

David Arendale's 2017 Guide to 4th Generation Apple TV Apps

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Click on this link, <http://z.umn.edu/appletvapps> to download the most recent version of this directory.

Click on this link, <http://z.umn.edu/davidipadapps> to download the most recent version of a companion directory that provides an overview of iPad apps downloaded by David Arendale for educational and personal use.

Introduction

This document provides an overview of the Apple TV apps I have found useful as a college educator and in my personal life. I enjoy Apple TV since I am able to watch on a large-screen with a great sound system the same content that used to be confined to my iPhone, laptop, or desktop computer. There is enough free content available through Apple TV that I could cancel my cable TV subscription. I will be interested to see the bundle of cable channels that will be eventually available for a monthly charge from Apple.

At the University of Minnesota where I am a history professor, the Apple TV device has been integrated into a growing number of classrooms so that students can share video content through the room projection television system. First-year students in the College of Education and Human Development receive an iPad upon arrival and use of it is integrated into many of their first-year courses. I use the history apps to help me connect today's events with the history topics we are studying in class.

Apple TV App Store Selection

I believe the Apple TV has been an underappreciated technology that Apple has significantly improved through this fourth-generation unit. This annotated directory identifies the apps that I use on my Apple TV unit at home on a regular basis for personal use and to identify news stories that I could integrate into my global history course. There are many other apps that I do not profile in this abridged directory simply because they require an additional charge for their use or are not of interest. A good example is all the educational apps for children and older youth. I remember when I purchased my first iPhone and then with the first iPad and there were a relatively small number of apps. Now the library of Apple apps exceeds half a million. While I don't expect the same exponential growth for Apple TV, their library will rapidly expand. Many of these Apple TV apps are also available for use on iPhones and iPads. If you have set up for automatic download of new apps on all your iOS devices, do not be surprised to see some of these apps appearing on other Apple devices.

Open the App Store on your Apple TV to browse apps. When you find an app that you want to add to your Apple TV, select the app. Then select the price (**Buy**) for a paid app or select **Get** for a free app. For some apps, the app can be used for free with limited access to the contents, but an "in-app purchase" unlocks all the content. If prompted, enter your Apple ID password. Learn more about how to browse and buy apps. With the revision of the App Store in May, you now can see the top paid, top grossing, and top free apps. It appears that the list will list the top 200 of each category.

Some apps might require that you sign in; subscribe to a service; activate your account through your cable or satellite provider; or use another device, such as a computer, to complete the sign-in process. If you can't sign in to an app on your Apple TV, contact the content provider. Apps that you currently have on your iPhone, iPad, or iPod touch might also be available for your Apple TV. You can see your previous App Store purchases in the **Purchased** menu at the top of the main App Store screen. Find out how to get your past purchases on your Apple TV.

The Apple TV device allows many free Internet video sources to be accessed through televisions. Unless noted otherwise, all apps in this directory are free to download and

use on Apple TV. There are others (especially games) that require a small fee to download (most under \$5) and may also include in-app purchases for additional features or for games to obtain more resources.

Creating Folders/Subdirectories to Organize Apps

Just as with the iPad and iPhone, custom subdirectories can be created to organize these apps. The process is the same for creating this subdirectories as with the other Apple mobile devices, click on an app until it begins to wiggle. Then drag that app onto another to create a subdirectory. The Apple TV is intuitive and will recommend a name for this file folder. If you want a different one, the name can be replaced by typing a new one. The file folders can be dragged and dropped in different locations as well. If you want to add a new app to a preexisting folder, clip on the app until it jiggles. Then click the bottom button on the left side of the controller and a menu will appear. Click on the preexisting folder and it will automatically move there. Or create a new folder by clicking on the first option in the menu.

In-app Purchases

Some apps are free and offer in-app purchases for additional services. In the Apple TV settings this ability to make these purchases can be disabled. This is especially important with the game apps and use by children who might not feel inhibited regardless of what you say.

Some Apps Download to Other iOS Devices

A side benefit of some of the Apple TV apps is that they will download to your other iOS devices such as iPhone or iPad. Part of the reason is that these apps were originally developed for those devices and then adapted for use on Apple TV. This automatic downloading only occurs if the iOS devices have the automatic downloading enabled through the settings of the iOS device. I have noticed that some Apple TV apps will download to the iPad but not to the iPhone. This may have to do with whether they can display on the smaller iPhone screen than the larger iPad.

Voice Command through Siri

With the new Apple TV and remote, Siri is at your voice command. Speak your requests and it'll get you results, even if they're really specific, like all movies directed by a particular director or featuring a specific actor. If you use Siri from the home screen, it can search for a show, movie, or particular app among all apps. Request a specific app ("Find the Tasting Table app") or a category of app ("Find music apps"). The software update also added support for dictation, so you can speak into search boxes or dictate usernames and passwords letter by letter. Just press the microphone button on your remote and spell things out. If your passwords have uppercase letters, just say it (for "davidA," say, "D-A-V-I-D uppercase A").

Check the App Store Often

This abridged directory contains apps that are often free and are of my interest and taste. With additional ones being added weekly, this directory does not try to be inclusive of all of them. To find out more about some of the apps, type into Google "itunes apple tv [name of app]. More information may appear there.

Following is the way I have arranged the Apple TV apps on my device into folders that made sense to me. Enjoy.

Section 1: Videos and Movies

Other apps such as Hulu, Netflix, Showtime, Starz, and others are not included in this abridged directory of Apple TV apps. In this category are entertainment movies and videos. Most are available independent of a paid cable television subscription, while some others require it.

1. **iTunes Movies:** This app syncs to a personal iTunes account that. This allows access to a person's purchased movies through iTunes as well as ability to rent or download other movies available through them.
2. **Christian Cinema:** No subscriptions, no commitments. Choose to own or rent high-quality movies. Watch a preview and try before you buy. With easy access to your movie library across multiple devices, watch anywhere, anytime. With new films added every week, find new releases and new discoveries; dramas, documentaries, short films, educational and more. Chosen from the leading Christian filmmakers, movies here are a rarity in the world of cinema. In 1999, ChristianCinema.com was born out of a desire to connect audiences with the best in faith-based movies. Christian Cinema has earned the trust of families of faith. Give it a try today!
3. **iTunes Movie Trailers:** The newest HD movie previews, clips, and featurettes for major studio and independent cinema. Watching these is the next best thing to actually watching the movie in the theater. And a lot less expensive and time-consuming. Keeps you in the conversation loop among your movie-going friends.
4. **YouTube:** This app provides connection with YouTube recommended media content and a person's personal YouTube account with its playlists, subscriptions to other people's YouTube playlists, a person's previously watched videos, and videos tagged for viewing later.
5. **Vimeo:** Watch videos from the world and upload your own. Follow categories, channels, and collections. Save videos for watching later.
6. **Hyper:** A curated collection by the hyper editors of a short list of favorite brief videos from the past week. These videos can be shared via social media with others. A link provides background information about the video creators.
7. **Crackle.** This app provides a limited collection of free television show episodes and movies with periodic advertisements inserted within them. New video content appears each month. Creating a free personal Crackle account permits saving particular videos for a future watch list and also creates a history of previously viewed videos that can be watched again. This personal Crackle account can also be synced with downloaded apps on other mobile devices,

smart TVs, and accessing the Crackle website through a desktop computer. Movies range from cult classics to modern Hollywood hits.

8. **Mickey Video.** This app provides access to a small number of Disney animations of Mickey Mouse including original Mickey cartoons.
9. **Toons TV:** Most of the short animated videos are related to Angry Birds characters of the video game. Not exactly PETA-friendly content.
10. **Plotagon TV:** Bite-sized films on any topic short and sweet. Most under two or three minutes. Categories include: Top Picks (best of the best, selected by users), Plotcorn (Bite-sized animation films on any topic, short and sweet), Funny, Serious, Political, and Challenges (Different takes on different subjects from the Plotagon community).
11. **Littlstar:** Short videos on wide variety of topics are recorded using 360-degree cameras so you can control the screen viewing around you left and right as well as up and down.
12. **ATL Grind TV:** Watch show series from the most talented and creative people, grinding in Atlanta GA. New and exciting shows added weekly; see TV Guide for a list of shows and show times at www.atlgrindtv.com. The ATL Grind TV channel is a 24/7 streaming television channel.
13. **Visual Candy:** Mashup of images and music.
14. **SnagFilms:** Films arranged in categories: featured, pictures with purpose, stars you know and movies you don't, and others. The library includes thousands of independent movies and documentaries for free. Also general search engine for all movies. Film trailers available to help screen the films and a short list of related films are provided. Save films to queue for watching later. Permission is granted to embed films from this collection on a personal web site. Alerts about new films added to the collection are available through an email newsletter. To use this free service, you are given a code by the app. Go to www.snagfilms.com/user to register for a free account. After it is established, go back to the Apple TV SnagFilms app to begin.
15. **Popcorn Flix:** Popcornflix makes it easy to browse and select from hundreds of theatrically released and independent titles in a wide range of genres, including Comedy, Family/Kids, Drama, Horror, Spanish-language films, documentaries and more, all with an easy user interface." -ScienceFiction.com
16. **fubi TV:** According to the creators, the largest and fastest-growing free and legal video app on connected TV devices, mobile devices, and the web. The TV shows and films can be searched by categories: featured, trending, new arrivals, not on Netflix, dramatic movies, comedy movies, action and suspense, movie night, fright night, reality, extreme, impact, TV comedies, TV dramas, and many more. View three or more commercials before the movie begins.
17. **Beme TV:** See what interesting strangers all around the world are doing right now on Beme. With a simple touch of your Apple TV Remote you can effortlessly watch the experiences of multiple people all at once, or just focus on the life of one compelling person at a time. The previous text was from the promo ad for the app. I didn't see anyone very compelling to watch. Sorry.

18. **Classix:** This app provides access to mostly films or TV shows that have lapsed or never acquired copyright status. The app is free with limited access to content and then the “premium” membership is a one-time charge of 99 cents. Categories include: action and adventure, children and family, comedies, documentaries, drama, horror, romance, sci-fi, and thrillers. It is an interesting mix of films. Many in the sci-fi category have been parodied through “Mystery Science 3000” TV episodes. Some in this category are “Plan 9 from Outer Space” (usually considered the worst film of all time), “Jesse James Meets Frankenstein’s Granddaughter”, and the futuristic classic “Metropolis” (1937, highly rated by movie critics). The comedies include several by Charlie Chaplin, old episodes of the “Dick Van Dyke” TV show, and John Wayne in “McLintock!”
19. **Viewster:** Watch free Movies, TV Shows and Anime. Their growing selection of Anime shows, both simulcasts and classics, make them a first-stop app for Anime lovers around the world. All of officially licensed content is available completely free of charge. No sign-up or fees, just instant access to full-length content. Choose from Anime classics or discover brand new simulcasts fresh out of Japan and available in a wide selection of multi-language subs. New Anime shows and episodes are being added each week, so download the app now to explore current titles available in your country. Explore some of the most original Thrillers, Horror movies and edgy Documentaries around. Create watch-lists.
20. **HBOGO TV:** This app requires a paid cable TV subscription that includes HBO. The app permits searching the HBO library of movies.
21. **AMC TV:** Similar to HBOGO above, a paid cable TV subscription is required. TV shows and movies can be searched and can quickly find recently watched movies and shows.

Section 2: TV Shows

Other apps such as Hulu, Netflix, Showtime, Starz, and others are not included in this abridged directory of Apple TV apps. Some of the apps are aggregators for TV shows that appear on broadcast or cable networks. The sample of TV cable channels is not complete. Most of them require inserting the personal ID and password for the subscription cable TV provider to access some or all of the video content.

1. **iTunes Shows:** This app syncs to a personal iTunes account. This allows access to a person’s purchased movies through iTunes as well as ability to rent or download other movies available through iTunes.
2. **Pluto:** A collection of live TV channels are accessible via a directory of shows currently or about to be broadcast. Up to 100 streaming channels of widely varied content. The directory is divided into categories: channels recently viewed, featured channels, news, tech, sports, pop culture, comedy, action, and more. Everything from Mystery Science Theatre 3000 to Cheerleader’s Channel to independent political commentary. I highly recommend this app which also works on the iPhone as well.
3. **Livestream:** Search, explore and stream your own content live. Explore events from hundreds of thousands of broadcasters around the world. Follow your

friends and favorite accounts to get notified when they go live. Broadcast live from your iPhone or iPad to viewers watching on Facebook, Twitter, Livestream or any other website. Engage with viewers via the built-in chat.

4. **TV Time Warp:** TV Time Warp is a simulated television experience from yesteryear. As you flip through the channels, you'll see shows from the 1950s and 1960s, complete with commercials! We use old TV schedules to show you what would have been on at that time — for example, soap operas during the day and cartoons on Saturday morning. You might even see special programming during holidays! Many old TV episodes and movies from before 1978 have entered the public domain. These include: Comedies (Ozzie and Harriet, Andy Griffith, The Lucy Show, Dick Van Dyke); Adventure (The Lone Ranger, Medic, Captain Video); Variety shows (Howdy Doody, George & Gracie); Game shows (The Price Is Right, What's My Line?, Truth or Consequences); Movies (Plan 9 From Outer Space, The Lost World, The Fast and the Furious); Educational films; and Government films. While TV Time Warp is not affiliated with Archive.org or any other site, much of our content comes from Archive.org. Please consider a donation: <https://archive.org/donate/> Access to this app is granted for scholarship or research purposes only.
5. **Phebo TV:** This app could be placed under multiple categories of video, TV, food, and others. Phebo curates channels and videos from a wide variety of sources and places them all at your fingertips. This easy-to-use app allows you to browse or search based on your mood. A sample of over 50+ channels includes movie clips (Disney and Pixar); cartoons (The Pink Panther); science (Science Channel, NASA, and JPL); and food (Make Sushi, Epicurus, Jamie Oliver, One pot chef); and many more.
6. **AFV Animals:** AFV Animals delivers your daily fix of LOL pet clips and premium original shows for animal lovers of all ages. Come visit to see all of your favorite animal moments from America's Funniest Home Videos both old and new.
7. **Levin TV:** Mark Levin shares his principles, beliefs, and values through a variety of on-demand videos. Check out more at <http://www.levintv.com>
8. **FunnyorDie:** Short video clips related to comedy. Viewers can rate each.
9. **Funny Commercials:** Categories of old and new TV commercials.
10. **USA Now:** This app requires a paid cable TV subscription that includes this channel. Media can be searched for previously broadcast content. Not all shows or episodes available. New episodes available the day after they premier on the cable TV channel. Special clips, interviews, and behind-the-scenes video. Some full episodes available without signing in to the cable TV company.
11. **A&E:** Same as above.
12. **HGTV:** Same as above.
13. **History:** Same as above.
14. **PBS:** Same as above.
15. **Comedy TV:** Same as above.

16. **Travel TV:** Same as above.
17. **Disney:** Same as above.
18. **Disney XD:** Same as above.
19. **Freeform** – formerly Watch ABC Family: Same as above.
20. **NBC:** Same as above.
21. **FXNow:** Same as above.
22. **FoxNow:** Same as above.
23. **ABC:** Same as above.
24. **CBS:** Same as above.

Section 3: Sports

1. **120 Sports.** Most content is news reports, video highlights, and commentary by experts and amateurs from around the world. There are some live sporting events. Search by sport and trending sports topic/personality.
2. **Yahoo! Sports:** he app includes content from the MLB, NHL, NBA, PGA, and various international soccer leagues, as well as some original coverage and analysis by Yahoo. When viewers launch the app, they begin by picking their favorite teams, which generates a playlist of highlights and news stories. Users should have access to any of Yahoo's [live game streams](#), such as the MLB Free Game of the Day. The company is promising expanded content and features for the app as time goes on, though it hasn't teased what that might include.
3. **ESPN:** All content from the TV channel is available if it is also available through a paid cable TV subscription. Some content available to anyone.
4. **CBS Sports:** News, video highlights, and commentary.
5. **Fox Sports:** Same as above.
6. **NBC Sports Live Extra:** Like ESPN, all content available if also included on home cable TV subscription. Other content is free to anyone.
7. **BeSoccer:** Features includes the calendar of games, teams, scores and season tables; Weekly schedule of games; Live individual and team stats; Choose your favorite soccer teams, competitions or games; Interact with other users and make comments about the match; Live commentary; Find here all the transfers to know about the latest news of your favorites teams; covers most all soccer leagues around the world.
8. **Aussie Rules TV:** Aussie Rules TV is an un-official 'WatchAFL Global Pass' app which allows Australian Football League (AFL) fans outside of Australia access to live games and replays from the 2016 season directly on their AppleTV.
9. **Hossiers Sports Report:** HoosierSportsReport is dedicated to bringing you the best and most timely coverage of Indiana University sports teams, players, coaches, and personalities. Check in for frequently updated content including

weekly shows, coach interviews, athlete interviews, behind-the-scenes features, recruiting news and more.

Section 4: Music, Radio, and Audiobooks

1. **iTunes Music:** Play music streamed from personal iTunes account on computer connected through same WI FI network. Also include Apple Radio stations. If subscribed to monthly Apple Music account (\$9.99 monthly for individuals; half price for students; family plan \$14.99) the “For You” and “New” music options are available for access the larger Apple iTunes music library with customized recommendations.
2. **iHeart Radio:** Access wide variety of recorded music and live music events. Free access to limited features for anyone and more if signed up for free iHeartRADIO account. When logged in, access to previously saved radio stations, access live radio, search by music genres, local stations, stations recommended by iHeart, popular artists, and popular podcasts. Features similar to Pandora. To activate account through Apple TV, go to iheart.com/activate and enter the code provided on the Apple TV screen.
3. **Pandora:** Just like iHeart Radio above, Pandora lets you explore a wide range of music. Set up your free account so that the software can save your favorite artists, create channels, and much more. Start with the name of favorite artists, song, or genre and Pandora does the rest. Explore more than 700 music and comedy genre stations curated by Pandora. The free version of Pandora is supported by ads. If you want to skip them, register for a paid Pandora One. You can create up to 100 personalized radio station with the free account.
4. **myTuner Radio:** Live AM and FM radio stations with 30,000 choices from 120 countries. More than one million podcasts are available with rankings for different countries.
5. **Dash Radio:** Dash is the biggest original digital radio-broadcasting platform in the world. Streaming live 24/7, Dash Radio features the biggest DJ's, personalities, and curators in the world on 70+ original & exclusive stations in every genre (with more added weekly). Dash has a fast and easy interface: just click on your favorite preset stations (like the dashboard of a car) and go. No ad's, pop up windows, or searching. Everything is done with a tap. Dash Radio features: No commercials or awkward pauses between songs; Real DJ's & personalities playing music! No computers and algorithms controlling you; 60+ original (not simulcast FM) live streaming stations; Stream the music via Bluetooth or cord to your car & speakers/headphones; Amazing sound quality The best programming in the world; and Win free prizes daily by listening.
6. **Numedia Radio:** all-in-one digital LIVE radio you can see. Listen from coast-to-coast. Just hit the live tab and get connected with the live show wherever you are. There are so many radio stations online these days. What makes Nu Media Radio stand out is, we broadcast live everyday. Watch us in the studio or out on location. Our personalities are fun and friendly. We believe in doing radio the old

fashion way in a new world. We use personality. We put the personality back in radio.

7. **Radiotopia Radio:** Radiotopia from PRX is a collective of the best story-driven shows on the planet. Now you can listen to an endless stream of amazing stories from your couch. Hear shows like 99% Invisible, Song Exploder, The Memory Palace, and Criminal. Radiotopia Radio will always play new episodes first, so you can stay up-to-date with your favorite shows.
8. **Nature Radio:** Select from among different nature sounds: river, ocean, chirping birds, and more.
9. **Rain Rain: I highly recommend this one. I often use it to go to sleep.** Trouble sleeping? Rain Rain helps you fall asleep fast! Let 49 high-quality endless sounds lull you to sleep in no time. Mix and match any combination of sounds and save your favorite combinations. Download the app that over three million people have used to fall asleep today. Nod off to twenty-five great free tracks in six categories: Rain: Dripping - Downpour - Rain on a Tent + 4 more, Storms: Thunder Cracks - Thunderstorm + 2 more, Water: Ocean waves - Slow stream - Outdoor Fountain - Ocean Pier, Nature: Desert Wind - Blizzard Wind - Crackling Fire, Transportation: Airliner - Train - Rain in the Car, Appliances: Dishwasher - Clothes Dryer - Washing Machine - Alarm Clock **MIXER!** Combine any sounds you like and independently control the volume of each. Want to hear a campfire in the rain? How about a washing machine and a dryer? It's all possible with the Mixer. You can also save your favorite sound combinations for easy recall later. **SLEEP TIMER!** Set Rain Rain to gently fade-out and then stop the rain after a specified duration so that you can get to sleep without leaving your phone on all night. The Sleep Timer learns your preferences after use and automatically starts the next time you use Rain Rain.
10. **Ocean Blue HD:** Just want to get away for a few moments ? Then immerse yourself in Ocean BlueHD the waves gently crashing around you the sun sparkles on the ocean. So sit back and relax to never-ending ocean waves gently crashing ashore coupled with ambient sound and music.
11. **Slowhand Radio HD:** Plays music of Eric Clapton all the time and also the bands he led.
12. **Vevo Music Videos:** By setting up a free account, the channel can be customized and present videos according to preference in the following categories: spotlight, favorites, top videos, trending artists, and then still give option to search by artist or genre.
13. **Touchpress:** The creators call it “classical music reimagined.” Most of the music is free, some provides previews before purchasing. The split screen shows a close-up of the artist performing on the left two-thirds of the screen. On the right-side, the score and the notefall is displayed. Visually engaging.
14. **GIFtv:** The app displays an endless gif still photos or very brief video reel which is randomly created. The menu allows choice of random selection or images or selecting “trending” will display the images that others are seeing. Images are accompanied by music clips from Apple iTunes with the name of the song and artist appearing in the lower right-hand screen corner. The app also will tie into

Apple Music if it has been subscribed by the Apple TV owner. To do so, click on any of the GIF images. Sorry, but is just weird for me. To each their own tastes.

15. **Triller** – Music Video Maker: Pick the perfect song for the moment and shoot a few takes, anywhere. With the tap of a button, Triller edits them together to create a celebrity-quality music video starring you and your friends that looks like the ones your favorite artists make. Submit your videos to become Triller Famous. Browse and discover the best, most creative music videos from around the world! **SELECT** a song of your choice **CAPTURE** multiple video takes **STYLIZE** with cool filters **AUTO-EDIT** your music video **Become TRILLER FAMOUS**
16. **Audio Books by Audiobooks**: More than 60,000 audiobooks in fiction, romance, business, sci-fi, mystery, and more. Variable narration speed allows you to listen to books more quickly. Control the app with new gesture controls.
17. **Audio Books – Easy Listening**: Similar to above.

Section 5: Educational

Since my interest is with students in my college history course and my own personal interest, I do not include in this abridged directory the listing for all the apps appropriate for small children and older youth. It is an extensive array of content and I anticipate it will be a major growth area so check the App Store for new ones as they are introduced. See the following separate section for space and astronomy apps.

1. **Apple iTunes Podcasts**: This app syncs with a personal iTunes account to access all the audio and video podcasts that are stored on a desktop or laptop on the same WI-FI network as the Apple TV. This app could have also been cross-listed under other categories such as video, music, and others due to the content.
2. **Smithsonian Earth**: Access to original documentaries, short series, video shorts, and nature scenes shot in 4D Ultra HD resolution by filmmakers around the world. New content each week. Free seven-day trial. Monthly access is \$3.99. Favorite videos can be saved and viewed again. Part of fee goes towards wildlife preservation efforts around the globe.
3. **DCCCD TV**: The Dallas Community College District provides some access to their online courses for viewing.
4. **University of Oklahoma**: The OU application is the University of Oklahoma's official mobile application. This app allows students, faculty, and staff to easily connect to University services and resources and provides useful campus information for OU visitors and friends.
5. **National Geographic TV**: View past episodes broadcast on the cable channel. Search by shows and categories. Access to channel requires subscription to cable TV package that includes the National Geographic Channel.

6. **TED Talks TV:** To access all features, set up a free account with TED and then submit the activation code so that your account is linked to the Apple TV app. Search for talks by playlists and categories. Save episodes for later viewing.
7. **TED Talks (The Best of):** Same as above but a curated collection of the best and most significant by an editorial team.
8. **NRA Today:** Sponsored by the National Rifle Association, the channel features speeches by NRA leaders on topics related to constitutional protections.
9. **Lowe's TV:** Instructional videos about home renovation and repair.
10. **Smithsonian Channel:** Wide variety of short and long videos. Free access to the channel is obtained through required viewing of short commercials.
11. **WOW, I Never Knew That!:** Learn the history and origin of everyday stuff. A collection of short informative videos from the following topics: phrases, inventions, everyday stuff (short and long segments), favorites, science, most popular, and newly posted.
12. **Underwater Web Cam TV:** Explore the enigmatic and uncharted world of depth below with Underwater Webcam! Travel all around the world and observe the best marine sceneries right on your TV.
13. **Lynda.com:** Learn from expert-led courses for creative, business, and technology. Some video content is free. Most requires a paid monthly Lynda.com account. High quality training courses.
14. **Slate:** Short videos on wide variety of topics: political advocacy, entertainment, and informative. Slate is an award-winning daily online magazine. Slate's wry, insightful reporting and commentary on politics, news, and culture. The app offers a clean, easy-to-use interface and includes Slate articles, blogs, podcasts, and videos.
15. **Reader for reddit:** Read other people's conversations and sometimes short video clips. One-time purchase to unlock all features: customize front—page and subscribed subreddits, find and subscribe to new subreddits, vote on links and comments, write and sort comments, and additional features.
16. **DIY Watch:** Watch the DIY network with full episodes of shows such as Renovation Realities, Salvage Dawgs, Garage Gold, and more.
17. **Word TV:** Each day new words and their definitions to build your vocabulary.
18. **FYI:** As with many other channels, FYI offers some free content, but complete access to streaming on-demand episodes requires authentication with a participating cable provider. It focuses on "contemporary lifestyle" topics.
19. **Animals Cameras:** Recorded and live video feeds of animals in the wild or in zoos around the world. Search by category of animal. \$1.99 one-time fee.
20. **Molecular TV:** Allows manipulation of 3-D models of molecules.
21. **Sharks Live:** Provided by the California Academy of Sciences. Switch between two high-definition webcams and spot every detail on 19 species of sharks, rays, and bony fishes living in our Shark Lagoon. Watch as blacktip reef sharks and cownose rays circle our mangrove lagoon exhibit in search of their next meal—

and it's not far away. Stop by Tuesday and Thursday at 1:30 pm PT to see the next feeding. The cams are live both day and night. Seeing a dark screen? It's likely nighttime. Please tune back in during daylight hours for more action.

22. **EarthCam:** With EarthCam's Webcams app, you can travel the globe, visiting scenic and landmark destinations via our unique network of live HD streaming video and megapixel snapshot cameras. Explore the Hall of Fame to enjoy the best image archives submitted by EarthCam.com visitors and share your favorites via Facebook, Twitter, Instagram, iMessage and email. Have top destinations you like to visit? Create a personalized list of favorite webcams for a customized experience! We've recently enhanced the user experience by including all of EarthCam's cameras in the "Buy All" package! For one low price, you can access more than 175 webcams, as well as any added in the future. As a "thank you" to our fans who have been with us since the beginning and purchased one or more packages, we are unlocking the "Buy All" feature automatically, letting you travel to any EarthCam destination for no additional fee! Please note: some streaming cameras may take a moment to load based on your internet connection. A camera marked with "HD" denotes a live streaming camera. A camera marked with "MP" denotes a megapixel photography camera, which shows a high resolution updating image. Webcams listed are subject to availability and may change from time to time. New views are added regularly, so be sure to check back for new releases.

Section 6: Space Exploration

1. **NASA: Highly Recommended.** Enjoy the official NASA app for remarkable images, videos, mission information, NASA Television and more on the big screen with the whole family, The NASA app opens an entire world of space exploration with the latest collection of NASA content; including NASA TV, NASA videos-on-demand, news and feature stories, latest tweets, 3D satellite tracking maps, slideshow of more than 15,000 images, High Definition Earth Viewing (HDEV) experiment on the ISS, real-time views of the Earth from the International Space Station, the Earth as Art galleries, Third Rock Radio and much more.
2. **Space Station Live:** Watch the live feed of the earth from the space station, interviews with astronauts on the ISS, and more.
3. **Feeds from NASA:** Similar to above app but not as many features.
4. **ISS TV:** The "International Space Station Live!" provides unparalleled access to the space station. On the home page, you can explore the crew timeline, science timeline and view the consoles. The home page displays the current mission status of each crew member. It also features the orbital position and live HD camera feed embedded on the page.
5. **Space Telescope:** Explore planets, nebulae, stars, and galaxies. Click on images to read more about them and their location from the Earth. Soft new-age music plays in the background. Ken Burns effect with the still images makes them more interesting to watch and study.

6. **Planets:** Provides a 3D guide to the solar system for aspiring astronomers: planetarium view of the sky; visibility when planets are visible, and globe can be rotated to display the planets and moon.
7. **Astronomy Photo of the Day (APOD):** Developed in partnership with NASA, Astronomy Picture of the Day brings the vastness of space right into your TV. Browse through decades of high resolution NASA space photos hand selected by NASA astronomers. Jump to photos by date, save them or share them friends. New pictures every day.
8. **Feeds from Hubble:** NASA created videos of discoveries through the Hubble Telescope and expert commentary about what the images represent.

Section 7: World News Sources

1. **Aljazeera+ and Aljazeera English:** World news with a Middle Eastern perspective. The news bureaus are funded by the nation of Qatar. Both versions of Aljazeera offer slightly different video episodes. A watch list can be created to follow episodes and programs of interest. Video content includes recent news, documentaries, discussion, news magazine shows, and more. I have found this a high-quality source for world news. Their continuous coverage of the nuclear disaster in Japan was the best I viewed from any source.
2. **CBC News:** The Canadian Broadcasting Corporation (CBC) provides world news coverage. The video episode categories include: must watch, the national, fifth estate, marketplace, the passionate eye, and Mansbridge one-on-one interviews.
3. **Fresco:** Fresco tells news stories through the eyes of real people around the world and gives you the power to voice your perspective through open submissions and paid assignments. See exactly what's happening around the world through galleries that show every angle of an event—directly from people on the scene, as raw as it gets. Open the Highlights Feed for a quick view of what's going on internationally, see more of the biggest stories through the Stories tab, or dive deeper by reading related articles. Ready to become a paid citizen photojournalist? Get notified or browse the map to see paid assignments near you. Just submit a gallery in range of the assignment, and it'll be automatically visible to our 70+ news organization partners around the US. If a news organization uses your photo or video, they contact you for payment.
4. **NJK World TV:** World news from Japan by its only public broadcasting station. Streams live news broadcast and on-demand topics ranging from current affairs to business, documentary, interviews, and more. Excellent source for world news with a South Eastern perspective.
5. **Reuters TV:** Custom news updates in ten, fifteen, or thirty-minute video packages. Reuters is a historic international news service with 2,500 journalists in 200 locations around the globe.
6. **skyNEWS:** Produced in the United Kingdom, skyNEWS provides world news and a live stream and also on-demand video programs and episodes on a wide

variety of topics. They also have news segments that focus on UK news including events in London.

Section 8: U.S. News Sources

1. **ABC News:** News stories are arranged by featured, topic sections, shows taken from, local TV affiliates through the U.S., and a general search box is provided.
2. **CBS News:** A live stream news channel is provided. On-demand videos are available by topic category and shows from which they were taken.
3. **NBC News:** full broadcasts from Nightly News, Meet the Press, and the Today show. Other news stories categorized by topic area.
4. **Fox News:** Watch the latest videos from the Fox News Channel. View streaming coverage of live events and digital-only specials. Watch video clips of favorite shows from the Fox News Channel. Personalize the app for quick access to the topics and shows you care about most.
5. **The Washington Post Video:** Short video stories are placed into categories.
6. **Haystack TV:** Categories include headlines (customized in settings with categories trending topics, and favorite news sources), current events, SciTech, business, and election 2016.
7. **Newsy:** A live stream newscast is default and clicking menu provides selection of categories: top stories, trending, world, U.S., politics, business, tech, entertainment, science/health, and sports. Also a search engine is available.
8. **Watchup:** News packaged into topics of choice: politics, business, entertainment, gaming, technology, world, sports, ideas, and humor. Select the topics of high interest and the service will bundle stories similar to your interest. In addition to surveying topic interest, the app will also ask for what major markets local news you have interest. About 50 cities are presented as an option. The app presents a bundle of news and also provides opportunity to search by local TV channels and topic categories.
9. **RHEO:** A multi-purpose source for short video clips in the following categories: spark (new ideas and inspirations), learn, laugh, inform, and chill. A setting allows display of “mature content” if desired.

Section 9: Business News

1. **Bloomberg TV:** Live stream of Bloomberg TV is available. On-demand videos categorized by top videos, most watched, and recently added. Episodes are categorized by their original Bloomberg TV shows. A personal playlist can be created by signing into a free account.
2. **Fidelity:** A video stream provides highlights of today’s financial news. Data categories include markets & movers, today’s overview, recent quotes, and quote lookup.

3. **The Economist Films:** The channel provides short documentaries that examine big global themes. Each one combines analysis, on-the-ground reporting, and a dash of humor.
4. **Entrepreneur Network TV:** Business ideas and trends from Entrepreneur Magazine and Entrepreneur Network partners. The latest news, expert advice, and growth strategies for small business owners.
5. **Wall Street Journal Video:** Several real-time TV shows occur around midday. On-demand videos categorized by breaking news, editors' picks, trending now, campaign 2016, and more.
6. **CNBC Business News and Finance:** Get fast, accurate and actionable business news, financial information, and market data. PLUS stay on top of the market no matter where you are with breaking news alerts.
7. **Wall Street TV:** It brings you the latest news, as well as expert commentary and analysis from around the world. And it's all delivered through a clean, simpler interface so you can find the videos you need, anywhere you need it. Wall Street TV Pro Subscription: Lots of videos are available directly in the app, but with a Pro subscription you will be able to get access also to exclusive pro footage.

Section 10: Technology News

1. **Engadget:** Short videos, shows, and reviews cover the wide field of technology news. Categories include: most recent, gaming, entertainment, tech gear, science, and culture.
2. **Mashable:** Wider coverage of tech, fun, and culture influenced by both.
3. **Tech Crunch:** Categories include most recent and shows devoted to single topics. Watch list can be set up to not miss topics of interest.
4. **TechTube:** A regularly-updated selection of tech-related videos are available.

Section 11: Weather Information

1. **AccuWeather:** Customize for the local current and five-day forecast. Displays locally-contributed weather videos. Additional locations can be added to the menu for their weather forecasts.
2. **MeteoEarth:** This paid app (\$1.99) allows manipulation of a globe of the earth to reveal air currents, weather patterns, cloud cover, temperature, and more. The globe can be spun on different axis and sized differently.
3. **The Weather Channel:** Can customize with local and other forecasts from other cities. Video shows for regional and national weather, storm central, latest weather news, and must see weather related topics.
4. **Weather Nation:** Fan favorite features: Watch what's on air right now, we stream our 24-hour in depth and nationwide weather services. Forecasts on demand with regional, national, breaking weather news, travel and specialty

shows instantly. Access to your current conditions, temperature and extended outlooks. Fully customizable interactive radar and weather maps let you decide what you want to see. Combine data and images from current radar, satellite, severe advisories, snow depth, temperatures, wind speeds, wind chill, dew point, humidity and heat index so you can finally have the perfect weather.

5. **Weather News App:** Features include: current conditions around you; forecast and report stream; outdoor temperature at your location determined by your GPS, C and F thermometer, pressure, humidity, wind speed, and visibility details, dew point info, chance of participation; beautiful weather forecast for today, tonight and next 4 days; and weather alerts & warnings

Section 12: Food

1. **FoodTV:** Watch the Food Network live or view on-demand episodes from all their d=shows like BBW Blitz, barefoot contessa, and more. Individual episodes arranged by topic categories. To watch live, you must have a cable TV subscription that includes the Food Network.
2. **Kitchen Stories:** Information is categorized by recipes, quick bite recipes, baking how to, everyday basics, knife skills, and homemade ingredients.
3. **Tasting Table:** High-quality videos demonstrate how to cook and present food. Categories include: cook, inspire your kitchen adventures; hacks, smart kitchen hacks for making your cooking faster, better, cleaner, and smarter; eat, taste what's now; drink, shake, swirl, sip, or down; travel, discover, depart, devour; entertain, host like a pro, breakfast; grilling, and extra, these are the must-see conversations, out takes, and experiments at Tasting Table.
4. **Yummly:** Over one million recipes that can be searched by cuisine, diet, allergy, nutrition, ingredients, time, course, occasion, and more. Get tastier recipe recommendations, view your yums, and find the recipes you love most. Register for free account at www.yummly.com/tv with activation code provided first time the app is used. Save favorite recipes as personal "yums." The registration process also allows the app to be customized according to your cooking skill level and different food types liked.
5. **The Cooking Channel:** Watch live stream and full episodes of favorite shows. Access requires your cable subscription includes this channel.
6. **Tastemade:** Created by a digital media company focused on food, travel, and lifestyle for the connected generation. From mouth-watering recipe videos to awe inspiring original shows, content is guaranteed to keep you entertained. Are you interested in a recipe for the most amazing chocolate pudding you've ever seen? Do you want to be mesmerized by a talented, up and coming Tastemaker's pesto dish? Would you be interested in watching a show where two hosts have 24 hours to eat in 24 different restaurants across town? If you answered 'yes' to any of the questions above, then the Tastemade app is definitely for you.

7. **Cooking with Nonna:** Rossella Rago invites Italian grandmas from the different regions of Italy to cook with her some of the traditional recipes from their region. Here you will find many old recipes that have been saved for many generations and that are being passed on to the new generations. Recipes are for every day cooking as well as for all the holidays: Christmas, Easter, Good Friday, St. Joseph's Day and many more. There is also a collection of recipes where Rossella cooks by herself to show how simple Italian cooking can be.
8. **The Grill Diet:** The Grill Diet - "it's not about losing weight!" In addition to our grill blog, we have been curating the best grill and BBQ videos! The Grill Diet TV will be your go-to-source for grill how-to videos!
9. **iFood.TV:** Over 40,000 trustworthy recipe videos to add happiness to your life. Install this app now to get delicious recipes filtered to match your taste. Short videos highlight food preparation and cooking techniques. Six major categories to narrow the search: Chinese, Italian, Mexican, Thai, Indian, and Vegetarian. Based on the content from this central location, all six of these categories have their own Apple TV app to make it easier to navigate.
 - a. **Chinese Recipes:** This is a subcategory of the content from iFood.TV above. Each of these are separate from the comprehensive iFoodTV
 - b. **Italian Recipes:** Same as above.
 - c. **Mexican Recipes:** Same as above.
 - d. **Thai Recipes:** Same as above.
 - e. **Indian Recipes:** Same as above.
10. **Vegetarian Recipes:** Same as above.
11. **Le Gourmet TV:** Gourmet food, recipes, wine, tips and more brought to you by a passionate group of culinary professionals. New videos posted every Monday and Wednesday.
12. **Diabetic Living:** Included in the content are recipes for diabetics.
13. **DayDayCook:** DayDayCook is a cooking and lifestyle brand dedicated to spread the love of cooking and quality living among the young generation. Through the creation and distribution of fun video content, DayDayCook services a rapidly growing user base of over 50 million per month. We promise to give you creative ideas every day to fill your life with more happiness. We hope you enjoy this app and all of our content as much as we have enjoyed creating it for you.

Section 13: Images and Photography

1. **Art Channel:** The channel provides images from the greatest art collections around the world. The database includes 100.000 images from 1,500 artists. When viewing any single work of art, tap once on it to get details about that work. The artwork is separated by a dozen classical art categories. The artwork can be viewed by selecting an image from the collection or view the entire collection in a short videos (still images with classical music played in the background) or a slide show (still images with no music) within each category. The free version of

the app permits limited previews of selected collections. Subscription of 99 cents monthly provides complete access to all Art Channel shows and additional videos. A one-week free trial subscription is available. This is one app I bought.

2. **Getty Images:** The images are categorized as editor's choice, trending, and favorites. Under settings you can customize the images by displaying entertainment, news, sports, or music. Then, people can be selected with which you have interest. Getty Images is an American stock photo agency. It is a supplier of stock images for business and consumers with an archive of 80 million still images and illustrations and more than 50,000 hours of stock film.
3. **Apple Photos:** This app links with a person's Apple iCloud photos.
4. **Flickr:** Explore the world's greatest collection of crowd-sourced images. Set up an account and share your videos with others.
5. **Loupe:** This app is a streaming art gallery representing a global mix of artists from around the world. It is designed to showcase an infinite array of visual backdrops alongside your streaming music platforms, allowing you to pair images and sound. The curated "loupes" can be experienced on their own or can visually complement streaming music. By favoring art, immediately a personalized stream of pieces are created. This is a visual experiences, designed by you. A collage of images with each on the home page serving as the starting point for a category of images. Favorites can be saved for viewing again. Clicking on one of them opens others in the same style and creates a slide show using the Ken Burns effect to add interest to the show. Click on "help" in the main menu bar to understand how to use the app. Apple Music automatically plays in the background if selected.
6. **Fixel Living Photos TV:** Images are categorized for viewing. The unique feature of the images is that one element of the image moves to display life in them. Select individual images or click on slideshow to see all images within a category. Slightly unnerving, but entertaining. Click on Learning Lab on the main menu to learn through tutorials how to use Apple Fixel editing software (Cinomagrapy Pro for Mac and iOS).
7. **ART SY:** Images from modern art shows in New York, London, Los Angeles, Paris, Berlin, and other cities around the globe. Information provided about the show and the artist.
8. **Storehouse:** Turn a collection of photos and videos on your iPhone into a story you can view on Apple TV.
9. **Fireplace:** As the title indicates, various types of fireplaces are available. Some are free, others require an in-app purchase.
10. **Iceland Impressions:** This app shows impressions from Iceland. A movie and a variety of photos made by the Rottweil-based photographer Peter Laqua invite you to watch in a relaxed and quiet manner. The motifs in Iceland are for example waterfalls, lakes, high plateaus, beaches, ice floes and polar lights. The app is easy to operate and offers extraordinary nature shots as moving images and as a classical slideshow.

Section 14: Christian TV Networks and Music

Included are the major Christian broadcasters. There is an entire group of Christmas music apps that can be enjoyed throughout the year. A few apps feature audio recordings of Bible verses or Bible video stories.

0. **Trinity Broadcasting Network:** TBN is the world's largest religious network and America's most watched faith channel. TBN offers commercial-free inspirational programming through 24 hour a day streaming and "Video on Demand". Channels include TBN, America's most popular inspirational channel, the Church Channel, the JCTV youth network, Smile of a Child kids network, TBN Enlace USA Spanish language network, the Arabic language Healing Channel, and Nejat TV in Farsi.
1. **Christian Broadcasting Network (CBN):** Live stream of the CBN cable TV channel, on-demand videos, news from a Christian perspective, and nine Christian radio stations playing music, Bible studies, and more.
2. **Faith Broadcasting Network:** FBN offers morally sound and wholesome family viewing that encourages and uplifts the lives of its viewers through top shows that include everything from comedy, talk shows, documentaries, entertainment and music, as well as other children and youth shows, with a selection of inspirational family movies. The four independent channels broadcast to Africa, Europe, and the U.S.
3. **God TV:** Watch your favorite GOD TV series, broadcasts and LIVE events. Now you can enjoy GOD TV anywhere at any time. Join in with worshippers all over the world for LIVE broadcasts. See what awesome programs are coming up on GOD TV direct from your mobile device with Program Highlights. An ever-growing library of Video on Demand from your favorite GOD TV programs. It comes with a reminder option – pick your program, set a reminder and relax! A few minutes before the program starts you'll be notified. You will never miss another show again. Need prayer now? Have an awesome testimony to share? No problem, just use the Prayer Request and Testimony features to share your prayer needs or story of God's faithfulness.
4. **Hillsong Channel:** Hillsong Channel is your front row seat and backstage pass to all that's happening at Hillsong around the globe! Broadcasting 24 hours a day, 7 days a week. Be empowered from Pastors Brian & Bobbie Houston and the international Hillsong Team, and inspired by worship with Hillsong United, Young & Free, and Hillsong Worship. The Hillsong Channel is a part of the Trinity Family of Networks.
5. **Good News TV:** The app delivers daily positive news from around the world. Trusted by millions for almost 2 decades, it is #1 on Google for 'good news'. The 480,000 fans on Facebook love the daily feed of happy, uplifting, inspiring stories.
6. **End of World News:** Are you ready for the rapture? Can you see the signs? Rumors of wars...know-existent sickness returning to our century... unusual things happening with the world? Imminent economic crisis collapse? Check out the channel about this...the signs of the end of times.

7. **theDove:** Live streaming theDove Radio and theDove TV, 24/7. Featuring live news, talk, weather and sports weekdays 6-9am PST. theDove Radio is Southern Oregon's and Northern California's premier Christian News Talk station. theDove TV presents a new approach to Christian television with dynamic programming including documentaries, music, children's, educational and inspirational shows.
8. **The Bible:** This app has been the most popular download for mobile devices and now is available through Apple TV. Content from the Bible, Bible studies, and video content related to the Bible is available.
9. **The Holy Tales – The Bible:** Introduce kids and toddlers to Bible with these interestingly illustrated, easy to understand stories.
10. **Jewish Voice:** Jewish Voice with Jonathan Bernis is a compelling half-hour program featuring inspiring guests, anointed Bible teaching, and lively discussions on Last Days Bible prophecy, Israel and Middle East current events, and the Jewish roots of Christian faith.
11. **Joyce Myers Ministries:** Get quick access to Joyce's latest teachings with the official Joyce Meyer Ministries app! Features include: Daily Devotional; Enjoying Everyday Life broadcast; Enjoying Everyday Life radio; Conference dates and details. Easy-to-share devotionals and broadcasts let you share to friends via Facebook, Twitter, or email in seconds. The app is fresh every day: New devotional, new EEL broadcast, and new EEL radio. Sometimes, the broadcast is available here before it even airs on TV!
12. **Chip Ingram Bible Studies:** Chip Ingram Bible Studies feature Biblical, video-based teachings that help Christians learn to live like Christians. Designed for small group or individual study, each multi-session series responds to the tough topics of today with timeless truth and practical tools.
13. **Christmas Channel:** Listen to Christmas music throughout the year. Some of these apps that play Christmas music also offer videos, animations, and more.
14. **Christmas Joy:** Same as above.
15. **Santa Radio:** Same as above.
16. **Radio Christmas:** Same as above.

Section 15: Christian Churches

These apps are focused on providing content from individual churches. Generally, they are providing content that is probably also available from their website. The usual selections are past sermons, daily Bible studies, and other special events.

1. **Focal Point Ministries:** Videos from weekly sermons, Bible studies, and more
2. **Hope Church:** This app provides audio recordings of previous church sermons, videos and other Bible study resources. Hope Church is in Memphis, TN.

3. **The Crossing.TV:** Resources include The Crossing sermons, blogs, videos, live stream and events. Stay up to date with the latest Crossing info. More information about the church located in Columbia, Missouri available at <http://www.thecrossingchurch.com> They are associated with the Evangelical Presbyterian Church.
4. **Divine Word Ministries:** Divine Word International Ministries began as a small Prayer group (Divine Prayer Line) on a free conference line and has grown in a very short time to a full-fledged Ministry.
5. **Trinity New Life Church:** Check out all kinds of content that interests you. After you've downloaded and enjoyed the content, you can share it with your friends via Twitter, Facebook, or email.
6. **Kingsway Church:** he Kingsway App features content from Pastor Bryon White, who leads Kingsway Church based in Cherry Hill, New Jersey. Kingsway is a group of people from all walks of life who have experienced the love of Jesus Christ. We gather every week to worship God and hear the truth of the Bible taught in a compelling, challenging way. We are committed to helping people find & follow Jesus.
7. **Riverbank Church:** Riverbank Church is located in White River Junction, Vermont. Our app is a resource for engaging on the weekend and staying connected throughout the week!
8. **Grace Assembly Church:** Grace Assembly of God is a church on the south side of Indianapolis. Our goal is to "Embrace Truth" of scripture while helping people to "Encounter Grace" and the love of Jesus Christ.
9. **New Life Church:** With this app you can access all the latest New Life Church content, downloads, and events for every NLC location. With instant access to Messages, Live service streams, message notes, even registration, and more.
10. **Altheia Church:** Messages from lead pastor Kevin Anderson and the elders of Aletheia Church in Gainesville, FL. For more information, visit aletheiagainesville.com

Section 16: Games

Welcome to the money pit of Apple TV. Nearly all the games require a few dollars or more. The second way money is extracted is through in-app purchases to upgrade your gaming experience, feed the animals so they don't die, or purchase weapons so that others meet their early demise and you don't die. While six-year olds playing with Apple TV at the local Apple store make it look so easy, I did not. After watching my faithful Minion and JetPack Joyride characters get ground up in the game danger zone due to my lack of skill and practice, I have taken a break. At least until I go to the Apple store and receive a tutorial from one of the children who are playing the games on an Apple TV. ☺

1. **Minion Rush:** Experience the brand-new Despicable Me: Minion Rush! Gru's loyal yellow mischievous Minions are ready for their tastiest challenge yet: Collecting exotic fruits to make yummy jelly! Jump, roll, dodge and scramble

against others in fun, fast-paced missions. Grizzly end for the Minion with lack of practice by you.

2. **JetPack Joyride:** Join Barry, a struggling gramophone salesman, as he breaks into a secret laboratory and commandeers experimental jetpacks. Strap on a bullet-powered jetpack to dodge lasers, electric fields and all the missiles that come your way. Get a boost along the way with vehicles like the Lil' Stomper, Profit Bird and Crazy Freaking Teleporter. If you're lucky, you'll also find the Strong Arm Machine (SAM) – the ultimate vehicle of destruction and hi-fives. Similar message as I gave for Minion Rush, practice well if you care about Barry.
3. **Cat Simulator 3D:** The most beautiful and realistic Cat Simulator available on IOS! Play as a real cat inside a cool apartment and get ready for some real adventures. Knock off stuff, destroy whatever you like and cause the massive damage. Annoy the humans and get away with it - that's what cats do.
4. **Yarn:** Video game where cats chase after a ball of yarn. For the younger set. After a can of toxic waste is dumped into a river, fish used to make cat food turns normally cute and cuddly cats into menacing decaying creatures! Cat Zombies! Now they are terrorizing the city and it's up to our hero - Doodle, a brave little ball of yarn - to save the day.
5. **Game Stream:** Watch other experts play today's video games and some provide commentary as they are blasting space aliens and engaging in wars. Save the time to learn and the expense to buy these challenging video games.
6. **Soccer Pong:** Remember "Pong", one of the original arcade games. Now the little white blip has been replaced by a Soccer ball. Scccccccccore!

Section 17: Miscellaneous and Operating System

1. **Apple Events:** An official Apple channel for replay of keynote speeches by Apple executive, music events sponsored by Apple, and more.
2. **tvStorageInfo:** A valuable app to quickly illustrate how much of the Apple TV's hard drive is used by the downloaded apps. At this point, I have used about 10 GB for the 150+ apps. It appears that the largest consumers of hard drive space are the visually rich video games.
3. **MakeTVcontainer:** An app for testing of Apple TV apps before uploading them to the Apple App Store for downloading by the public. This is just one example of the online resources for app developers.