The Knowledge Explosion

How to use internet tools to answer questions, solve problems, be entertained, learn, and even "travel"
Did you ever wonder:

Did you ever wonder how to find out how to do a certain task or procedure or to solve a particular problem?

Did you ever wonder how a certain surgery is done or what is involved in a particular operation or treatment?

Did you ever try to solve a problem and not know where to start looking for answers?

Was there ever a subject you wanted to learn more about but did not know how to take it?

Was there ever a place you wanted to visit but could not for any number of reasons?

Did you ever wish you could post a movie or photo montage that would be seen by a group or just your own family?
How will we answer these questions?

Learn about some of the tools we have available:

- Safari/Discussion groups
- iTunes/Music
- iTunes University
- Podcasts
- YouTube
- Apps
- AppleTV
Safari:
How can we find the answers to almost anything
When you open Safari you see

- Arrows for navigation
- Notebook
- Address line to enter a website address or a search subject
- Share icon
- Plus sign - add a page
- Stack of pages
- Favorites bar and maybe 3 dots
- Tabs
- Screen of something (tab or favorites or last opened page)
Page icons shows Favorites

- each one is clickable

- you can order them if you want by dragging
Safari is also how we browse the internet on our iDevices

- It uses iCloud to sync across devices
- It uses Keychain to remember your site passwords and credit card info
  - if you turn them on in Settings
Page stack shows all open sites

- An alternative way to get to previously opened pages to tabs
- Close them just like you do icons or by tapping the tab X
- Rearrange them or overlap if they are the same website
- Private browsing leaves no trace behind
  - click DONE to exit
- Close to return to Safari
The book on upper left shows:

- Bookmarks
- Favorites
- History
- Reading list -
  - use the share icon to put websites here
- Links to sites - note you can subscribe to them too
- Close the panel by clicking the book again
How do you use the share icon?

- When on a page you want to do something with (besides read it) click Share Icon
- You have many choices:
  - Copy
  - Print
  - Mail
  - Message
  - Tweet
  - Facebook
  - Add to bookmarks
  - Add to Reading list
  - Add to Home Screen
  - Open in other app
  - MORE
Safari Settings

- Settings/iCloud/Safari - on or off
- Settings/Safari
  - Search
  - General
  - Privacy & Security
  - Clearing
  - Advanced
How do we use Safari?

• Look up websites we know about

• Ask a question

• Look up a subject - be as simple as possible

• Google scholar

• Google earth

• Google maps

• Google Translate

Let's try some examples
Let's try some examples using Safari

- The Louvre / images / virtual tours / videos
- National Museum of China / images
- How to bake a cake
- Options trading
- Astronomy
- how to buy a Mac
- Communities including most magazines and hobbies
  - discussions.apple.com
  - intuit.com/communities
  - uglyhedgehog.com
Takeaways

• The first sites are SPONSORED with an agenda

• Watch the dates - sometimes it is old information

• Go to only reputable sites

• Don’t believe everything you read on the internet
iTunes/Music:
How we find almost any media
to listen, watch and enjoy
Three basic apps are important for music/media

- **Music** is for your library
- **iTunes music Festival** is the app for the annual show
- **iTunes Store** is how to buy more
- Others have apps too:
  - Amazon
  - Netflix
  - Disney
  - Google Play
Music

- Music can be organized by artist, album, song name, genre, playlist, composer, compilation

- iTunes radio lets you pick stations and listen to your favorite artists

- Genius selects different types for you

- If you use iTunes Match/music library, the music is kept in iCloud and streamed (CLOUD with ARROW)
iTunes Store lets you shop to your heart’s content

- Music
  - Recent releases
  - Genre
  - Albums
  - Free music
  - Redeem gifts or Starbucks tunes
  - Gift cards

- TV

- Movies
  - Works just like App Store
  - Shows past purchases
Settings/Music/iCloud Music Library

• Let’s you chose how to display your media
• How music library works
• General/iTunes & App Store:
  • Let’s you chose how to display your media
  • How music library works
  • You'll need AppleID of course

Let's try some examples
Let's try some examples using the iTunes Store

- apple.com/itunes
- Favorites
- Connect with artists directly
- iTunes charts shows what people are enjoying
  - www.apple.com/itunes/charts/
iTunes University: How we can learn subjects from any university in the world
iTunes University

- in iTunes Store click University
- Courses
- Lectures
- Lesson ideas
- Many categories
- Many are free!

Let's try some examples
PODCASTS: How can we have regular content on almost any subject of interest
What are Podcasts?

• Videos/Audios produced for a limited audience on a specific subject

• You can find almost any subject

• You can subscribe

• You can automatically download

• You can AirPlay on your TV through your AppleTV
The app is organized similarly to iTunes and AppStore

- My Podcasts
- My Stations
- Featured
- Top Charts
- Search
How much do they cost?

• Free
• Some charge
• Read carefully
Settings/ Podcasts

- Notifications?
- Settings for syncing and downloading
- Defaults

Let's try some examples
Let's try some Podcast examples

- Comedy
- Knitting
- Economics
- Kids
- Cooking
- Crime
YouTube: How can we SEE and HEAR things we are trying to learn about/interested in?
What is YouTube?

- World’s biggest video uploading website
- Use your Google single-sign-in or another email address and password
- You can have your own channel(s) [https://www.youtube.com/user/gayledorio](https://www.youtube.com/user/gayledorio)
- You can subscribe to others’ channels
- You can find any subject on YouTube!
YouTube statistics

- 1 Billion users
- Every day people watch hundreds of millions of hours on YouTube and generate billions of views
- The number of hours people are watching on YouTube each month is up 50% year over year
- 300 hours of video are uploaded to YouTube every minute
- Average length was 4 minutes 12 seconds in 2012
- ~60% of a creator’s views comes from outside their home country
- YouTube is localized in 75 countries and available in 61 languages
- Half of YouTube views are on mobile devices
- Mobile revenue on YouTube is up over 100% y/y
Settings/ YouTube
(All the way at the bottom with other apps)

• Notifications

• Background refresh?

• Do you want it to update while you are not using?

Let's try some examples
Let's try some YouTube.com examples

- How to be funny
- How to knit a sweater
- How to grow orchids
- How to change a sink trap
- How to cook eggs
- How to use Safari
APPS: How can we find apps that help us?
There's an app for that!

• Got a question or specialty?

• Lots of apps for every desire

• Reference apps
Weather
Yahoo has apps too

- News Digest
- Finance
- Sports
- Messenger (social media)
- Tumblr (social media)
- Flickr (photos)
• Click on App store

• Let’s download apps that deal with subjects you want

Let's try some examples
Here is the App Store menu

• Over a million apps
• Find by subject
• Find by title
• Find by Producer
• Use the searchlight to enter the name
  • Be as short as you can
• So you don’t limit the search
Search by category

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<tr>
<td>Books</td>
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<td>Productivity</td>
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Popular Near Me

- NBC2 Mobile
  - Local News News
  - FREE
- Naples Daily News
  - Naples News News
  - FREE

Best of October

Explore the finest new apps and games—the month's most memorable, skillfully crafted releases. Plus, enjoy superb offerings with impressive updates.

Incredible Apps & Games for iPad Air 2

iPad Air 2 takes apps and games to a whole new level thanks to a combination of powerful performance, better cameras, and the security and...
Some are free

- Don’t pay until you are sure there is not a free version that does almost what you want
See the ones that are on your Mac/iPad/iPhone

- Left column
Find the ones that are not on your iPad

- But have already been downloaded on some other of your devices

- Second column – not on this iPad - see down arrow and CLOUD again meaning they have to be downloaded
Updates to apps you already have

- You can set them to automatically update or not
- The ones that have been updated already say so
Books: How do we find deeper material on subjects of interest to us?
Book apps allow you to search

- iBooks
- iBooks Store
- Kindle
- Kindle Store
- Amazon has a wealth of information too
Tools about/from Apple

- Manuals are free in the iBooks Store

- I also like TUTOR series for learning about specific devices or software

- Get them from App Store

- $10 each and very good
Books and audiobooks

- Overdrive lets you borrow them from the library too
- Many free books
- Audible is now part of Amazon
AppleTV: What resources are available on the new AppleTV?
How do we use AppleTV to find things?

- Many things can be found there.
Online education

Learn anything, anywhere with Coursera for Apple TV. You’ll have access to courses on business, computer science, data science, the humanities, and more—all developed by top universities from around the world. Earn certificates from top universities from around the world. Earn certificates from top universities from around the world.
Lifestyle, health, fitness, etc
Thanks for listening

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