

iPhone Photography
Green Valley Camera Club
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Get Ready: Know Your Phone

1. Settings
 1. About
 1. Capacity (16, 32, 64, 128, and 256 MB)
 2. Available Space
 3. Version of iOS (Operating System)
 2. Camera
 1. Preserve Settings
 1. Live Photos
 2. Keeps turned off until turned on
 2. Turn on Grid
 1. Shows lines for Rule of Thirds
 2. Helps level horizon
 3. Record Video
 1. Set resolution you want
 2. Higher Resolution takes up more GB
 3. Be sure you have plenty of Available space on your iPhone
 4. Slow Mo
 1. Set Resolution
 2. Note Frames Per Second speed
 5. Formats: High Efficiency & Most Compatible
 6. HDR (High Dynamic Range)
 1. Keep normal picture (means two picture for each shot)
 2. The two will look different: choose the best later

Get Set: Camera Out

1. Quickly Open Your Camera
 1. Older iPhones - Swipe Up
 2. Some - Swipe Left
 3. iPhone X - 3D press the camera icon
 4. Androids ????
2. Shutter Release
 1. Three Methods to take pictures
 2. Tap the big white button on the screen
 3. Press either Volume button on the side
 4. Plug in headphones and press volume button on right side
3. Clean the lens
 1. We handle our phones all the time
 2. Accidental smudges and oils and dust get on the lenses
 3. Use a soft cloth or microfiber lens cloth
 4. Do this before every shoot

4. Hold Camera Steady
 1. Use Both Hands
 2. Touch Shutter - Don't Jab at it
 3. Brace phone on something stable: Knee, object on location, tripod
5. Composition
 1. Rule of Thirds
 2. Keep it Simple
 3. Close-Up Details
 4. NEVER Zoom in the Screen
 5. Use feet to get closer
 1. Change angle
 2. Remove distractions
 6. Crop Afterward
 7. Zoom Only
 1. If only way to get shot
 2. If it is a memory
 3. If Newer Camera, use 2X Camera
 8. Zoom
 1. Tap to choose which camera (.5X, 1X,. 2X)
 2. Pull up toward top of screen
 3. Arc will show
 4. Rotate along arc to zoom
 9. Look for:
 1. Leading Lines
 2. Include Shadows
 3. Reflections
 4. Symmetry
 5. Silhouettes
 6. Change Angle

Go: Think before you shoot

1. Focus and Exposure
 1. Set focus by touching location of subject on screen
 2. This sets the exposure also
 3. Change exposure by sliding up or down on screen
 4. Lock Focus and Exposure
 1. Touch, Press and Hold Down for short time
 2. Yellow AF/AE appears at top of screen
2. Flash
 1. Choices:
 1. Auto - Camera will choose when to flash
 2. On - Will flash every shot
 3. Off - Wont flash
 2. Only good for short Distances
 3. Good for fill light
3. HDR (High Dynamic Range)
 1. Choices: Auto - On - Off
 2. Takes three shots

3. Exposes for Highlights, Shadows, and Mid-tones
4. Combines All Three into one shot
5. Difference won't always be obvious
6. If on Auto, it doesn't always take HDR
7. Can keep both shots, if you chose this option in Settings
4. Live Shots
 1. On or Off: Orange color indicates ON
 2. Takes 3 Seconds of Video and Audio
 1. 1.5 seconds BEFORE you take the picture
 2. 1.5 seconds AFTER you take the picture
 3. Best for moving subjects
 4. To view, touch and press down
 5. Pull up to view Effects
 1. Live,
 2. Loop - exports as .mov
 3. Bounce
 4. Long Exposure
5. Timer
 1. Set for 3 sec or 10 sec
 2. Will take a Burst of 10 frames
 3. Time for you to get into the shot
 4. It will choose the best, but you can select another
6. Filters
 1. Can take picture using variety of filters
 2. New iOS keeps original and filtered picture
 3. Good for creativity
 4. Can add filters in the Editor
7. Burst
 1. Hold down shutter button
 2. iPhone 11 and 11 Pro: pull shutter button to the left to take a burst
 3. Multiple shots will be taken
 4. Good for action photos
 5. Choose best afterward
8. Panorama
 1. Long Photos
 2. Both Horizontal and Vertical
 3. Can move in either direction
 1. Tap Arrow on start side
 2. Tap shutter button to start and move across picture
 3. Tap again to stop
 4. Saved in Photos under Panorama Album
 5. Tipped photos will distort on ends
 6. Best to take completely level
9. Square
 1. Interesting composition
 2. Perfect for Instagram
 3. iPhone 11 has Square, 4:3 and 16:9 Aspect Ratios

10. Portrait

1. Multiple Lighting Options
 1. Natural
 2. Studio
 3. Contour
 4. Stage
 5. Stage light Mono
 6. High-Key Light Mono - iOS 13
2. Selfie Camera can use Portrait Mode now with all lighting options
3. iPhone 11 has Depth of Field control: f/1.4 to f/16

11. iPhone 11 and 11 Pro

1. Low Lighting
 1. 1, 2, and 3 seconds
 2. Must hold camera steady for full time
2. Note: you can see what is outside the picture
 1. Uses the Ultra - Wide Camera
 2. Can help with composing the shot
3. All these lightings can be applied in edits when picture taken in Portrait Mode

12. Video

1. Fun to capture activities
2. Best to take HORIZONTAL
3. Needs to be held stable
4. Uses a lot of memory
5. iPhone 11: can change video format in camera: 24, 30, 60 fps, HD 1080 or 4K

13. Slow Motion

1. Need subject that moves quickly
2. Camera needs to be stable - possibly tripod
3. Takes a lot of memory
4. iPhone 11: can change speed: 120 or 240 fps

14. Time-Lapse

1. Requires Stable camera - prop on something or use tripod
2. Compresses time - shoot for more time than you think

Take the Picture

1. Check for Sharpness
 1. Look at the picture after you take it.
 2. With fingers, zoom in to see if it is sharp
 3. If not sharp, take it again
 4. Don't wait until home to wish you had taken it again
2. Different Light Conditions
 1. Bright Sunlight
 1. NOT the best lighting
 2. Set focus then change exposure
 3. Easy to overexpose
 4. Good for sports and action - can use faster shutter speed
 5. Move to shade
 6. Change perspective

2. Cloudy
 1. Good for Macro Photography
 2. Add some color to the photo
 3. No harsh shadows
3. Golden & Blue Hours
 1. Before Sunrise and after Sunset
 2. Different color temperatures
 3. Correct white balance
 4. Use a Slow Shutter App
4. Window Light
 1. East & West window best light
 2. Portraits
 3. Still Life
 4. Silhouettes
5. Other Lighting
 1. Artificial
 1. Different kinds
 2. Different colors
 2. Front Light - even
 3. Back Light - Silhouettes
3. Moving Subjects
 1. Freeze Motion
 1. Need fast shutter speed
 2. Needs plenty of light
 3. Good for sports
 4. Burst Mode
 1. Multiple rapid shots
 2. Choose the best
 2. Motion Blur
 1. Keep camera steady for sharp background
 2. Use in darker scenes
 3. Faster subject work best
 4. Tripod and shutter release
 5. Smooth water in waterfall
 6. Steady camera or use tripod
 7. Slow Shutter Cam App with tripod
 8. Live Photo, then use Long Exposure Effect
4. Use Tripods
 1. Long Exposures, Night & Low Light
 2. Landscapes & Golden Hour
 3. Macro & Close up, different angles
 4. Waterfalls, waves, smooth water
 5. Architecture
 6. Portraits
 7. Videography, Time-lapse, Slo Mo

Polish: Editing Tools: iOS 13

1. Adjust
 1. Many New Editing Tools (15)
 1. Choose the tool you want
 2. Move the slider under it
 3. Choose another and continue
 1. Auto, Exposure, Brilliance, Highlights, Shadows
 2. Contrast, Black Point, Saturation, Vibrance, Warmth
 3. Tint, Sharpness, Definition, Noise Reduction, Vignette
2. Filters (10)
 1. Changes the look of the picture
 1. Original, Vivid, Vivid Warm, Vivid Cool
 2. Dramatic, Dramatic Warm, Dramatic Cool
 3. Mono, Silvertone, Noir
 2. Take the picture with a filter
 3. It keeps the original information
 4. Can also Add when Editing
3. Crop Options
 1. Auto: Fixes both Level and Prospective (Skew)
 2. New Tools
 1. Vertical Skew
 2. Horizontal Skew
 3. Flip Horizontal
 3. Rotate by 90°
 4. Aspect Ratios
 1. Original, Freeform, Square
 2. 9:16, 8:10, 5:7, 3:4, 3:5, 2:3
 5. Crop to Portrait or Landscape
4. Edit Video
 1. Trim Ends
 2. All same adjustments as with photos
 3. Crop includes perspective adjustments

Sharing Your Photos

1. Click Share Box for options
2. Airdrop over WiFi
 1. Friends in same room
 2. Your Mac computer
3. Messages & E-Mail
4. Notes
5. Social Media
6. Add to Album
7. Use as Wallpaper
8. Assign to Contact
9. Other Apps
10. Duplicate
11. Print to WiFi Printer