







# TECHNOLOGY IN THE CLASSROOM



Technology is no longer a tool,  
It is a **skill** that needs to be  
taught



# READING DIGITAL BASED TEXT

We are testing students using digital means, but  
we're **not** teaching the the skills of reading digitally.

BUT THEY'RE ALL  
GADGET WIZZES!



Just because a  
student knows how to  
work a device, doesn't  
mean they know how  
to *learn* from it.

## Non-Fiction Printed Books vs. Technology

Connected devices don't replace books...  
they **DESTROY** them!

- Look up definitions instantly
- Can Copy/Paste
- Take notes
- Highlight passages
- Click on hyperlinks



Takes learning to a whole new level of finding, searching, analyzing and  
organizing



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Old School

VS



New Age

Takes learning to a *whole new level* of thinking, searching, creating and organizing



# ASK BETTER QUESTIONS!

If you are asking your students the same questions that you asked before Google, it's time to update them!

The Technology of asking questions is now  
Different

WE CAN NOW ASK THE IMPOSSIBLE  
QUESTIONS

Technology must be woven into  
the questions that we ask

re  
ou and  
est


**The Technology of asking questions is now  
Different**

**WE CAN NOW ASK THE IMPOSSIBLE  
QUESTIONS**

**Technology must be woven into  
the questions that we ask**



# HOW DO WE ASK QUESTIONS WITH THIS TECHNOLOGY?



An illustration showing a row of diverse human hands raised, with various digital and communication icons floating above them, including speech bubbles, a laptop, a thumbs up, a magnifying glass, and social media symbols.

- Know what content is out there
- Know the tools available to you and combine them to make the best questions



- Know what content is out there
- Know the tools available to you and combine them to make the best questions

# TRY THIS!

Go to:

<http://www.agoogleaday.com/>

a **Google** a day

*There's no right way to solve it, but there's only one right answer.*

START PLAYING

Shows us how to layer our questions so kid's can't just Google the answer in one search



# Prime the Pump

There is a lot of information on the Internet today.



Google will give you back millions of hits.  
But finding the right information can be tricky.

How do you search through the millions of results  
to get the information that is **right for you** without  
*wasting time* reading through the wrong web  
pages?





# DOMAIN EXTENSIONS

By understanding domain extensions and using Google's **site: search** syntax we can quickly get to the information we need.

## KEYWORDS

- Must be *specific* with searches
- Interpret questions
- Word order matters
- Make sure the *most powerful* words come first
- Basic spelling & typing

[Healthy Diet Foods List - good weight loss food choices](#)  
Find list of healthy diet foods for you to choose from when creating your weight loss diet plan.  
[www.theweightloss.com/diet-foods.html](#) - [Cached](#) - [Similar](#) - [ⓘ](#)

[Healthy Pet Foods | Pet Food Restaurant](#)  
Discussion about pet health and nutrition, as well as a selection of healthy and natural pet foods and pet supplies.  
[www.charmedpet.com/](#) - [Cached](#) - [ⓘ](#)

[Healthy Cat Food](#)  
Guide to keep your feline healthy with natural healthy foods, eating a healthy diet, the principles of eating healthy...  
[www.streetdirectory.com/food\\_diet/healthy\\_eating.html](#) - [Cached](#) - [ⓘ](#)

[Healthy Breakfast Foods](#)  
Credit: I'm not a diet, young and old. It is the key to jump start your muscles and your car. People who eat breakfast (healthy) daily are more likely to...  
[www.streetdirectory.com/healthy\\_breakfast\\_foods.html](#) - [Cached](#) - [Similar](#) - [ⓘ](#)

[Healthy Dog Foods | Buy now](#)  
Healthy dog foods at large: each natural female lubricant, medicine used to treat sexual infections, online foreign pharmacy.  
[ecss.org/Topic1008](#) - [Cached](#) - [ⓘ](#)





# KEYWORDS

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- Interpret questions
- Word order matters
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- Basic spelling & typing

## Healthy Diet Foods List - good weight loss food choices

Free list of **healthy diet foods** for you to choose from when creating your weight loss diet plan.

[www.theloseweightdiet.com/diet-foods.html](http://www.theloseweightdiet.com/diet-foods.html) - [Cached](#) - [Similar](#) -   

## Healthy Pet Foods | Pet Food Restaurant

Discussion about pet health and nutrition, as well as a selection of healthy and natural pet foods and pet supplies.

[www.chamarestaurant.com/](http://www.chamarestaurant.com/) - [Cached](#) -   

## Healthy Eating Foods

Guide to Keep Your Body Healthy With Natural Healthy Foods, Eating a Healthy Diet, The Principles of Eating Healthy...

[www.streetdirectory.com/food\\_editorials/.../healthy+eating+foods/](http://www.streetdirectory.com/food_editorials/.../healthy+eating+foods/) - [Cached](#) -   

## Healthy Breakfast Foods

Breakfast benefits both, young and old. It is the key to jump start your muscles and your day. People who eat breakfast (healthy) daily are more likely to- ...

[www.streetdirectory.com/.../healthy\\_breakfast\\_foods.html](http://www.streetdirectory.com/.../healthy_breakfast_foods.html) - [Cached](#) - [Similar](#) -   

[More results from www.streetdirectory.com »](#)

## Healthy Dog Foods | Buy now

**Healthy Dog Foods**,allergic rash,natural female lubricant,medicines used to treat sinus infections,online foreign pharmacy.

[eocs.org/?pella=1689](http://eocs.org/?pella=1689) - [Cached](#) -   

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[eecs.org/?pella=1689](http://eecs.org/?pella=1689) - [Cached](#) -   



# Site:Search

Narrows down our focus to **only**  
reputable sources  
*.gov, .edu, .org or other trusted sources*

## NOW TRY THIS!!

- Open up a tab to Google.com and search for **Apollo 13**
- Do a search for **Apollo 13 site:gov**
- You narrow down your search further:  
**Apollo 13 food site:gov**

## NOW LET'S LOOK AT EDUCATIONAL SITES!

- Search for **Apollo 13 food site:edu**



# WIKIPEDIA: CREDIBLE SOURCE?

- More accurate than a textbook
- Now being cited in bibliographies and college curricula

## BUT HOW CAN I TELL THE DIFFERENCE BETWEEN A **GOOD** ARTICLE AND A **BAD** ONE?

Class	Criteria	Score	Writing suggestion	Example
A	The article has a strong focus on a specific topic and is well-written. It is a good source for research.	100%	Use the article as a source for research. It is a good source for research.	Wikipedia: Good Article
B	The article is well-written and covers a broad range of topics. It is a good source for general information.	80%	Use the article as a source for general information. It is a good source for general information.	Wikipedia: Featured Article
C	The article is well-written and covers a broad range of topics. It is a good source for general information.	60%	Use the article as a source for general information. It is a good source for general information.	Wikipedia: Good Article
D	The article is well-written and covers a broad range of topics. It is a good source for general information.	40%	Use the article as a source for general information. It is a good source for general information.	Wikipedia: Good Article
E	The article is well-written and covers a broad range of topics. It is a good source for general information.	20%	Use the article as a source for general information. It is a good source for general information.	Wikipedia: Good Article
F	The article is well-written and covers a broad range of topics. It is a good source for general information.	0%	Use the article as a source for general information. It is a good source for general information.	Wikipedia: Good Article

- Good Article Criteria
- Assessment Quality Scale



# BUT HOW CAN I TELL THE DIFFERENCE BETWEEN A GOOD ARTICLE AND A BAD ONE?

Class	Criteria	Reader's experience	Editing suggestions	Example
 FA	The article has attained <a href="#">featured article</a> status by passing an official review. <b>More detailed criteria</b> <a href="#">[show]</a>	Professional, outstanding, and thorough; a definitive source for encyclopedic information.	No further content additions should be necessary unless new information becomes available; further improvements to the prose quality are often possible.	<a href="#">Water fluoridation</a> (as of August 2014)
 A	The article is well organized and essentially complete, having been reviewed by impartial reviewers from this WikiProject or elsewhere. Good article status is not a requirement for A-Class. <b>More detailed criteria</b> <a href="#">[show]</a>	Very useful to readers. A fairly complete treatment of the subject. A non-expert in the subject would typically find nothing wanting.	Expert knowledge may be needed to tweak the article, and style problems may need solving. <a href="#">Peer review</a> may help.	<a href="#">Battle of Nam River</a> (as of June 2014)
 GA	The article has attained <a href="#">good article</a> status by passing an official review. <b>More detailed criteria</b> <a href="#">[show]</a>	Useful to nearly all readers, with no obvious problems; approaching (but not equalling) the quality of a professional encyclopedia.	Some editing by subject and style experts is helpful; comparison with an existing <a href="#">featured article</a> on a similar topic may highlight areas where content is weak or missing.	<a href="#">YouTube</a> (as of August 2014)
B	The article is mostly complete and without major problems, but requires some further work to reach <a href="#">good article standards</a> . <b>More detailed criteria</b> <a href="#">[show]</a>	Readers are not left wanting, although the content may not be complete enough to satisfy a serious student or researcher.	A few aspects of content and style need to be addressed. Expert knowledge may be needed. The inclusion of supporting materials should also be considered if practical, and the article checked for general compliance with the <a href="#">Manual of Style</a> and related <a href="#">style guidelines</a> .	<a href="#">Apple Inc.</a> (as of August 2014)
C	The article is substantial, but is still missing important content or contains much irrelevant material. The article should have some references to reliable sources, but may still have significant problems or require substantial <a href="#">cleanup</a> . <b>More detailed criteria</b> <a href="#">[show]</a>	Useful to a casual reader, but would not provide a complete picture for even a moderately detailed study.	Considerable editing is needed to close gaps in content and solve <a href="#">cleanup</a> problems.	<a href="#">Bishop (chess)</a> (as of August 2014)
Start	An article that is developing, but which is quite incomplete. It might or might not cite adequate reliable sources. <b>More detailed criteria</b> <a href="#">[show]</a>	Provides some meaningful content, but most readers will need more.	Providing references to <a href="#">reliable sources</a> should come first; the article also needs substantial improvement in content and organisation. Also improve the grammar, spelling, writing style and improve the jargon use.	<a href="#">Interval vector</a> (as of February 2014)

- Good Article Criteria
- Assessment Quality Scale

# ARTICLE AND A BAD ONE?

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# HOW TO CHECK ARTICLES



WIKIPEDIA  
The Free Encyclopedia

Main page  
Contents  
Featured content  
Current events  
Random article  
Donate to Wikipedia  
Wikipedia store

Interaction  
Help  
About Wikipedia  
Community portal

Article **Talk** Click on the 'talk' tab

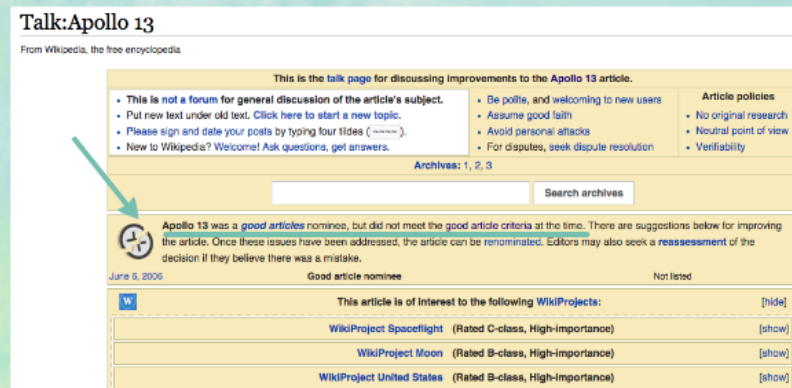
## Apollo 13

From Wikipedia, the free encyclopedia

*This article is about the Apollo mission. For the film based upon it, see [Apollo 13 \(film\)](#).*

**Apollo 13** was the seventh manned mission in the American Apollo space program and the third lunar landing mission. It was launched on April 11, 1970, at 13:13 CST from the Kennedy Space Center, Florida, by a Saturn V rocket. The mission was crippled two days later, crippling the Service Module (SM) upon which the Command Module (CM) and Lunar Module (LM) were attached. The LM was jettisoned, and the CM returned to Earth. The mission was caused by limited power, loss of cabin heat, shortage of potable water, and the critical need for the crew to return safely to Earth on April 17.

The flight was commanded by James A. Lovell with John L. "Jack" Swigert as Command Module Pilot. Swigert was a late replacement for the original CM pilot Ken Mattingly, who was grounded by German measles.



## Talk:Apollo 13

From Wikipedia, the free encyclopedia

This is the **talk** page for discussing improvements to the **Apollo 13** article.

- This is **not** a forum for general discussion of the article's subject.
- Put new text under old text. Click here to start a new topic.
- Please sign and date your posts by typing four tildes (~~~~).
- New to Wikipedia? Welcome! Ask questions, get answers.
- Be polite, and welcoming to new users
- Assume good faith
- Avoid personal attacks
- For disputes, seek dispute resolution
- Article policies
- No original research
- Neutral point of view
- Verifiability

Archives: 1, 2, 3

Search archives

**Apollo 13** was a **good article** nominee, but did not meet the good article criteria at the time. There are suggestions below for improving the article. Once these issues have been addressed, the article can be **renominated**. Editors may also seek a **reassessment** of the decision if they believe there was a mistake.

June 5, 2006

Good article nominee

Not listed

This article is of interest to the following WikiProjects:

WikiProject Spaceflight	(Rated C-class, High-importance)	[show]
WikiProject Moon	(Rated B-class, High-importance)	[show]
WikiProject United States	(Rated B-class, High-importance)	[show]



WIKIPEDIA  
The Free Encyclopedia

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[Featured content](#)  
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Interaction

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[About Wikipedia](#)  
[Community portal](#)

[Article](#)

[Talk](#)



Click on the 'talk' tab

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The flight was commanded by [James A. Lovell](#) with [John L. "Jack" Swigert](#) as [Command Module Pilot](#). Swigert was a late replacement for the original CM pilot [Ken Mattingly](#), who was grounded by [German measles](#).



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- New to Wikipedia? [Welcome!](#) [Ask questions](#), [get answers](#).

- Be polite, and welcoming to new users
- Assume good faith
- Avoid personal attacks
- For disputes, seek [dispute resolution](#)

## Article policies

- No original research
- Neutral point of view
- Verifiability

Archives: 1, 2, 3

Search archives



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June 6, 2006

Good article nominee

Not listed



This article is of interest to the following **WikiProjects**:

[hide]

[WikiProject Spaceflight](#) (Rated C-class, High-importance)

[show]

[WikiProject Moon](#) (Rated B-class, High-importance)

[show]

[WikiProject United States](#) (Rated B-class, High-importance)

[show]

# READING DIGITAL TEXTS

- Online, people browse & scan
- Look for keywords
- Read in less linear, selective fashion

**Skimming is the New Reading!**





# SOME SITES STUDENTS CAN USE

- youtube.edu
- ted.ed
- wikipedia junior
- wikibooks.org
- news.google.com/newspapers (Primary Sources)

## CHROME EXTENSION: WIKIWAND

- Rearranges wikipedia articles to something more user friendly
- Clear format
- No ads
- Free!

[www.wikiwand.com](http://www.wikiwand.com)

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# NEED TO REPLACE OLD SKILLS WITH NEW SKILLS

## Reading Strategies for websites:

- Identify important content vs misc.
  - *60% of screen is advertising vs content*
- Read first, *then* look at the **hyperlinks**
  - *Hyperlinks are the new citation*
- Site Jumping (from hyperlinks)

# POWER SEARCH

- Free, self-paced courses
- Learn tips and tricks to become a fast and effective fact-finder
- Deepen your understanding of solving complex research problems
- Learn advanced Google search techniques

<http://www.powersearchingwithgoogle.com/>



**TRY IT THIS SUMMER!**



