

A. Know Your iPhone

- Settings
 - General
 - About
 - Capacity (16, 32, 64, 128 GB)
 - Available Space
 - Version of iOS
 - Photos & Camera
 - Turn on Grid
 - Record Video Settings (4K on 6s and up)
 - Slo Motion Settings (6s and up)
 - HDR – Keep Normal
 - iCloud Photo Library (5GB free – not enough)
 - My Photo Stream, (Can't do with iCloud Photo Library)
 - Update Burst Photos
 - Summarize Photos
 - Show Holiday Events

B. Features

- Set Focus
- Adjust Exposure
- Lock Focus and Exposure, AF/AE
- Flash
- HDR
- Live (6s and up)
- Timer for Burst to start
- Filters
- Burst
- Panorama (6s and up)
 - Horizontal: from left or right
 - Vertical: from bottom or top
- Square
- Video: (Stabilized on 6s and up)
- Slo Moton: Tripod
- Time-Lapse
- Shutter Release
 - Button
 - Volume Buttons
 - Headphone volume for Remote

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- Geotag: Need Location Services turned on
 - Details: view on Map or Grid
 - View info in ViewExif App

C. Photos App

- Photos
 - Moments
 - Collections
 - Years
 - Memories (iOS 10, 6s and up)
- Albums
 - Camera Roll
 - Favorites
 - People
 - Places
 - Videos
 - Selfies
 - Panoramas
 - Time-lapse
 - Slo Mo
 - Bursts
 - Screenshots
 - My Photo Stream (iOS 10)
 - Recently Deleted *** Very Important to Understand
 - My Albums
- Delete Photos – Two Steps Required
 - Choose and Touch Trash Can
 - Photo placed into the Recently Deleted Album
 - It will stay in Recently Deleted Album for about 29 days
 - To recover room Delete from Recently Deleted Album

D. Editing Tools

- Magic Wand – One click improvement
- Rotate and Crop and Aspect Ration
- Adjust
 - Light
 - Brilliance
 - Exposure
 - Highlights
 - Shadows

- Contrast
- Black Point
- Color
 - Saturation
 - Contrast
 - Cast
- B&W
 - Intensity
 - Neutrals
 - Tone
 - Grain
- Filters
 - Mono, Tonal, Noir
 - Fade, Chrome, Process
 - Transfer, Instant, None
- Extensions for other Apps you have
- Markup Photo: Put text on photo
 - Tap Three dots ... and scroll to Markup option
 - Tap the small t and choose a color and select Aa
 - Choose font and size and type in text field
 - Move field to desired location and tap Done
- Edit Video
 - Select a video clip and tap Edit bars
 - Drag in the ends and tap Done

E. Sharing Photos

- Airdrop (to Mac 2012 Yosemite and up)
- Messages
- Email
- Social Media
 - Facebook, Twitter, Instagram, need an accounts
 - Be Careful of Geo-Tags
- Duplicate
- Print to WiFi Printer

F. Taking Good Pictures

- Composition
 - Rule of Thirds
 - Keep it Simple, some negative or blank space
 - Close-up Details

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- NEVER ZOOM the Screen
- Can use Macro lens
- Use feet to get close
 - Change Angle
 - Remove Distractions
- Crop Afterward
- Leading Lines
- Include Shadows
- Reflections
- Symmetry
- Silhouettes
- Different Lighting
 - Bright Sunlight, not best
 - Don't Overexpose
 - Good for Sports, action – uses fast shutter speed
 - Move subject to shade
 - Change perspective
 - Cloudy
 - Add some color to photo
 - Good for Macro
 - No Shadows
 - Golden & Blue Hours
 - Before and After Sunrise and Sunset
 - Different Color Temp. White Balance
 - Slow Shutter App
 - Window Light
 - East & West windows best all day
 - Portraits
 - Still Life
 - Silhouettes
 - Artificial – night
 - Difference kinds, different colors
 - Front Light – Even
 - Back Light – Silhouettes

G. Moving Subjects

- Freeze Motion
 - Needs fast shutter speed
 - Needs plenty of light

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- Burst Mode
 - Multiple rapid shots
 - Choose the best
- Motion Blur
 - Keep camera steady for sharp background
 - Use in darker scenes
 - Faster subjects work better
 - Steady camera or use Tripod & shutter release
 - Will smooth water in waterfalls
- Slow Shutter Cam App
 - Tripod required
 - Avoid wind

H. Tripods

- Long Exposures
- Night & Low Light
- Landscapes
- Golden hour
- Macro & Close-up
- Different Angles
- Waterfalls, water, waves, etc
- Architecture
- Portraits
- *** Videography
- *** Time-Laps & Slow Motion

I. Apps

- Snapseed – Edit – Free
- Enlight – Camera and Creative Editor - \$3.99
- Touch Retouch – Editor, remove unwanted parts - \$1.99
- PS Express – Editor - Free
- SuperImpose – put two photos together - \$.99
- ManCam – Set manual setting - ?
- Slow Shutter Cam – for dark scenes, Need a tripod - ?
- SKRWT – Change perspectives - \$1.99
- Pro HDR X – Camera - \$1.99
- Many Creative Apps
 - Search App Store
 - Read Reviews
 - Watch for In-App Charges

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- Often Editing Apps save their photos in their own Album in your Photos
- Google Search for Tutorials on each App

J. Printing

- What Quality do you need?
 - Does it need to be sharp?
 - How far away will it be viewed?
- More Pixels means Larger Picture
- Understanding PPI (Pixels Per Inch)
 - Higher PPI, smaller pixels, sharper print ie. 300 ppi
 - Lower PPI, larger pixels, fuzzier print, ie. <150 ppi

Maximum Print Sizes For iPhone Photos		
iPhone Model	iPhone 4s, 5, 5s, 6 & 6 Plus	iPhone 6s, 6s Plus, 7 & 7 Plus
Camera Megapixels	8 MP	12 MP
Image Size	3264 x 2448 pixels	4288 x 2848 pixels
Excellent Quality (300 PPI) Professional photographer industry standard.	Max Print Size: 10.88 x 8.16 inches	Max Print Size: 14.29 x 9.49 inches
Good Quality (200 PPI) Acceptable quality, especially when viewed from a distance.	Max Print Size: 16.32 x 12.24 inches	Max Print Size: 21.44 x 14.24 inches
Fair Quality (150 PPI) May appear fuzzy or grainy, especially when viewed up close.	Max Print Size: 21.76 x 16.32 inches	Max Print Size: 28.59 x 18.99 inches

- Home Printing Chart from iPhone Photography School
 - WiFi Printer
 - Ink is expensive
 - Use Matte or Glossy photo paper
- Order Online, prints books, calendars etc.
 - Free Apps for many sites
 - Chatbooks
 - Printastic
 - Use from your computer
 - Costco
 - Snapfish
 - Shutterfly, etc.