What will these devices do?

<table>
<thead>
<tr>
<th>Email</th>
<th>Take Pictures</th>
</tr>
</thead>
<tbody>
<tr>
<td>Keep an address book</td>
<td>Play music and videos</td>
</tr>
<tr>
<td>Keep a calendar</td>
<td>Display maps and</td>
</tr>
<tr>
<td>Messaging</td>
<td>give directions</td>
</tr>
<tr>
<td>Browsing the Internet</td>
<td>Read books and</td>
</tr>
<tr>
<td>Games</td>
<td>magazines</td>
</tr>
<tr>
<td></td>
<td>Many other things</td>
</tr>
</tbody>
</table>

March 7: “Taking photos & videos”
March 14: “Maps, calendars and reminders”
March 21: “Buying Apps”
March 28: "Notes and Word Processing"
April 11: “Security, Siri & Troubleshooting”
Everything is done by running an app

2 Types of Apps

Built in apps from Apple

Purchased Apps (both free and for a fee)

Built in Apps

Activity
Calculator
Calendar
Camera
Compass
Contacts
Facetime
Find Friends
Find iPhone
Game Center

Health
iBooks
iCloud Drive
Mail
Maps
Messages
Music
Notes
News
Photos
Podcasts
Reminders
Safari
Stocks
Stores
App Store
iTunes Store
Tips
TV (formerly Video)
Voice Memos
Wallet
Weather

Purchased Apps

Millions of them

“There is an app for that!”

OK!
Here we go….
Operating system

iOS

- Controls everything the device will do
- Updated yearly
- Currently is iOS 12 (12.1.1 on iPad, 12.1.2 on iPhone)
  - Runs on iPhone 5S, iPad Mini 2 and iPad Air or newer

To get the best use out of the device, you must know a little about iOS

Operating system

iOS is the same for both the iPad and the iPhone

- Well, almost

The difference between them is the hardware in each device (in iOS 12 there are iPad only features)

- iPhones have WiFi and carrier network (data and phone) and GPS
- iPads all have WiFi but some have carrier network (data only) and GPS capability

WiFi

- Short range - up to 300ft
- 2 types
  - Secured
  - Unsecured

Secure WiFi

- Requires a password
- encrypted
  - look for the padlock in ➔Settings ➔WiFi:
- Safe to use for sensitive information
Unsecured WiFi

ie: Starbuck or Hotels
No lock symbol in SettingsWiFi:
May still require a password for permission to use the WiFi
Open transmissions and receipts so they can be viewed by others

Use with caution
http:// - beware
https:// - safe as long as it doesn't go back to http://
When in doubt, don't!!!!!!

CSUF networks

eduroam
Secured with high encryption
requires a CSUF account & password
To get an account you need a CWID and Pin #

Re: CSUF accounts

Has always been mandatory for CSUF students, faculty and staff
Now mandatory for OLLI members
Benefits
Secured WiFi access at many Universities and Museums
csu.fullerton.edu email address can get software and other discounts
lynda.com tutorials
CSUF networks

CSUF-GUESTz

unsecured

does need a password which you can receive via email or by text

good for 3 hours at a time

Carrier Networks

Paid access from Carriers such as:

- ATT
- Verizon
- T-Mobile
- Sprint
- etc., etc., etc. (usually leased from major carriers)

Carrier Networks

Radio waves with a range of 1 to 5 miles

Used for data

paid for by monthly data transfers in Giga Bytes

Roaming rights
- Domestic
- International

Speeds
- LTE, 4G, 3G, E

Data Plans

Rates are based upon how much data is available

- Unlimited (restrictions may apply)
- # Gigabyte limits

Family and individual plans

Many carriers and vendors
Phone plans

A separate type of connection with its own billing plans

rates are based upon the minutes of phone calls and the number of text messages per month

Individuals and family plans are available for both phone and data plans

Buttons and Physical stuff

Sleep/Awake button (iPhone X, XS, XR "side button")
Volume buttons
Mute or Orientation switch. (iPad may not have it)
Speakers
Microphones
Back and Front Cameras & flash (some iPads don’t have it)
Lightning connector
Headphone jack (gone on iPhone 8 and newer)
Home button (except iPhone X, XS, XR)

lynda.com

Many tutorials including iPhone/iPad
iOS 12: iPad & iPhone Essential Training

Buttons and Physical stuff

Explanations below are not for the iPhone X

MacWorld article on iPhone X, XS, XR gestures

Sleep, awake and shutdown

Wake it up
- Click home button or press sleep/awake button
- Tap iPhone X, XS, XR screen
Lock it
Shutdown
When to let it nap
→Settings→Display & Brightness→Autolock

Basic Security

Passcode (not Password)
→Settings→Touch ID & Passcode→Turn Passcode On (Off)
→Settings→Touch ID & Passcode→Require Passcode

Finger Gestures

Tap
Tap & Hold
Drag
Flick
Hard Press (only newer iPhones)
Pinch in/out
Double tap

Basic Security

Touch ID
→Settings→Touch ID & Passcode→Add a Fingerprint
Set up a fingerprint
label it
Basic Security

Face ID (iPhone X and 2018 phone)

➡️ Settings ➡️ Face ID & Passcode ➡️
Set up a Face ID

Apple article on Face ID

Sounds

You can adjust the sounds for many actions

➡️ Settings ➡️ Sounds
Ringtones
Other actions

Control Center

† from below the screen (On iPhone X or newer ‡ from upper right horn)

Top Section
- Airplane mode
- WiFi (turns on/off local WiFi connection)
- Bluetooth (turns on/off local Bluetooth connection)
- Orientation lock
- Do not Disturb
- Mute (iPad)
- Brightness
- Volume

Control Center

† from below the screen (On iPhone X or newer ‡ from upper right horn)

Music Section
- Play
- Reverse
- Fast Forward
Hard press (or long press) to get more controls including
- Volume
- Redirect sound
Control Center

↑ from below the screen (On iPhone X or newer
↓ from upper right horn)

Screen Mirroring (AirPlay Section)
Stream audio, video

Notifications

↓ from above screen (iPhone X, XS, XR ↓ from the left horn)

Today (Widgets)
Finger swipe to the right
Select from Edit at the bottom of the screen

Notifications
Selected apps can send a notification based on you selection at Settings > Notifications

Camera (swipe left)
Home Screen

As many screens as you need
Navigate by flicking or dragging
Move icons by tap and hold until icons shake
  Then drag icon to place or screen you want
Delete icons by pressing the x (can hide but not delete Apples built in apps)
End the edit by pressing the Home Button, or swipe up from below the screen for the iPhone X, XS, XR

Create a folder

Tap and hold an icon until the icons shake
Drag the icon on top of another icon
When it create the gray folder you may change the suggested name it has created
Icons can be dragged in and out of folder that are already created

Typing

Virtual keyboards
Changes based on what you are going to type
Text Replacement (Shortcuts) to make typing faster
  ➜ Settings ➜ General ➜ Keyboard ➜ Text Replacement

Typing

Can change keyboards for many languages
  ➜ Settings ➜ General ➜ Keyboard ➜ Keyboards ➜ Add New Keyboard…
Typing

Skills to know

The character is selected when you let go of a key
Copy & paste
Shake to undo
What is underneath some keys
Hold & slide numeric/alpha key

Alternatives to Typing

Siri
Audio input
Bluetooth and wireless keyboards
Magnetically connected keyboards
iPad Pro only at this point

Your Apple ID

Software Updates
Tips

• Auto lock timing adjustments
• Turn off Control Center Access on Lock Screen
• Correct Siri’s pronunciation of names

2 Factor Authentication

Apple web page on 2 Factor Authentication

When you try to access your Apple ID account
Code is sent to trusted device
Can have a text or call to a trusted phone #