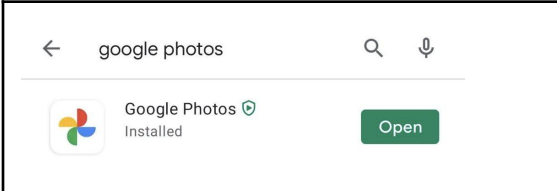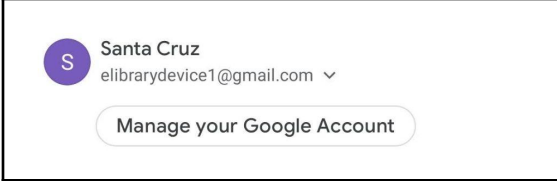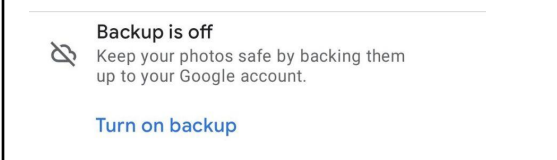# TechTalks: All About Photos (Android)

Know the essential features of your Camera and Google Photos App

Camera Features

Essentials	Helpful Extras
• Switching cameras (front & back) • Shutter button (photo vs. video) • Tap screen to focus (adjust brightness) • QR codes (Camera can access website)	• **Active Photos/Motion** ◉ Two second video allows you to choose the best image from multiple frames • **Portrait Mode** - Auto focuses on face and blurs the background

Google Photos Account (accessible online: https://photos.google.com)

← google photos 🔍 🎤 🌈 Google Photos ⊘ Open Installed	1) Download from Play Store OR Open Google Photos App from App Library
S Santa Cruz elibrarydevice1@gmail.com ⌄ Manage your Google Account	2) Check the associated Google Account **(tap icon on top right)**
⦻ Backup is off Keep your photos safe by backing them up to your Google account. Turn on backup	3) Confirm Backup Complete OR Click **Turn on backup** (Google storage: 15GB free, 100GB $1.99/mo, 200GB $2.99/mo, 2TB $9.99/mo)

Google Photos App (bottom menu)

🖼️ Photos   🔍 Search   👥 Sharing   ⅲ Library

Photos	Search	Sharing	Library
• Share • Edit • Lens • Delete • Details (three dots)	• Keywords • View All • Categories	• Shared Albums • Share with Partner	• Favorites • Utilities • Archive • Trash • Albums

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Taking Screenshots

- **Samsung & Pixel -** Hold down (screen lock + volume down) buttons simultaneously

- Motorola - Hold down screen lock button and then select "screenshot" option

Terms	
Megapixel	graphic resolution equivalent to one million pixels
Camera Sensor	expensive part of camera, determines image quality, determines lens options
HDR - High Dynamic Range	3 photos at different exposures and blends
Aperture	Opening in which light can enter
NFC	Near Field Communication
File Types	
RAW	Highest quality, unprocessed file generated from camera sensor
JPEG - Joint Photographic Experts Group	Most widely used format with varying degrees of compression and file size
PNG - Portable Network Graphic	High quality format for web images and images with transparency
TIFF - Tagged-Image File Format	Flexible high quality format
GIF - Graphics Interchange Format	Small file size, low quality images animations
PDF - Portable Document Format	Electronic image of text or text and graphics that can be viewed, printed, and electronically transmitted
HEIF - High Efficiency Image File	High quality format used on recent iPhones and Macs, currently not as widely compatible as JPEG