

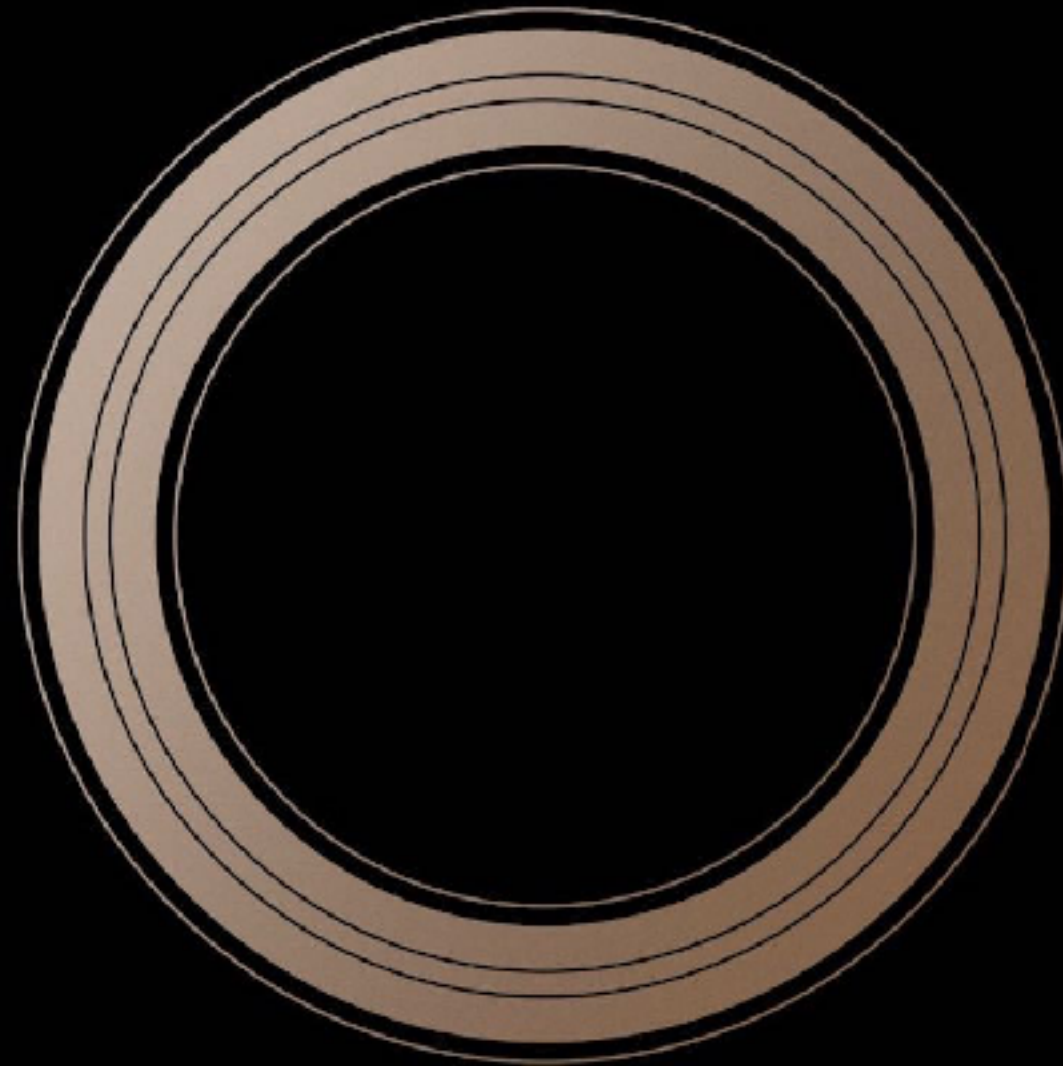


# iDevices SIG



iPhone - iPad - Apple Watch - Apple TV -  
iPod - AirPods - HomePod  
Apps and iTunes

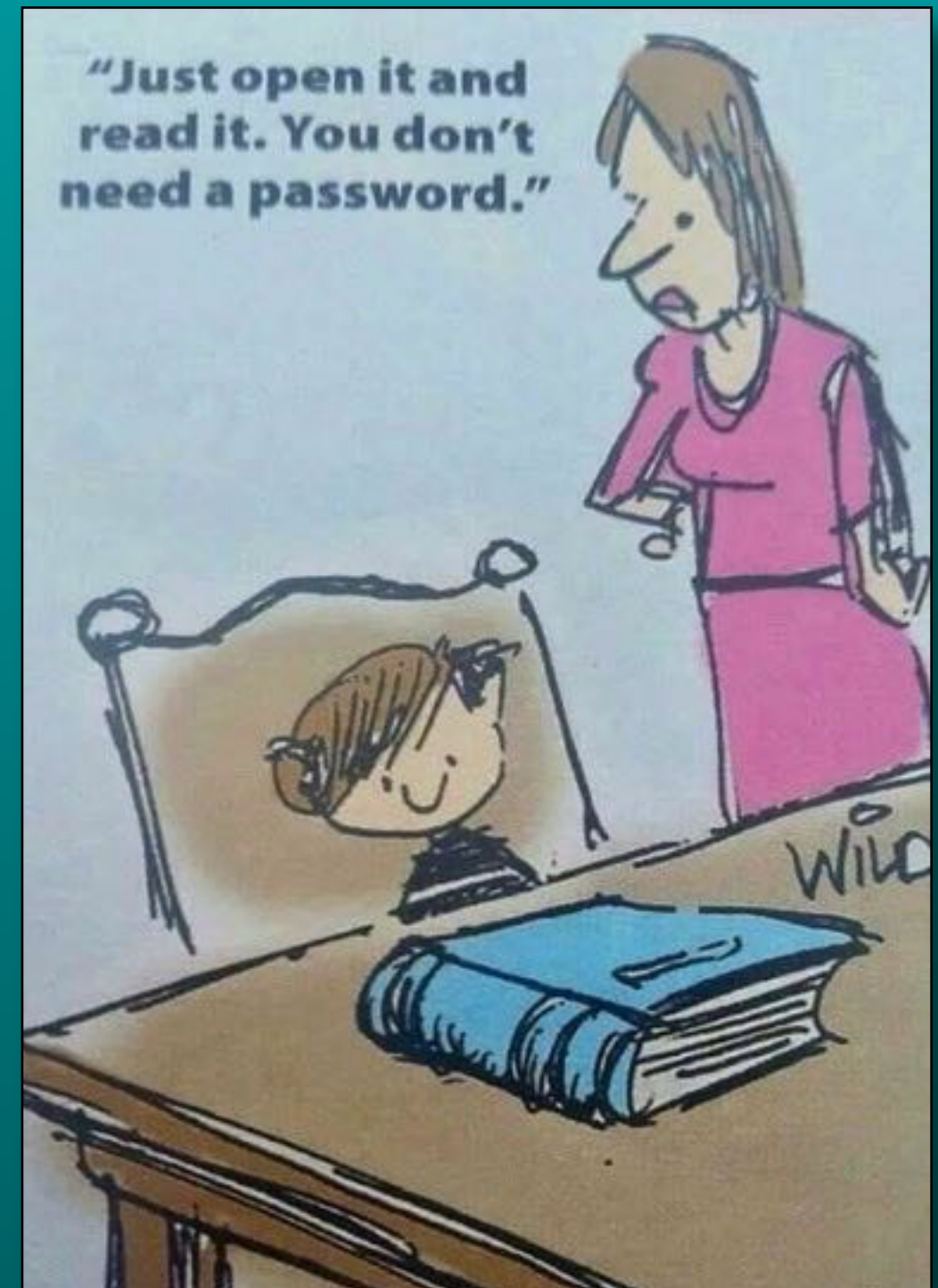
**September 2018**



**Gather round.**



# Modern Life

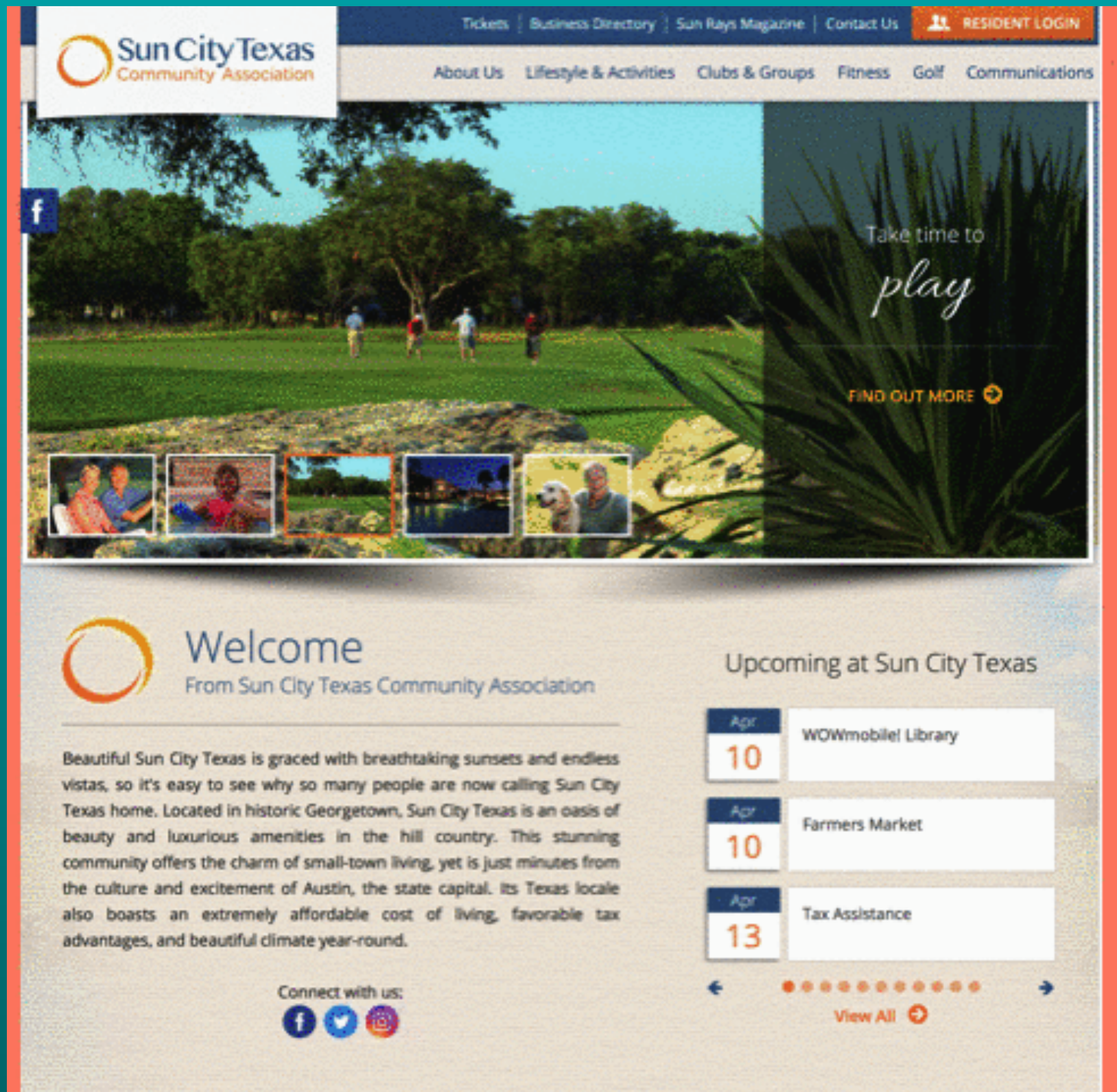





# iDevice SIG Meeting Notes

Posted on the  
Computer Club's  
web page.

[Click to view or  
download  
meeting notes](#)



# Official Reference Materials

iPhone	<a href="https://support.apple.com/iphone">https://support.apple.com/iphone</a>
iPad	<a href="https://support.apple.com/ipad">https://support.apple.com/ipad</a>
 Watch	<a href="https://support.apple.com/watch">https://support.apple.com/watch</a>
Apple ID	<a href="https://support.apple.com/apple-id">https://support.apple.com/apple-id</a>
iTunes	<a href="https://support.apple.com/itunes">https://support.apple.com/itunes</a>
Apple TV	<a href="https://support.apple.com/apple-tv">https://support.apple.com/apple-tv</a>
Apple Music	<a href="https://support.apple.com/music">https://support.apple.com/music</a>
iPod	<a href="https://support.apple.com/ipod">https://support.apple.com/ipod</a>
AirPods	<a href="https://support.apple.com/airpods">https://support.apple.com/airpods</a>
Apple Pay	<a href="https://support.apple.com/apple-pay">https://support.apple.com/apple-pay</a>
iCloud	<a href="https://support.apple.com/icloud">https://support.apple.com/icloud</a>
Apps	<a href="https://support.apple.com/apps">https://support.apple.com/apps</a>
Pro Apps	<a href="https://support.apple.com/pro-apps">https://support.apple.com/pro-apps</a>
Manuals	<a href="https://support.apple.com/en_US/manuals">https://support.apple.com/en_US/manuals</a>



# Apple Rumors

## Rumor Mill

- iPad Pro
  - USB-C charging port
  - Face ID
  - 18w USBC charger
- Low Price MacBook
  - Touch ID without the Touch Bar
- AirPods 2
  - New wireless charging case
  - 'Hey Siri' feature
  - Water resistance



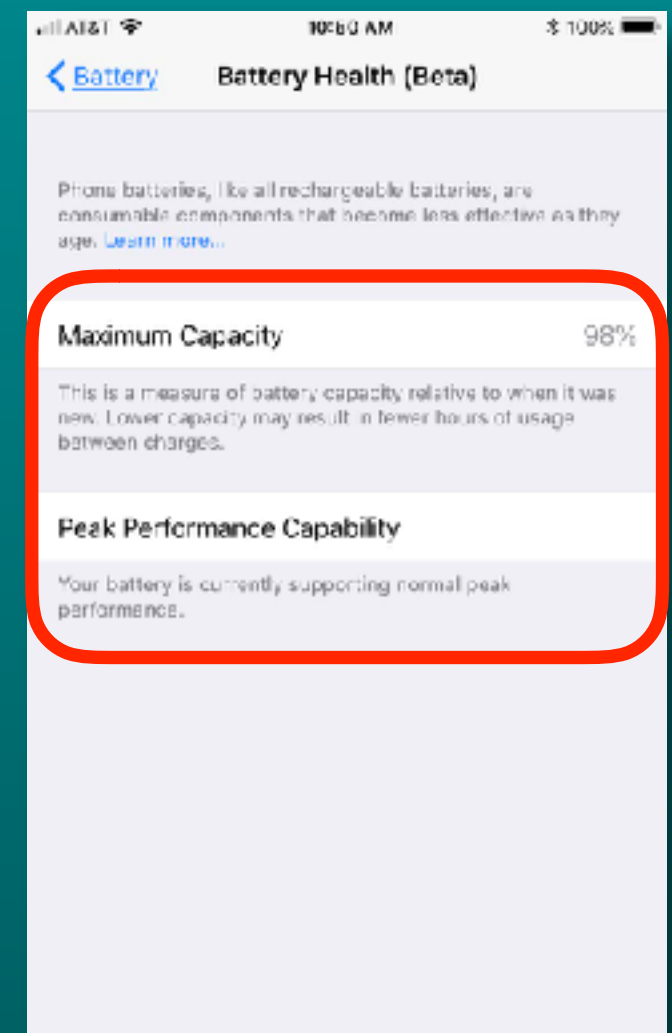
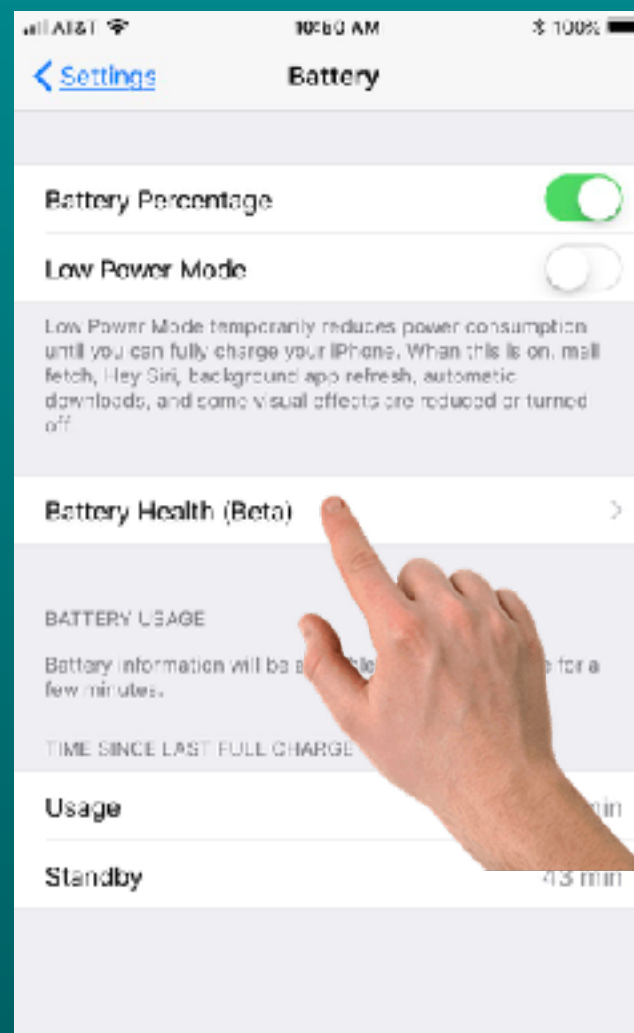
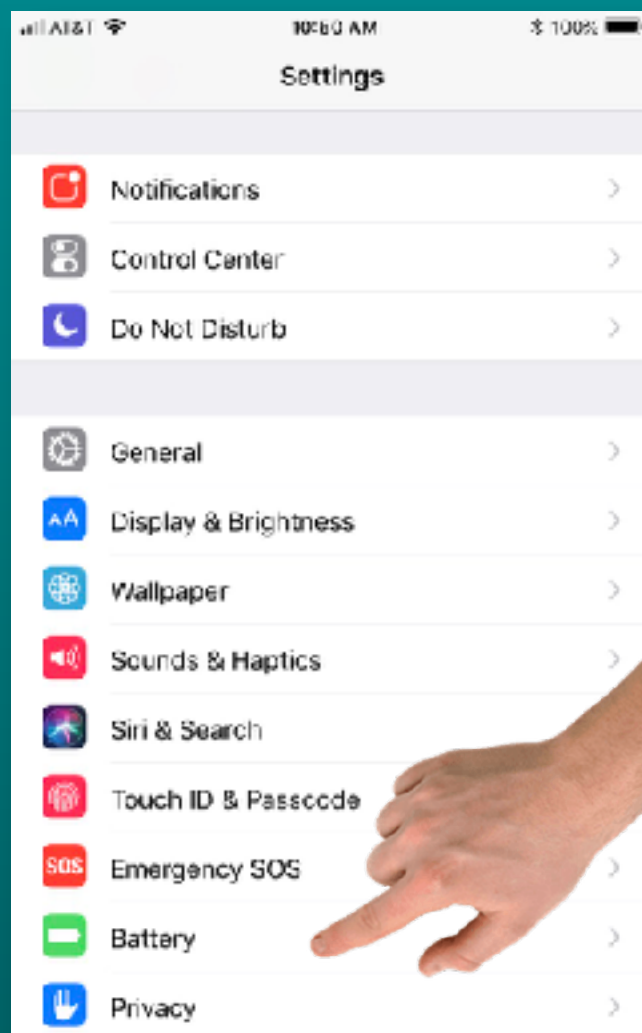




# Apple News



- iPhone \$29 battery replacements ending Dec 31
- Price goes back to \$79



# New iPhone XS and XS Max

iPhone Xs Max  
6.5" display<sup>1</sup>



iPhone Xs  
5.8" display<sup>1</sup>

# New iPhone XS and XS Max

- OLED HDR display
- Dual Camera
- A12 Bionic Chip
  - 7-nanometer technology
  - Increases speed
  - 50% less power used
- Gold, Silver, Space Grey





# iPhone XR - It Comes In Colors



# iPhone XR - Tech Specs

- **6.1 inch LCD screen**
  - **Retina display**
- **Aluminum body w/glass back**
- **Six color choices**
- **A12 Bionic Chip**
- **Single Camera**
  - **Portrait mode thru software**
- **Face ID - no Touch ID**
- **64GB, 128GB, 256GB storage**
- **Price starts at \$749**





# iPhone XS vs XR

- **OLED display vs LCD**
  - XS            5.8 inch display
  - XR            6.1 inch display
  - XS Max    6.5 inch display
- **Dual Sim capability on XS/Max**
- **No 512GB storage option on XR**
- **Water resistance**
  - IP68 for XS - seven feet of water for 30 mins
  - IP67 for XR - quick dip in water



# New iPhones - Size Comparison



iPhone Xs Max

iPhone 8 Plus • iPhone 8

iPhone Xs

iPhone Xr

iPhone 8 Plus • iPhone 8



# New iPhones - Camera(s)

- Improved sensors
  - Faster processors
  - Larger pixels
- Advanced Portrait mode
  - Depth control - Keynote 1:12:30
- Front facing camera w/depth control
- Smart HDR - better action photos
- Improved Video Quality



# New iPhone Comparison Chart

	iPhone XS	iPhone XS Max	iPhone XR
<b>Display size, resolution</b>	5.8-inch Super Retina OLED; 2,436x1,125 pixels	6.5-inch Super Retina OLED; 2,688x1,242 pixels	6.1-inch LCD Retina Display; 1,792x828 pixels
<b>Pixel density</b>	458 ppi	458 ppi	326ppi
<b>Dimensions (Inches)</b>	5.7x2.8x0.3 in	6.2x3.0x.3 in	5.9x3.0x0.33 in
<b>Dimensions (Millimeters)</b>	143.6x70.9x7.7 mm	157.5x77.4x7.7 mm	150.9x75.7x8.3
<b>Weight (Ounces, Grams)</b>	6.24 oz; 177g	7.3oz; 208g	6.8oz; 194g
<b>Mobile software</b>	iOS 12	iOS 12	iOS 12
<b>Camera</b>	Dual 12-megapixel	Dual 12-megapixel	Single 12-megapixel
<b>Front-facing camera</b>	7-megapixel with Face ID	7-megapixel with Face ID	7-megapixel with Face ID
<b>Video capture</b>	4K	4K	4K
<b>Processor</b>	Apple A12 Bionic	Apple A12 Bionic	Apple A12 Bionic



# New iPhone Comparison Chart

	iPhone XS	iPhone XS Max	iPhone XR
<b>Storage</b>	64GB, 256GB, 512GB	64GB, 256GB, 512GB	64GB, 128GB, 256GB
<b>RAM</b>	N/A	N/A	N/A
<b>Expandable storage</b>	None	None	None
<b>Battery</b>	N/A, but Apple claims it will last 30 min. longer than iPhone X	N/A, but Apple claims it will last 90 min. longer than iPhone X	N/A, but Apple claims it will last 90 min. longer than iPhone 8 Plus
<b>Fingerprint sensor</b>	None (Face ID)	None (Face ID)	None (Face ID)
<b>Connector</b>	Lightning	Lightning	Lightning
<b>Headphone jack</b>	No	No	No
<b>Special features</b>	Water-resistant (IP68); dual-SIM capabilities (nano-SIM and e-SIM); wireless charging; Face ID, Animoji	Water-resistant (IP68); dual-SIM capabilities (nano-SIM and e-SIM); wireless charging; Face ID, Animoji	Water-resistant: IP67, dual-SIM capabilities (nano-SIM and e-SIM); wireless charging; Face ID, Animoji

# New iPhone \$ Comparison Chart

	64GB	128GB	256GB	512GB
iPhone XR	\$749	\$799	\$899	N/A
iPhone XS	\$999	N/A	\$1,149	\$1,349
iPhone XS Max	\$1,099	N/A	\$1,249	\$1,449

**AppleCare+ for XS / XS Max = \$199**

**AppleCare+ for XR = \$149**



# 🍏 Watch Series 4

- GPS or GPS + Cellular
- Case - 40mm or 44mm
- Larger Display
  - Smaller Bezel
  - More complications
    - Up to 8 at a time
    - Information rich
- Slightly heavier
- Slightly thinner



# 🍏 Watch Series 4 - Tech Specs

- Speaker 50% louder
  - Phone calls
  - Walkie-talkie (WatchOS 5)
- Processor chip now 64 bit
- Electrical heart sensor (ECG)
- Upgraded optical heart sensor
- Motion detectors updated
  - Accelerometer
  - Gyroscope
- Bluetooth 5.0
- Digital Crown w/haptic feedback
- Compare Series 4 and Series 3



# Watch Series 4 - Health

- **Cleared by FDA \***
- **Electrical heart sensor**
  - **Can do ECG on wrist**
  - **Data encrypted and stored in Health App on iPhone**
  - **Data sharable w/Dr**
  - **Available later this year**
- **Low heart rate alert**
- **Monitors heart rhythm**
  - **Atrial-fibrillation detection**





# 🍏 Watch Series 4 - Health

- **Accelerometer/gyroscope**
  - Can detect a fall
  - Prompts for 911 call
    - And emergency contacts




# Watch Series 4

- **Aluminum - Space gray, Silver, Gold**
  - \$399 40mm GPS
  - \$429 44mm GPS
  - \$499 40mm GPS + Cellular
  - \$529 44mm GPS + Cellular
- **Aluminum Nike+**
  - Same \$\$ as above
  - Comes with different band options
- **Stainless Steel**
  - GPS + Cellular only
  - + \$200 above aluminum models



# Apple Watch Series 4



- AppleCare+ = \$79
- Preorders start September 14
- Available in  Store on September 21
- Apple trade in program for watch



# 🍏 Software Releases

- Monday September 17

- iOS 12 for Phone / iPad
- WatchOS 5 for all 🍏 Watch series
- TVOS for 🍏 TV 4 and 🍏 TV 4K
- HomePod Update



- Monday September 24

- MacOS Mojave





Questions?

Wait for the microphone

Next Meeting Friday October 14

Please help with the chairs if you can