undefined**

- ★★★★★ **Undefined** \$12.29
 - ★★★★★ [Monoprice 5ft IR Extender Cable \(Receiver\)](#) \$9.99
 - ★★★★★ **Undefined** \$6.00
 - ★★★★★ [AMD Socket AM3/AM2+/AM2/1207/939/940/754 Heat Sink...](#) \$29.86
- [a](#) 8410 more results »

Rainforest animals: Zoom Rainforests - Enchanted Learning

[www.enchantedlearning.com/.../rainforest/animals/Rfbiomeanimals.shtml](#) ▾
They are havens for millions of plants and animals. Rainforests are extremely important in the ecology of the Earth. The plants of the rainforest generate much of ...

Rainforest Animals - Enchanted Learning

[www.enchantedlearning.com/subjects/rainforest/Animals.shtml](#) ▾
Rainforests are tremendously rich in animal life. Rainforests are populated with insects (like butterflies and beetles), arachnids (like spiders and ticks), worms, ...

The Advanced Search

2. BY File Type: .pdf (a worksheet/handout)

file type:

usage rights:

any format

any format

Adobe Acrobat PDF (.pdf)

Adobe Postscript (.ps)

Directions: Find and look at each of these rain forest animals. Mark the adaptations that they have.

ANIMALS	ADAPTATIONS					
	Tail (for balance)	Long Arms (for climbing)	Fur/Feathers (to shed rain)	Camouflage (to blend in)	Wings (for flying)	Bright colors (warn predators)
Orangutan						
Chameleon						
Ring-tailed lemur						
Fruit bat						
Spider monkey						
Jaguar						
Poison dart frog						
Tawny frogmouth						

Name: _____

The Tropical Rainforest

by Mikki Sadi



- In a rainforest, the tallest trees can grow...
 - almost 200 feet tall
 - more than 200 yards tall
 - over 270 feet tall
 - almost 250 feet tall

- The forest floor tends to be very dark. Why?

- What is a biome?

- Most animals that live in the rainforest live in the...
 - emergent layer
 - canopy
 - understory
 - forest floor

- Read the following sentence from the article and choose the best definition for the underlined word.

In most rainforests, the temperature ranges from 70 to 85 degrees Fahrenheit all year long, and the air is almost always tumid.

The underlined word means...

- difficult to breathe
- containing lots of oxygen
- warm and comfortable
- containing lots of water vapor

The Advanced Search

3. By File Type: .kmz (a Google Earth file)

file type:

usage rights:



Just click on a .kmz or .kml file in your Google search results and it will automatically open in Google Earth.

[KML] [rainforest virtual tour](#)

[wordpress.ed.pacificu.edu/twilder/files/2012/.../rainforest-virtual-tour.km...](#)

Rainforest on the Carribean Island of Dominica. Photo Source. In this first location, we are going to learn about some animals found in rainforests.

Double click open the file to navigate the lesson in Google Earth.



The Advanced Search

4. By File Type: .ppt (powerpoint)

file type:

usage rights:

Microsoft Powerpoint (.ppt)

Autodesk DWF (.dwf)

Google Earth KML (.kml)

Google Earth KMZ (.kmz)

Microsoft Excel (.xls)

Microsoft Powerpoint (.ppt)

Advanced Search

**TROPICAL
RAINFOREST**



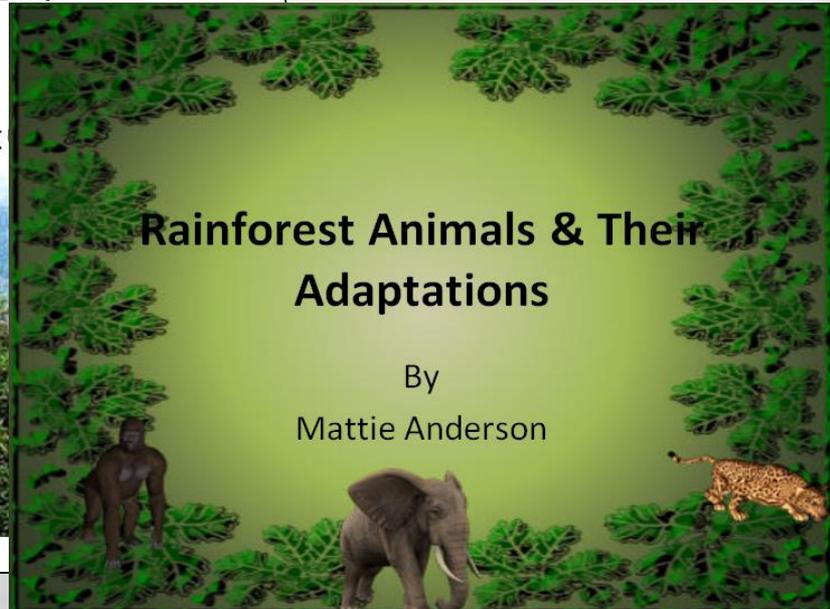
**Web-quest for Kindergarten & w

**RAINFOREST
PLANTS
AND ANIMALS**



**Rainforest Animals & Their
Adaptations**

By
Mattie Anderson



The Advanced Search

5. BY File Type: .swf (games and interactive sites)

file type:

usage rights:

You can also...

Find pages that are similar to, or
Search pages you've visited

Shockwave Flash (.swf)

Google Earth KML (.kml)

Google Earth KMZ (.kmz)

Microsoft Excel (.xls)

Microsoft Powerpoint (.ppt)

Microsoft Word (.doc)

Rich Text Format (.rtf)

Shockwave Flash (.swf)

Advanced Search

Amazon Rainforest

Layers

- Emergent
- Canopy
- Understory
- Forest Floor

About the Rainforest

- Oxygen Production
- Location
- Products
- People
- Wildlife
- Status

The Amazon is the world's largest tropical rainforest. It covers an area of nearly 2.8 million square miles, which is nearly the size of the continent of Australia.

Eagles: 20

Choose View: Pictures Graph Biomass Numbers 1x 2x

Game Speed: 1x 2x

Instructions

Add some fruit, monkeys and eagles, then

Sound Effects

Animal ID Game

Teacher Page Credits Printable Version

Emergent Layer

Canopy

Understory

Shrub

Floor

Play the following games to get an award that tells everyone about your rainforest expertise.

First game: Prove your rainforest knowledge by dragging each animal into its correct layer.

Informational Google searches

Google search has many built in search tools that can help you in the classroom. Here are a few that you and your students might enjoy:

define:

Google

define:loquacious

lo·qua·cious

/lə'kwāSHəs/ 

Adjective
Talkative.

Synonyms

talkative - garrulous - voluble - chatty - gabby

math:

Google

567 * 123

567 * 123 =

69741

Rad		x!	()	%	AC
Inv	sin	ln	7	8	9	÷
π	cos	log	4	5	6	x
e	tan	√	1	2	3	-
Ans	EXP	x ^y	0	.	=	+

convert measurements:

Google

cups in gallon

Volume 

1

=

16

US gal 

US cup 

Informational Google searches

time anywhere:

Google time london

5:11 PM

Thursday, June 6, 2013 (BST)
Time in London, UK

currency conversion:

Google 100 dollars in euros

100 US Dollar equals
76.05 Euro

100 US Dollar
76.05 Euro



weather anywhere:

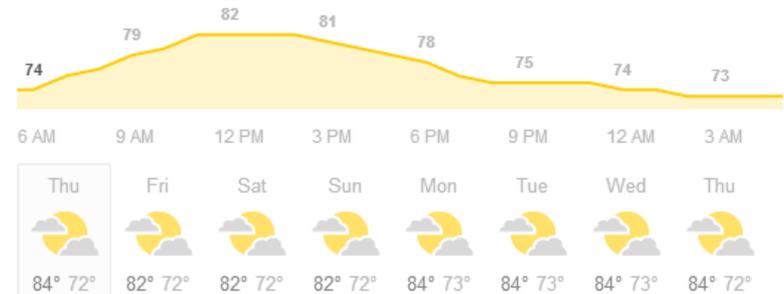
Google weather honolulu

Honolulu, HI
Thursday 6:00 AM
Scattered Clouds

74 °F | °C

Precipitation: 10%
Humidity: 66%
Wind: 8 mph

Temperature Precipitation Wind



Informational Google searches

stock quotes:

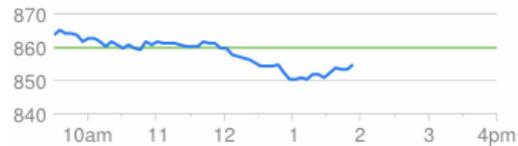
Google

GOOG

Google Inc

NASDAQ: GOOG - Jun 6 1:54pm ET

854.50 -5.20 (-0.60%)



Open 864.30
High 866.33
Low 847.22
Volume 1,725,687
Avg Vol 2,233,000
Mkt Cap 283.49B

1d 5d 1m 6m 1y 5y max

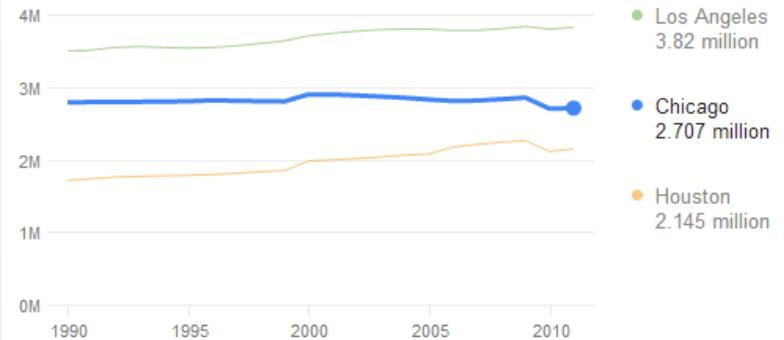
populations:

Google

population chicago

2.707 million (2011)

Chicago, Population



Most recent earthquakes:

Google

earthquake

[Recent earthquakes](#)

earthquake.usgs.gov

Time	Magnitude	Location	Map
6 hours ago	5.2	Southern Greece	Map
10 hours ago	5.2	Banda Sea	Map
Yesterday	6.1	Santa Cruz Islands	Map

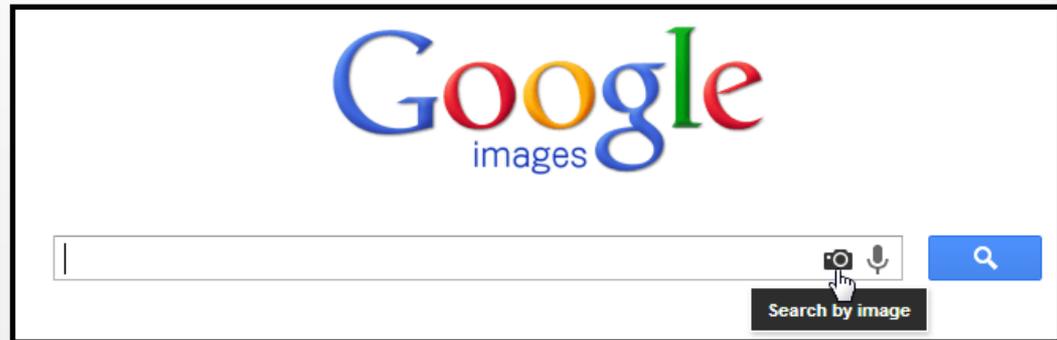
COOL Google search TOOLS

Q: A student uses this image on the cover of her report about soccer. When asked for a citation, she says she drew it herself. Is there a tool to check if this image was found on the web?

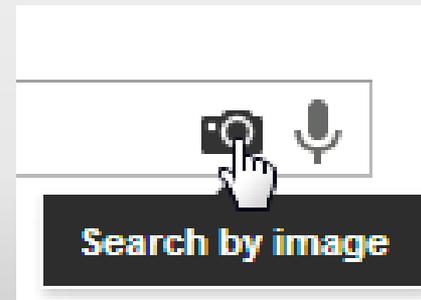


A: YES! Google's "Search by Image"

1. Open Google Images



2. Click the search by Image camera icon.



COOL Google Search TOOLS

3. Select “Upload an Image” (You need to have the image saved on your computer prior to this step. –copy it, scan it, take a picture of it, etc.) and search by image.

Search by image ✕

Search Google with an image instead of text.

Paste image URL ? | [Upload an image](#)

[Search by image](#)

4. You will be provided with pages that have matching results to your image.

Pages that include matching images



512 x 512

[Black Labrador Retriever with Soccer Ball Photo Cut Out from Zazzle ...](#)

www.zazzle.com/black_labrador_retriever_with_soccer_ball_photosc...

Jul 16, 2010 – Completely customizable Black Labrador Retriever with Soccer Ball Photo Cut Out created by countrymousestudio. Order this design as a ...

COOL Google Search TOOLS



scholar.google.com

search peer-reviewed abstracts, theses, papers, and technical reviews from many disciplines.

A screenshot of the Google Scholar search results page. At the top, the Google logo is on the left, and a search bar contains the text "cell phones in the classroom" with a blue search button on the right. Below the search bar, the word "Scholar" is displayed in red, followed by "About 32,300 results (0.04 sec)". The main content area shows a list of search results. The first result is titled "Cell phones in the classroom" in blue. Below the title, the author "EC Hammond, M Assefa" and the source "The Physics Teacher, 2007 - pdfserv.aip.org" are listed. A snippet of the abstract follows: "By utilizing cell phone cameras, the students in my honors physics class were able to create images of magnetic fields from the patterns associated with iron filings. Seeing that students were using their cell phones for calculators, I also noticed the cameras that were ...". Below the snippet, there are links for "Cited by 8", "Related articles", "All 4 versions", and "Cite". The second result is titled "[CITATION] Cell phones in the classroom: boon or bane? Part 2" in blue. The author is "J Dias" and the source is "Calling Japan, 2002". A snippet of the abstract follows: "Cited by 31 Related articles Cite". The third result is titled "Invasion of the Classroom Cell Phones." in blue. The author is "M Gilroy" and the source is "Education Digest: Essential Readings Condensed for ..., 2004 - ERIC". A snippet of the abstract follows: "Abstract: IT is one of the most common (and unsettling) occurrences in today's classrooms-- the ringing of a cell phone, often punctuated by some silly tune or sound effect that announces to everyone that a call is coming in. Inevitably, educators say, it happens ...". Below the snippet, there are links for "Cited by 36", "Related articles", "Cite", and "More". The fourth result is titled "Don't Bother Me, Mom, I'm Learning!: How Computer and Video Games are Preparing Your Kids for 21st Century Success and how You Can Help" in blue. The author is "M Prensky" and the source is "2006 - uoc.edu". On the left side of the search results, there are several filters and options: "Articles", "Legal documents", "Any time" (with sub-options for "Since 2013", "Since 2012", "Since 2009", and "Custom range..."), "Sort by relevance", "Sort by date", "include patents" (unchecked), "include citations" (checked), and "Create alert" (checked).

COOL Google Search TOOLS



What do you love?

from Google

giraffes



WDYL.COM

Learn about other cool Google tools while exploring what you love.

The screenshot displays the WDYL.com interface for the search term 'giraffes'. It features several tool panels:

- Measure popularity of giraffes on the web:** Includes a line graph titled 'Interest Over Time for 'giraffes'' showing a fluctuating trend over the past 12 months, with a peak near 100. A 'Go to Trends' button is located below the graph.
- Find books about giraffes:** Shows a book cover for 'Giraffes' by Catherine Ipcizade from 2008.
- Watch videos of giraffes on YouTube:** Features a video player for 'Growing Up Giraffe- Meet the Giraffe'.
- Organize a debate about giraffes:** A panel with a blue icon and a 'Go to YouTube' button.
- Explore giraffes in 3D:** Shows a 3D model of a giraffe with a '3D' icon and a 'Go to SketchUp' button.
- Translate 'giraffes' into 57 languages:** Shows the word 'giraffen' translated into Dutch.
- Go to Patent Search:** A button at the top right.
- Go to Gmail:** A button next to an email preview for 'pat@example.com' with the subject 'I love giraffes'.

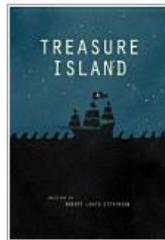
COOL Google search TOOLS



Books.google.com

Browse free books and magazines you can download.

Classics



Treasure Island
Robert Louis Stevenson



Dead Drop
Jon F. Merz



The Time Machine
H.G. Wells



Ripley's RBI 01: Scaly Tale
Ripley's Believe It Or Not!



Turned at Dark
C. C. Hunter

Magazines



LIFE



New York Magazine



GameAxis Unwired



Jet



Pratiyogita Darpan

COOL Google search TOOLS



www.google.com/blogsearch

search for educational blogs to follow.

A screenshot of a Google search interface. The search bar contains the text '1st grade technology integration'. Below the search bar, the 'Blogs' tab is selected and underlined. The search results show 'About 1,130,000 results (0.37 seconds)'. Three search results are visible, each with a title, URL, date, author, and a short description.

Google 1st grade technology integration

Web Images Maps Shopping **Blogs** More Search tools

About 1,130,000 results (0.37 seconds)

[We Can Learn A Lot From First Graders In Ethiopia About Tech ...](#)
www.patrickmlarkin.com/
Dec 4, 2012 by Patrick Larkin
We Can Learn A Lot From **First Graders** In Ethiopia About **Tech Integration!** I have been using the picture and text above in a couple of recent presentations to educators surrounding the way we support learners (teachers and ...
[More results from Learning In Burlington](#)

[Growing Apples: Skype! Skype! Skype! Twitter!](#)
grwoingapples.blogspot.com/
May 13, 2013 by Leka DeGroot
Technology Integration in **First Grade** Classroom ... Thanks to Aviva for her open mind and flexibility, two **first graders** in Iowa and Jason who lives in Canada were connected via Skype the following week. Look at their proud ...

[First Grade Math: Technology Integration - Mrs. Dooley's 1st Grade ...](#)
mrsdooleymathclass.blogspot.com/
Mar 17, 2013 by Kayla Dooley
[POSTING #3] **First Grade Math: Technology Integration** LINK This is a wonderful web site that is full of interactive games for math. The link above will specifically navigate the user to interactive math games for **first grade**.

COOL Google Search TOOLS



News.google.com

search news articles.

The screenshot shows the Google News search results page. At the top, there is the Google logo, a search bar, and a search button. Below the search bar, there are dropdown menus for "U.S. edition" and "Modern". The main content area is titled "Top Stories" and features a large article titled "NSA taps in to user data of Google, Skype and others, secret files reveal" from The Guardian, published 6 minutes ago. The article text states that the NSA has obtained direct access to the systems of Google, Facebook, Apple, and other US internet giants. Below the main article, there are several smaller news items, including "Prince Philip to undergo surgery today" from CBC.ca. On the left side of the page, there is a vertical list of categories: Top Stories, Miami Heat, Tropical cyclones, Istanbul, Los Angeles Kings, Xi Jinping, Philadelphia, Al-Qusayr, Syria, Vladimir Putin, Esther Williams, International Monetary Fund, South Carolina, World, U.S., Business, Technology, Entertainment, Sports, Science, and Health.

COOL Google search TOOLS



trends.google.com

Explore what the hot topics are right now. Great for current events and graphing.

Actors	Animals	Athletes
		
<ol style="list-style-type: none">Amanda Bynes ↑ Selena Gomez ↓ Angelina Jolie ↑ Miley Cyrus ↓ Justin Timberlake ↓ <p>More ></p>	<ol style="list-style-type: none">Dog - Cat - Horse ↑ Fish - Chicken ↓ <p>More ></p>	<ol style="list-style-type: none">Michael Jordan - Floyd Mayweather, Jr. ↑ LeBron James - Kobe Bryant ↓ Tiger Woods ↓ <p>More ></p>
Authors	Baseball players	Baseball teams
		
<ol style="list-style-type: none">William Shakespeare - 	<ol style="list-style-type: none">Jackie Robinson - 	<ol style="list-style-type: none">New York Yankees ↑

Citations:

- ★ Google search magnifying glass image:
<http://www.sovereignman.com/trends/try-this-google-search-11964/>
- ★ powerpoint template: <http://www.free-power-point-templates.com/colors-google-powerpoint-template/>
- ★ small magnifying glass:
http://www.techhive.com/article/221984/digital_focus.html
- ★ All screen shots taken by K.ogen from Google search.

**Now You're a Google
search pro!**