Really, Really Basic Search

“Blind Searching” by Hiking Artist on Flicker.com
golfcross rules
Help your students become better searchers

Web search can be a remarkable tool for students, and a bit of instruction in how to search for academic sources will help your students become critical thinkers and independent learners.

With the materials on this site, you can help your students become skilled searchers—whether they’re just starting out with search, or ready for more advanced training.
What's that book my friend showed me for my paper? That one about the Halifax explosion of 1917?
But I want pictures of them playing...
Color as a keyword
How would I find diagrams (explosions, schematic)?
Color filtering expresses a common factor...
The Giants were crowned the 2012 World Series champions after sweeping the Tigers, and the Tigers had to watch as the Giants celebrated on their home field.

... Not only will this series be interesting because of a World Series rematch, but both teams are also in tight playoff races right now. The Giants have a 76-64 record, and they are currently two games back from the Los Angeles Dodgers in the NL West.

Source: “San Francisco Giants vs. Detroit Tigers Series Preview” by Maggie Pilloton, GoldenGateSports.com
Common factors

- Colors
- Words
- Media
- Layout
- ????
What we really need to teach

1. Read the page
2. Stop and think
3. Expose our tacit knowledge
Read the page

Search whatever... then fix it

“Ideal-field illustration” by HikingArtist on Flicker.com
What he wanted:

*Costa Rica September 2007* by DoctorWho: [http://www.flickr.com/photos/86931652@N00/1465769370/](http://www.flickr.com/photos/86931652@N00/1465769370/)
What he got:

**Sweaty Clothes, Where Do They Go? | MyFitnessPal.com**
www.myfitnesspal.com › Message Boards › Chit-Chat, Fun, and Games
25 posts - 22 authors - Sep 6, 2011
Just curious... I wanted to know do you throw your wet, stinky clothes in the hamper, hang them in the shower or throw them in the washer, ...

  - **Sweaty gym clothes!! Yuk!!** - 14 posts - Aug 22, 2012
  - **Kinda embarrassing.....** - 21 posts - Mar 23, 2012
  - More results from myfitnesspal.com »

**Sweaty Clothes and Traveling: Gear and Electronics: Runner's ...**
www.runnersworld.com › ... › Shoes And Stuff › Gear and Electronics
19 posts - 14 authors - Mar 1, 2011
The problem I'm having is that when I'm out of town for several days I end up with ziplock bags full of sweaty clothes. By the time I get back ...

**Sweaty Betty, gym wear, yoga clothes, beach wear, ski wear**
www.sweatybetty.com/
Sweaty Betty combines innovative feminine designs with technical fabrics. From yoga clothes to running kit, ski wear to beach clothes Sweaty Betty offers a vast ...

**Sweat in This : Sweat Smarts : MensHealth.com**
www.menshealth.com/sweat/sweat-in-this.php
If you're going to get a sweat on, remember these words: Cotton is rotten. Cotton absorbs more water than any other clothing fiber. That's great for a towel, but ...

**How to remove sweat smell from clothes**
wiki.answers.com › ... › Categories › Shopping › Fashion › Clothing
Introduction to ranking

Over 200 signals, including:

- Key word frequency?
- Search terms in the title and URL?
- Words appear directly adjacent?
- Page include synonyms for search terms?
- Web page spammy?
- PageRank?
## What Matters In My Search Query?

1. Every word matters.
   - Try searching for `[who]`, `[the who]`, and `[a who]`

2. Order matters.
   - Try searching for `[dog chow]` and `[chow dog]`

3. Capitalization does not matter.
   - Try searching for `[frodo baggins]` and `[Frodo Baggins]`

4. Punctuation does not matter.
   - Try searching for `[red, delicious) apple&]` and `[red delicious apple]`

* There are some exceptions!

- C++, C#, @researchwell, Google+, $40
When did Ancient Greece begin and end? - Yahoo! Answers
answers.yahoo.com/question/index?qid=20070912100322AAxL5ED
1 answer - Sep 12, 2007
Top answer: Greek school books, "ancient times" is a period of about 900 years, from the catastrophe of Mycenae until the conquest of the country by the Romans, ...

When did ancient greece start farming and what is ... - 5 answers - Sep 11, 2009
When did ancient greece begin and end? - 2 answers - Aug 30, 2009
When did the greece civilization start? how many ... - 1 answer - May 12, 2008
Where did Ancient Greece start: The Greek Peninsula ... - 2 answers - Dec 15, 2006

More results from answers.yahoo.com »

When did the ancient Greece civilization begin and end
wiki.answers.com › ... › Ancient History › Ancient Greece › Sparta
According to the Children's Britannica ancient Egypt began in 4000 B.C and ended in 30 B.C.. When did Ancient Greece start their civilization? like all ancient ...

BBC - Primary History - Ancient Greeks - The Greek world
www.bbc.co.uk/schools/primaryhistory/ancient_greeks/greek_world/
Where Western civilization began. What was Ancient Greece like? How Greece was ruled. When did Greek civilisation begin? What was the Trojan War?
Cat Breeds | Browse 43 different cat breeds | Petfinder
https://www.petfinder.com/cat-breeds/?see-all=1 - Petfinder
Cat breeds: Browse our list of 43 cat breeds to find the perfect cat breed for you, and... British Shorthair Cat Breed... Ragdoll Cat Breed... Snowshoe Cat Breed...

List of cat breeds - Wikipedia, the free encyclopedia
The following list of cat breeds includes domestic cat breeds and domestic/wild hybrids. ... individual animal may be considered different breeds by different registries: ... 1 Breeds; 2 See also; 3 Notes and references; 4 References; 5 External links... Snowshoe, United States, Crossbreed, Short, Colorpoint, Snowshoe (cat).

Cat Breeds with Pictures - Different Breeds of Cat Information
www.catsofaustralia.com/cat-breed-profiles.htm - Cat Breeds with Pictures
Different breeds of cats with pictures, description and information on each of the listed... British Shorthair Cats are placid, non demanding, tolerant, docile and respectful. .... Ragdoll Cats are extremely docile and love to be held and cuddled.
Bengal - Norwegian Forest Cat - Russian Blue - Abyssinian

Cat
Animal
The domestic cat is a small, usually furry, domesticated, and carnivorous mammal. They are often called a housecat when kept as an indoor pet, or simply a cat when there is no need to distinguish them from other felids and felines. Wikipedia
Scientific name: Felis catus
Gestation period: 66 d on average
Daily sleep: 12 – 16 h
Lifespan: 15 y on average (Domesticated), 12 – 15 y (Newborn, Male, Domesticated)
Lower classifications: Korat, Cymric cat, British Semi-longhair, More
Mass: 2.9 kg on average (Adult), 4 – 5 kg (Domesticated), 0.11 kg on average (Newborn)
Read all your results

- Did something go wrong with my query?
- Did something go wrong with my question?
- Are there promising links here?

**Ad related to different breeds of cats**

- Breeds Of Cats - Find Helpful Cat Breed Info & Tips | iams.com
  www.iams.com/Cat-Breeds
  Plus Read Expert Articles at iams.
  iams® Dog Food - iams® Cat Food - Breed Selector Tool

- Cat Breeds - Browse 43 different cat breeds | Petfinder
  www.petfinder.com/cat-breeds?see-all=1
  Cat breeds: Browse our list of 43 cat breeds to find the perfect cat breed for you, and then find adoptable cats close to you.
  American Bobtail Cat - Abyssinian Cat - Bengal Cat - Cymric Cat

- List of cat breeds - Wikipedia, the free encyclopedia
  on.wikipedia.org/wiki/List_of_cat_breeds
  The list includes established breeds recognized by various cat registries, new ... an individual animal may be considered different breeds by different registries.
  Category:Cat types - British Shorthair - Domestic short-haired cat - Abyssinian

- Cat Breeds - Different Breeds of Cats with Photos
  www.catsofaustralia.com/cat-breed-profiles.htm
  Different Cat Breed information. Personality and breed descriptions with pictures.
  Different Cat breed pictures & info.

- Images for different breeds of cats - Report images

- 77 Cat Breeds in 4 and a half minutes - phew! - YouTube
  www.youtube.com/watch?v=1q9u2DNbYoA
Reading results to identify better words

Immigrants Sending Money Back Home Face Fewer Options...
www.npr.org/.../immigrants-sending-money-back-home-face-fewer-op... NRP
Jul 9, 2014 - The giant remittances economy — which consists of folks, mainly immigrants, sending money across borders — has been expanding for years.

Remittance - Wikipedia, the free encyclopedia
Money sent home by migrants competes with international aid as one of the largest.... The remittances sent by these 10 million immigrants were transmitted via...

Immigrants Find it Cheaper to Send Money Home...
www.nytimes.com/.../immigrants-find-it-cheaper-to... The New York Times
Apr 27, 2013 - Carmen Gonzalez, who immigrated from Mexico in 1991, says that the cost to send money home has dropped from $12 to $5.

Revealed: How immigrants in America are sending $120...
www.dailymail.co.uk/.../Revealed-How-Immigrants-America-s... Daily Mail
Jan 31, 2013 - The amount of money being sent by migrants across the entire world are sending $120 BILLION to their struggling families back home.

Global Immigrants Send $500 Billion Back Home - Bloomberg
www.bloomberg.com/.../global-immigrants-send-500-bil... Bloomberg L.P.
Dec 17, 2013 - Global Immigrants Send $500 Billion Back Home ... Once they move across borders, migrants often send money, known as remittances, back to...
BTW...

About 902,000,000 results (0.20 seconds)
Predictive Search

What do you have that you can use?

“A picture is worth a thousand words” by HikingArtist on Commons.Wikimedia.org
STOP.
THINK.
Predictive search

● When I run this search, what do I expect to appear?

● When I find this answer, what do I expect it to look like?

● When I click this link, what do I expect I will see?

"The Fortune Teller" by aussiegall http://www.flickr.com/photos/aussiegall/4923600994
When I run this search, what do I expect to appear?

Researching the mythology report:

- giants

Writing a presentation entitled "What is the Web?":

- internet model

Doing a project on Ancient Greece:

- greek battle leaders
In the news

Giants' Lincecum gets good early reviews at spring training
SFGate - 21 hours ago
The Giants assigned Lincecum to the back field at Scottsdale Stadium, which is not open to ...

Chinese internet giants purge 60000 accounts for inappropriate usernames
Engadget - 9 hours ago

Notable NFL cuts that could make sense for Giants
NJ.com - 21 hours ago

New York Giants
Football team
The New York Giants are a professional American football team located in the New York metropolitan area. The Giants are currently members of the East Division of the National Football Conference in the National Football League. Wikipedia

Head coach: Tom Coughlin
Arena/Stadium: MetLife Stadium
Location: New York metropolitan area
Division: NFC East
Nicknames: G-Men, Big Blue Wrecking Crew, Big Blue, New York Football Giants, Jints

Roster
Eli Manning
Quarterback
10
Odell Beckham Jr.
Wide receiver
13
Victor Cruz
Wide receiver
80
San Francisco Giants News - SFGate
www.sfgate.com/giants/  San Francisco Chronicle
The latest Giants news, schedules, scores, stats and columns from the San Francisco
... Tweets from @SFGate/san-francisco-giants ..... USF can't quite catch No.

Not being a San Francisco Giants fan | Facebook
https://www.facebook.com/.../Not...San-Francisco-Giants.../3796123256...
Not being a San Francisco Giants fan. 2462 likes · 191 talking about this. SF Giants
Fans are generally arrogant, uninformed, and bandwagoners. This...

San Francisco Giants - Bleacher Report
bleacherreport.com/san-francisco-giants  Bleacher Report
... http://t.co/szfuschvQg. — San Francisco Giants (@SFGiants) 2015-02-28T01:
45:11Z ... I'm not a hater, but Dylan makes it easy sometimes. #sfgiants. — Henry ...
Eurozone leaders battle to secure Greek deal

Eurozone leaders struggled to agree a Greek rescue deal last night after an EU-IMF report showed that Greece will almost certainly need an extra €50bn (£42bn) in aid by the end of the decade.
Eurozone leaders battle to secure Greek deal - Telegraph
www.telegraph.co.uk › Finance › Financial Crisis
Feb 20, 2012 – Eurozone leaders battle to secure Greek deal. Eurozone leaders struggled to agree a Greek rescue deal last night after an EU-IMF report ...

Desperate Greek leaders battle through the night in bid to pass ...
www.dailymail.co.uk/.../Desperate-Greek-leaders-battle-night-bid-pass...
Feb 9, 2012 – Prime minister Lucas Papademos, pictured, said he hoped to strike a deal within hours following the gruelling seven hours' negotiating.

Ancient Greece - Persian, Peloponnesian, Spartan, Greek Wars
www.ancientgreece.com/s/Wars/
The Greek commander in charge for the Battle of Marathon was Miltiades. ... naval attacks on the coastal allies of Sparta, under the leadership of Demosthenes.

Thermopylae - Basics on the Persian Wars Battle of Thermopylae ...
ancienthistory.about.com/cs/weaponswar/p/blpwwtherm.htm
When some of the Greek leaders wanted to leave Artemision before the battle with the Persians, Themistocles bribed and bullied them into staying. His behavior ...

Europe's leaders battle to keep faith with euro as Greek bailout ...
www.guardian.co.uk/.../european-debt-greece-poland-...
When I find this answer, what do I expect it to look like?

Search for your answer--not your question.
What can I predict?

- **Who** cares about what I care about?
- **What** words would I use to describe it, and what words would my trusted source use?
- **Where** would my trusted source share this information?
- **Why** would someone use one format or another to communicate this information?
- **When** would this information be published?
- **How** will I know when I have found what I want?
Is there moss on all sides of the rocks where Aurelius Ambrosius is said to be buried?
Stonehenge.co.uk - Your guide to Stonehenge, the World's ...
www.stonehenge.co.uk/
Your guide to Stonehenge, other ancient sites and stone circles in Britain, with practical information to make your visit easier.

Stonehenge - Wikipedia, the free encyclopedia
en.wikipedia.org/wiki/Stonehenge
Stonehenge is a prehistoric monument located in the English county of Wiltshire, about 2.0 miles (3.2 km) west of Amesbury and 8 miles (13 km) north of ... Theories about Stonehenge - Recent history of Stonehenge - Wiltshire - Amesbury

Stonehenge | English Heritage
www.english-heritage.org.uk/daysout/properties/stonehenge/
Visit Stonehenge! Sun worship temple? Healing centre? Huge calendar? How did they carry the great stones so far and build this amazing structure using only ...

A344 Road
Amesbury, Wiltshire SP4 7DE, United Kingdom
01722 343834
Hours: Sun-Sat 9:30am–4pm
Bus: Stonehenge, Stonehenge Car Park (W-bound)
Directions - Is this accurate?

★★★★★ 52 Google reviews
"Magical. In the true sense of the word. I loved Stonehenge for what it was ...
" - qype.co.uk (33)
frommers.com (1) - cosmotourist.com (11) - trivago.co.uk (2)

Ads
London to Stonehenge Tour
www.goldentours.com/StonehengeTours
Guided Tours from London. Book Now
See Mysterious Stonehenge from £26!
What lesson does this question teach about search?
“What’s that song they play at games?”

Sometimes the words on the page you want are common parlance.
oh oh oh oh song
oh oh oh oh song
oh oh oh oh song 2011
oh oh oh oh song lyrics
oh oh oh oh song in ford commercial

**Ohohohoh - YouTube**
www.youtube.com/watch?v=dGJIZw4FYgE
Jan 16, 2009 - 3 min - Uploaded by sidneycrosby87MVP
Space Jam Theme Song by xilymikehex3695646 views; Thumbnail 5:47.
Add to. The Oh Oh Oh Oh Oh Oh Oh Oh Song! - King ...

**Oh oh oh oh oh hockey song - YouTube**
www.youtube.com/watch?v=5U_tu9cL3Yg
Mar 2, 2010 - 3 min - Uploaded by jk52733
The best hockey song ever!!!!! please rate 5 stars, comment and subscribe!

**Golf Boys - Oh Oh Oh (Official Video) - YouTube**
www.youtube.com/watch?v=PM2NocuElhw
Jun 13, 2011 - 2 min - Uploaded by bencranegolf
this should have more views then any justin bieber song ... The Making Of The Golf Boys - Oh Oh Oh by bencranegolf160009 ...

More videos for oh oh oh oh song »

**What song has the lyrics Woah Oh Oh Oh**
wiki.answers.com ... Categories » Entertainment & Arts » Music
What is this song 'woah oh oh woah oh oh oh oh oh oh oh'? kings of Leon - use somebody pixie lott - use somebody (cover) woah oh oh oh ohhwoah oh ...

That "oh oh oh oh oh" song played after goals. [Archive] - BigSoccer
www.bigsoccer.com ... » MLS: General » MLS: Rumors
4 posts - 3 authors - Last post: Aug 13, 2002
[Archive] That "oh oh oh oh oh" song played after goals. MLS: Rumors.
When I click this link, what do I expect to see?

**Simon Stevin**
www.nndb.com/people/895/000096607/
**Occupation: Mathematician, Physicist ... Dutch mathematician**, born in 1548 at Bruges (where the Place **Simon Stevin** contains his statue by Eugen Simonis) and ...
When I click this link, what do I expect to see?

Simon Stevin
www.nndb.com/people/895/000096607/
Occupation: Mathematician, Physicist. Nationality: Netherlands Executive summary: Founder of hydrostatics. Dutch mathematician, born in 1548 at Bruges ...

Christiaan Huygens
www.nndb.com/people/332/000087071/
Occupation: Physicist, Mathematician, Astronomer. Nationality: Netherlands Executive summary: Wave theory of light. Dutch mathematician, mechanician ...

Willem de Sitter
www.nndb.com/people/209/000168702/
Occupation: Astronomer, Mathematician. Nationality: Netherlands Executive summary: Expanding space. Astronomer Willem de Sitter calculated the size of the ...

Hendrik Lorentz
www.nndb.com/people/756/000091483/
Gender: Male Race or Ethnicity: White Occupation: Physicist. Nationality:
Search your content.

Search your container.

Don't leave anything on the table.
Use what you have

+ Employ your critical thinking

+ Leverage your literacies

+ Tap into your creativity

(+Maintain a high level of curiosity)

"creative reuse" by Eric Lin: http://www.flickr.com/photos/phonescoop/1940736498/
Tacit Knowledge
Channeling our voices.
Write down a place in the research process where an “intervention” is needed
Take turns...

I see...

It might mean...

It might also mean...
This lesson was developed by:
Tasha Bergson-Michelson
portions originally developed for Google

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http://creativecommons.org/licenses/by-sa/3.0/legalcode.
Statement of a concrete problem

I see students ____________________

when I wish they would ____________________.

.
When I see a student doing _______________,

what I think what might be going on in his mind is ________________.
Next time, I would like to scaffold understanding by______________.