

SEARCHING FOR INFORMATION

The Internet is not the only source for information. Often libraries, librarians, databases, people, groups and organizations have information. Besides information on line is not always accurate or timely. Use several sources. Consider what is behind the source. Sometimes info needs to be verified. If you are making a report record the sources. A huge amount is on the Hidden secret Web. See Time Magazine fall 2013. Tor 300. IT stands for **Information Technology** is a field of study about managing and processing information & automatic retrieval of information. It includes telecommunications and software deployment. IT careers are on the rise and pay more. Computers will displace humans in 60 % of current occupations by 2030.

301. Be aware of the **thesearchenginelist.com** lists many and some are specialized **MUST SEE**

302. [Searching the Internet most efficiently done with proper search engine](#)

303. try **dogpile** meta search engine actually uses several other search engines

304. Search techniques phrase, **Ctrl f advanced** saves you time

305. **Ctrl f** works in browsers, and in most documents with text and **PDFs**

306. You can select the text or image you want and do a Ctrl C then can paste that into another doc

307. Getting Started on the Internet **CONNECTING** using cable, DSL, Dial up, WiFi, 3G or 4G

308. Using a Web Browser **BROWSERS** Chrome Firefox

309. Back button goes back a page, Forward goes forward, Bookmarks/Favorites save you time

310. Navigating **USE SCROLL BARS, PAGE UP, PAGE DOWN KEYS**

311. **Ctrl Home** goes to top of document **Ctrl End** goes to Bottom or further down

312. Use Address bar to type in the **URL** (web address AS A NAME) **SEARCH BOX** for criteria to find.

313. **Security and Settings** will demo

314. Working Offline or with other Applications uses locally stored pages

315. What is important about the Internet? One can get information and give information with other humans and other intelligent entities and or information/ data sources.

<http://www.accuweather.com/en/us> or justweather.com

316. Example the weather outside your house is threatening. The sky is black. You can go on to Fox2Detroit and see on the radar page exactly if a storm cell is headed for you. You can see on the radar by the colors and movement what is happening and whether you need to head for the basement.

317. Can you get that exact info anywhere else? Anytime/ No.

318. You need to see what time the auto repair shop opens but don't have even a phone number. Using Internet solves both problems quickly. whitepages.com try warren auto repair

319. You want to see what is playing at several theaters again no better way than Internet. **MJRtheaters**

320. Sending mail to many people. US postage is costly. Email is almost free and gets there immediately.

321. Want to publish a book. I am working on publishing book number 60. Or show people local history fotos. 140, 000 hits 8,000 actually look at it a month. macombhistory.us nothing is sold on this site

322. Shopping Want to buy a *Kaleidoscope*. or *Planetarium* What store would even have one. Best prices from a millions of stores. Travel discounts, pictures. Many things are best found now on Internet

323. Need a map of almost any place. Quick Driving directions MapQuest, **Google Maps**, Yahoo maps

324. **Google** has search engine to find info and **pictures** of almost everything maps, music, lyrics, history,

325. scientific articles on **scholar**, music, books movies, TV, android apps, videos, mail, cloud storage, Calendar, Picasa Find, edit and share your photos, News, Scholar papers, alerts,

326. **YAHOO** autos, dating, games, movies, music, news, real estate, shopping, travel, TV Weather, groups, Jobs, **kids**, Local, Maps, message boards, people search, **education Discussion groups, Yahoo, groups, hobbies, treasure hunting metal detecting family**

327. Gasoline prices now gasbuddy.com goes to **<http://www.detroitgasprices.com>**

328. Can you get the above at a library, or the store, or the newspaper or books but when you add to this the capability to search newspapers, written material in the libraries of the world you have a powerful resource to help you obtain knowledge.

329. <https://www.dreamspark.com/> free programs from Microsoft for students

330. video demo on Windows 8

331. What can be found at the MCC Library? Check on it you will be impressed with useful info

332. **Get Money** from Michigan <http://www.michigan.gov> click on unclaimed property
333. **Find a useful web page and show the class so everyone will learn about these resources.**
334. <http://www.softpedia.com/> 1000s of free programs
335. <http://www.multimedia-downloads.com/> Video & audio software, editors, burners, capture
336. **portableapps.com** has several productivity programs on a flash drive so you can use them anywhere
337. Facebook myspace google plus twitter **are known as social networking and Web 2**
338. http://download.cnet.com/YTD-Video-Downloader/3000-2071_4-10647340.html
339. <http://www.engadget.com/> all about gadgets like phones, news etc.
340. video search blinkx.com stumbleupon newsvine.com
341. **Privacy** the state of being free from intrusion or disturbance in one's private life or affairs: the **right** to privacy. Part of The forth and fifth amendment to the US Constitution
342. Other Chapter 1 notes Computers are tools offering us many benefits and they can be a curse depending on how they are used or misused. Becoming skillful and knowledgeable in use of computers will serve you well. The more you know the better for you. The less you know the better for those who want to use you.
343. **How to avoid eyestrain** Keep screen about 20 inches away and not higher than eyes. Take breaks
344. **E-mail two types client based and web based** Client based may be more prone to hacking
345. **Wiki** refers to collaborative sites such as Wikipedia How accurate is Wikipedia? Actually most of the time very accurate. Check out wiki books good free source of knowledge
346. **Blog / Weblog**, a personal journal posted on the web Video logs Vlogs see youtube.com see blog directorys like technorati.com blogcatalog.com. Free blog hosting on blogger.com and wordpress.com
347. splogs are spam blogs used to increase search engine rankings
348. **Podcasts** audio or video clip published MP3 Mp4 files edit by audacity.courseforge.net find at itunes.com, podcastalley.com podcastpickle.com. Podscope.com is podcast search engine
349. webcast is broadcast over Internet find professionals at guru.com elance.com
350. **RSS** feeds Really Simple Syndication XML file updating web page
351. **Twitter** personal text messaging service
352. Braingate neural interface can control a limb. Bluetooth offshored
353. **INTERNET** since 1969 **What is difference between Internet and WWW?** Internet is network of networks & equipment but WWW is billions of digital documents enabled by Mosaic 1993. **Web 2** is social networking myspace, facebook, twitter, web logs, video logs, wikis, podcasts, webcasts, VoIP, Newsgroups, chat
354. **Internet Two I2** is faster hardware allowing 1Gps-8.8Gbps bandwidth
355. Free email is available from Yahoo or Gmail.com hotmail.com is web based. ISP is client based
356. email is not private, not secure need PGP Pretty Good Privacy encryption to protect
357. **What is the cloud?** Using programs that are Internet based rather than ones on your PC
358. **What is good about cloud computing.** free, no need to install, lots of storage, good security
359. **What are cons of cloud?** Internet not always available, others may see what you are doing if you use **WIFI** or if unencrypted. Data can be lost in transmission. Does not work during power outages, or solar storms, in tunnels, in basements and at some public places. Requires internet setup. Using air card or cell fone is problematic and often very slow and sometimes expensive.
360. **Why Internet is important?** facilitates getting and giving information/knowledge quickly, inexpensively, trade, goods, cooperation, saves lives
361. How to add addresses to favorites. in browser click on Favorites or bookmarks, click Add, OK
362. **Echelon** government program that collects information on people including you
363. Not only are governments spying on you and collecting data but also are other groups and businesses
364. and so may be employers who can do this legally.
365. Don't go, search, do or say anything over a computer or fone that you don't want the world to possibly know. **Check out duckduckgo.com**
366. Where is the Internet censored? Many places. China, Jordan, Saudi Arabia, Vietnam, and the USA.
367. What is an **ISP?** Internet Service Provider

368. What are the **services of the Internet** E-Mail, Web, FTP, Discussion Groups, Telnet, Lists, messaging
369. **digital divide** World divided those who have digital access and Knowledge or not
370. **browser** program used to see web pages Firefox, Chrome, Explorer, Safari
371. **URL?** The total web address, the domain and computer name <http://www.yahoo.com/>
372. What is an **IP address?** 254.123.555.192
373. **top level domain names** .com .edu .org .mil .net .gov .bus .us .tv
374. What is **Esperanto?** The Easiest Language that can be learned in 10 minutes a day could save thousands of lives and prevent much misery because of non understandings. All humans need to understand each other especially in an emergency. There are hundreds of languages used around the world leading to non understand and much suffering, mistrust and thousands of deaths due to misunderstandings. Discussions help avoid conflicts and killings. Half of the words are like English.
375. Ways to connect to internet, fastest, is **cable, then DSL**. then: wireless, cell, air card slowest dialup.
376. How to clear out cookies and temporary files? Internet Options in IE or Tools Clear Private Data
377. **Home page?** the main page on a web site
378. What is a **client?** the computer being served such as your computer
379. What is a **server?** a computer that provides file service to client computers
380. a **Protocol** is a set of rules and standards to accomplish something
381. What is **HTTP?** the protocol used to control communication between web clients & servers
382. What is a **LINK?** a hyperlink connection pointer to a document or website.
383. What is **asynchronous?** not in synchronization like e-mail
384. What is **surfing?** looking at one site or page after another
385. What is **downloading** bringing files from server to a local computer. Uploading is to the server
386. What is **portal?** (Large Door) a website that offers a lot of links to others
387. What is **multimedia?** using text, and at least one of these video, audio, graphics and or VR
388. bread crumbs trail a pathway of how to get to a place
389. Web 3 **W3** semantic web 122 an evolving extension of the WWW in which info is defined in a way to make it more easily readable by computers. Preferences are added to a bot which does the searching and reads metadata not visible to humans saving you time.
390. **Plagiarism** claiming another persons work as your own. Ask me about business.
391. **E-Commerce B2C** Business to Consumer Amazon.com **C2C** Consumer to C Craigs List ebay
392. **Spam**= junk usually refers to junk email
393. **GIF** Graphics Interchange Format picture compression method makes files smaller limited to 255 colors therefore it is not great for portraits
394. What is audio? sound
395. What is **MP3**, and **OGG?** a method to compress sound files as much as 1/10 th the original size
396. **streaming?** file loading method so that they can be heard and or seen almost immediately
397. **VR** virtual reality computer generated reality used for simulations teaching or gaming
398. **avatar** a 3D representation of a participant in a virtual world
399. **JPEG?** **most common method of compressing foto files**
400. What are **plug-ins and add-ons?** helping programs for browsers. Name some Flash, Quick time
401. What is **FTP?** File Transfer Protocol used for transferring files on Internet click on download icon
402. What are **newsgroups?** Discussion boards on thousands of topics can be useful
403. What is **IM?** instant messaging
404. What is **netiquette?** etiquette on the Internet basic rule Do only as you would want to be done to
405. Why use it? Actually is safer and better **Flaming** is running people down, bullying, putting someone down Follow the rule Do only as you would want to be done to yourself because it is a small world and what goes around can come around back to you in much much worse deadly form. Use positive constructive criticism instead. Flaming can have serious negative consequences for both.
406. What is web publishing? uploading documents to an Internet server see scribd.com
407. How to track where children have been History, Cookies, Net Nanny
408. examples of **antivirus programs** AVG Free, Norton, McAfee, Kaspersky

409. examples of **anti-spyware** programs Spy Sweeper, CounterSpy, SpyBot, Ad-Aware
410. **firewall? hardware and software that stops undesirable traffic in and out** like Zone Alarm
411. What is **cyberterrorism?** terrorism using computers. It is now a serious threat to Americans
412. **What can you do to protect your computer?** Use a UPS and up to date Antivirus and anti spyware programs, don't open files or click on links sent by unknown persons. Check out AVG Free Use Ubuntu or other Linux OS. Or use MAC or Commodore computer. Turn off when not using.
413. **Malware** (like the word mal practice) **hostile programs such as computer viruses**, spyware, worms, Trojan horses, time bombs.
414. **How to safeguard your personal information** Don't give it out. Use a firewall. Store your data on a DVD, CD or USB stick, not on your hard drive. Do sensitive work on a pass-worded computer not hooked up to Internet. Password protect it and encrypt it.
415. Use U3 technology or StartKey.
416. **How to throw off crackers and those who collect information about you.** Give phony info, encrypt
417. **FAQ** frequently asked questions. the place to go for beginning or common questions
418. **Verichip** **implantable** RFID rice size used in **thousands of humans and animals for ID & tracking them** Also referred to as veri-med chip or personal ID chip
419. **RFID** see <http://www.michaeljournal.org/newtechno.htm> also see spychips.com
420. The **mu** chip is even smaller only as big as a dot of ink, and mu powder even smaller. **Can be placed in or on you without your knowledge and used to spy on you.** Can be placed in clothing, food, anywhere and allow that material or person to be tracked, inventoried, located, identified, fund, eradicated. See movie enemy of the state. Can be read from up to 10" Readers are under \$100 and can be bought and installed by anyone. Readers can be placed in doorways or public places and your information captured without your permission or knowledge and used against you. Can be used by Identity thieves. However it can have many other useful applications such as inventory, tracking food.
421. **Nano science** study of structures 1-100 nano meters in size
422. **Read about portableapps.com** Allows you to take your word processor, spreadsheet, music player, browser and other programs with you to any computer. Is free and useful.
423. **Affective computing deals with emotion**
424. **Max code** inkblot like code used to process packages by UPS
425. Data mining looking at a large amount of data to find a pattern.
426. Check the **searchenginelist.com** Lists many types, <http://www.20search.com/>
427. Here are some of them Dogpile FreeBookSearch.net Lexis Nexis AskMeNow FlixFlux Torrentz ThomasNet Alibaba.com Exalead SharePoint Omgili Wink Career Builder Craig's List Dice.com Hot Jobs (Yahoo) Monster.com SimplyHired.com MapQuest Google Maps Windows Live Maps Healix WebMD Info.com Kayak MetaCrawler Surfswax Turbo10.com WebCrawler YouTube scribed.com blinkx FindSounds MetaCafe Musgle PBS Google News NewsLookup.com Topix AnyWho Ex.plode.us Finding-People.com LinkedIn InfoSpace Spock Wink Zabasearch ZoomInfo Answers.com Ask AskMeNow eHow Scirus Nextag PriceGrabber PriceRunner Shopping.com Shopwiki Shopzilla TheFind.com Google Groups Kartoo. **You are to show the class at least two web sites that are useful and practical.** Avoid doing one which someone else has shown the class.
428. Wikipedia http://en.wikipedia.org/wiki/List_of_search_engines lists around 30
429. The following items allow communication directly between cell phones and mobile devices without going thru a server or Internet. These would be useful allowing people to communicate during emergencies or in times of government Censorship, Internet or cellular outages. They are faster than Bluetooth. **NFC Near Field Communication, Wi Fi Direct**, WiFi ad hoc mode and **WiFi-Opp**, a realistic opportunistic networking setup relying on (i) open stationary APs and (ii) spontaneous mobile Aps (i.e., smartphones in AP or tethering mode), and **DYTHR TOOL** broadcasting short message or news which can be seen by other WiFi devices nearby. Can be used with printers.
430. FireChat uses NFC or WiFi direct to search for free internet connections without a direct Internet connection
431. micron Also called micrometer. the millionth part of a meter.