

Computer Know How Series

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Windows & Android Tablets and Phones – Thursday July 14th 2016 @ 2pm

- 1) Device Orientation (know your device)
 - a. Physical Device (specifications)
 - i. Buttons/Switches – Home Button, Sleep/Wake Button, Volume, Silence/Rotate Lock, App Switcher (soft button), Back Button (soft button)
 - ii. Ports/Sensors – Charge/USB Port, Mic, Speaker(s), Camera(s), Card Reader (micro SD) Cellular/WiFi/Bluetooth/GPS Antennas/NFC, Proximity Sensor, 3-Axis Gyroscope, Ambient light sensor, Accelerometer, Barometer
 - b. Operations System (OS) and Updates
 - i. Operating Systems - Microsoft Windows 8 or 10 (Home or Pro), Google Android (Donut, Eclair, Froyo, Gingerbread, Honeycomb, Ice Cream Sandwich, Jelly Bean, Kitkat), Kindle OS (Android Based OS), Other Android Based OSes (Kids, Specialty Devices)
 - ii. Updates (Setting > Update/System Update), FREE Windows 10 Upgrade ENDS 7/29/2016
 - c. Security & Sleep/Wake
 - i. Unlock (Button > Swipe), Lock & Auto Lock Options (passcodes)
 - d. Identify your Device (Settings > General > About)
 - i. Name, Network (Cell), Capacity, Version (OS), Model
- 2) Connectivity
 - a. Cellular Carriers (AT&T, Verizon, Sprint, T-Mobile), Cellular Data (2G, 3G, 4G HSPA+, 4G LTE)
 - b. WiFi (Local Wireless Network), Bluetooth (Short Range Wireless), GPS (Global Positioning System)(Receive Only), NFC (Near Field Communication)
- 3) Gestures
 - a. Swipe(s) (←↑→↓), Tap, Tap & Hold, Double Tap, Double Finger Tap, Pinch (in/out)
 - b. App Switcher and back Button
- 4) Notifications
 - a. Notification & Control Center
 - b. Phone, Messages & Mail
 - c. 3rd party Notifications
- 5) Limitations
 - a. Hardware - Battery (Some User Replaceable), Screen Replacement (glass and display), Button Failure/Replacement (mechanical)
 - b. Software - File Storage (USB, WiFi, Apps), 3rd party apps (only from App Store)
- 6) Apps
 - a. Phone (phones only), Contacts, Messages (SMS, MMS), Mail, Calendar, Camera, Photos, Web Browsers, Maps, Music
 - b. Wallet/Google/Android Pay (uses NFC for secure transactions)
 - c. 3rd Party (depends on user usage) (App Store)
- 7) Cloud (Sync, Security, Backups)
 - a. Mail, Calendar, Contacts, Reminders, Photos, Documents, Notes, Bookmarks, Backups
- 8) Troubleshooting & Maintenance
 - a. App Termination, Restarting, Cases & Screen Protectors

9) Links

- a. Android - <https://www.android.com/history/>
- b. Android (OS) - Wikipedia - [https://en.wikipedia.org/wiki/Android_\(operating_system\)](https://en.wikipedia.org/wiki/Android_(operating_system))
- c. Google Play Store - <https://play.google.com/store/apps?hl=en>
- d. Android Central - <http://www.androidcentral.com>
- e. Windows - <http://www.microsoft.com/windows>
- f. Windows History - Wikipedia - https://en.wikipedia.org/wiki/History_of_Microsoft_Windows
- g. Windows Timeline - https://en.wikipedia.org/wiki/Timeline_of_Microsoft_Windows
- h. Windows Phone - <http://www.microsoft.com/windows/phones>
- i. Windows Store – <http://www.windowsstore.com>
- j. Evolution of Windows - <https://www.theguardian.com/technology/2014/oct/02/from-windows-1-to-windows-10-29-years-of-windows-evolution>