

Cut The Cord

What Does Life Without Cable Look Like?

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IT Librarian

- ▶ Living without Cable/Satellite TV 11+ Years
- ▶ My son (10-year-old) only knows sports as live television. He doesn't understand waiting for a program to air.

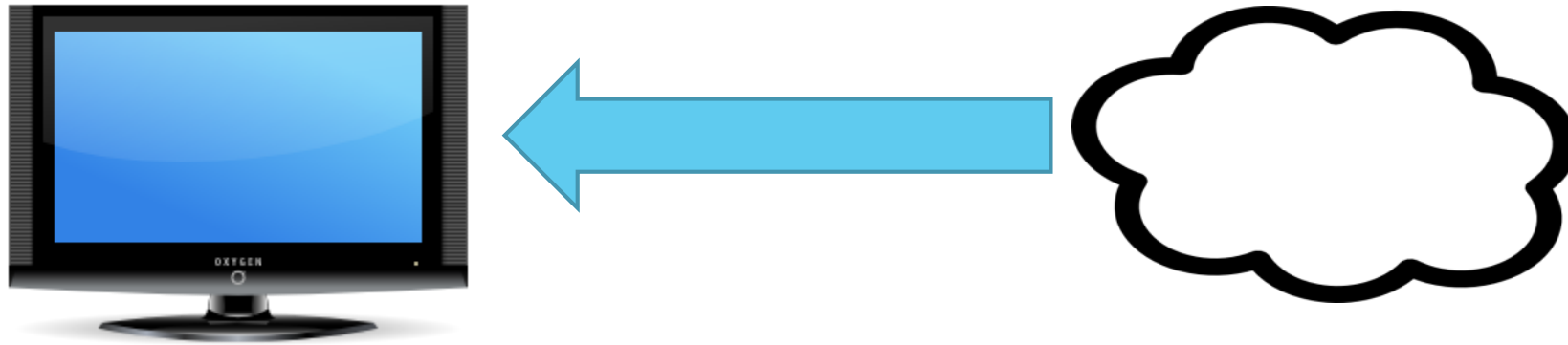
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- ▶ The speaker does not work for or receive compensation from any company, organization, media outlet or product presented today.
- ▶ The choices are enormous. We are not going to cover everything, but we will discuss major trends and numerous options.

What we'll talk about today:

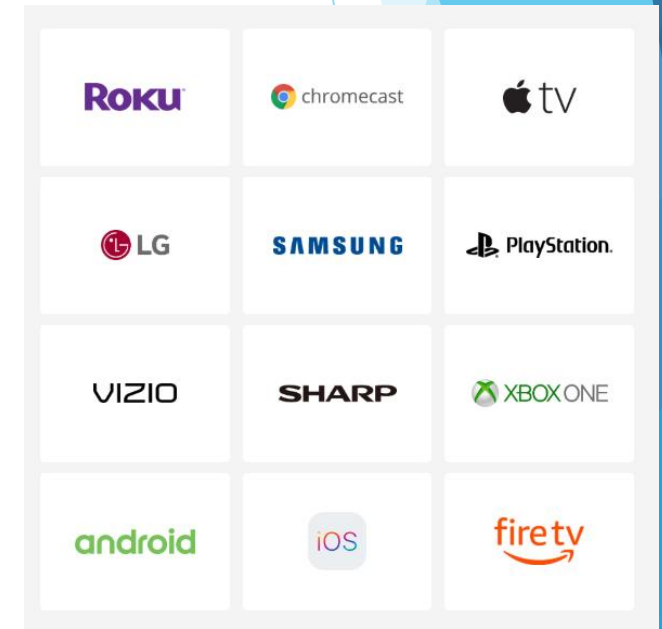
- ▶ What is Streaming?
- ▶ How to stream content on your TV, the basics.
- ▶ Streaming devices and Media Services, so many choices!
- ▶ Broadcast options, local TV, sports.
- ▶ Cost/Comparisons
- ▶ Resources

What is Streaming



How to Stream on your TV

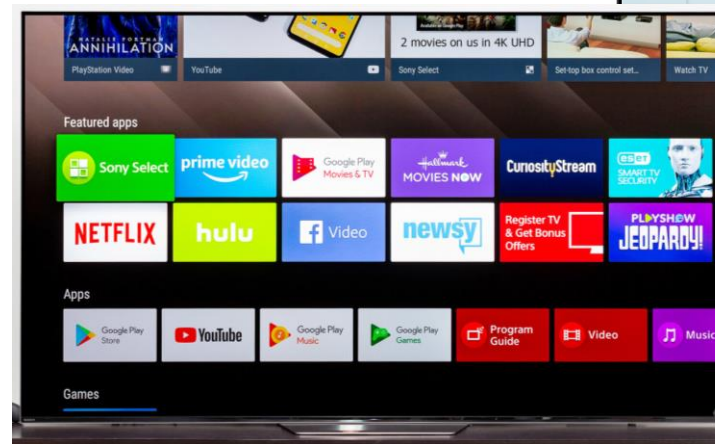
- ▶ You **MUST HAVE** an Internet Connection!
- ▶ How big (Mbps) will depend on how many devices will be connected.
- ▶ Connect TV to the Internet
 - ▶ Any digital TV with laptop or tablet connected to the Internet
 - ▶ SMART TV with built in apps, these can be wired or Wi-Fi
 - ▶ Any digital TV with streaming device such as Roku, Amazon Fire, Chromecast, etc. These are wireless devices and require Wi-Fi setup in your home.
 - ▶ Any digital TV with a blu-ray or console game system with internet connection.
- ▶ Some people are using only portable devices and take their “TV” with them wherever they go.



Streaming Devices

Smart TVs

- ▶ Access online content without a separate, streaming device
- ▶ Approximately 75% of TVs on the market today are Smart, any TV over 55" is internet connected.
- ▶ Apps include Netflix, Hulu, Amazon, Sling, YouTube, Spotify, Pandora (subscriptions not included in cost of TV) and the list is growing.



Streaming Devices

- ▶ Roku
- ▶ Google Chromecast
- ▶ Amazon Fire TV
- ▶ Apple TV
- ▶ Tivo
- ▶ Blu-ray players
- ▶ Console Video Games (xbox, wii, PlayStation)

1-17 OF 17 RATED MODELS SHOWN

Overall Score	Brand & Model / Price	Picture quality	Test results				
			Features	Everyday use	Connectivity	First time setup	
4K Streaming Media Devices							
OVERALL SCORE 83	Amazon Fire TV Cube (2nd Gen) Recommended Price: \$120		↑	↑	↑	↑	
OVERALL SCORE 83	Amazon Fire TV Cube Recommended Price: \$120		↑	↑	↑	↑	
OVERALL SCORE 81	Amazon Fire TV Stick 4K Best Buy Price: \$50.00		↑	↑	↑	↑	
OVERALL SCORE 77	Apple TV 4K (32GB) Recommended Price: \$180		↑	↑	↑	↑	
OVERALL SCORE 77	Apple TV 4K (64GB) Recommended Similar to tested model: Apple TV 4K (32GB) Price: \$200		↑	↑	↑	↑	
OVERALL SCORE 80	Google Chromecast Ultra Best Buy Price: \$70.00		↑	↑	↑	↑	
OVERALL SCORE 83	Roku Ultra (2018) Best Buy Price: \$80.00		↑	↑	↑	↑	

Streaming Services

Monthly Subscriptions*

- ▶ Acorn - \$5.99/month or \$59.99/year. British TV fare (including shows from Ireland, Canada, New Zealand & Australia)
- ▶ Netflix - the first, and still most popular, service prices range from \$8.99 to \$15.99/month. Lots of popular original content. Watch on up to 4 screens at a time.
- ▶ Amazon Prime Video - part of your Prime subscription (\$119/year) or as stand alone service for \$13/month. Includes streaming, pay-per-view, and options to add even more channels (from \$4 to \$15 a month). Lots of popular original content. Ability to just ask Alexa.
- ▶ Disney+ - \$8/month or \$80/year Disney's own content plus Star Wars, Marvel, Pixar and National Geographic. Need a Premium account to get movies when they release to theaters.
- ▶ Apple TV+ - \$5/month or included with purchase of a new Apple phone, tablet, laptop or TV (not smartwatch) for 1 year. Mostly original content from Oprah, Spielberg, JJ Abrams, Shyamalan. Ability to add premium channels at same cost.

The logo for ACORN TV, featuring the word "ACORN" in a dark blue, sans-serif font and "TV" in a smaller, white font inside a red square.The logo for Netflix, with the word "NETFLIX" in a bold, red, sans-serif font.The logo for Amazon Prime Video, with "amazon" in a small, black, sans-serif font and "prime video" in a larger, blue, sans-serif font.The logo for Apple TV+, featuring the Apple logo in black and "tv+" in a black, sans-serif font.

*No Contract! If you don't like one, switch next month and try something new.

Streaming Services

- ▶ Hulu - \$5.99/month with commercials, \$12/month commercial free. Latest shows from ABC, NBC, Fox, and more, along with back catalog of some favorites.
- ▶ Hulu +Live TV - \$64.99/month includes a Cloud DVR. Use as a cable replacement. Options to add Disney+ ESPN+, HBO, Showtime and more. (Now owned by Disney)
- ▶ Sling TV between \$35-\$50/month for a growing selection of cable channels, now with optional Cloud DVR service
- ▶ YouTube TV - \$65/month Original YouTube content plus broadcast and cable channels, Cloud DVR, and all the Sports! Up to 6 logins per household stream on up to 3 devices at once.
- ▶ HBO Max - \$9.99/month with ads or \$14.99/month ad-free and same-day WB Movie theater premieres. HBO original content plus Turner Network libraries including Cartoon Network, Turner Classics, Sesame Street, and more.

The Hulu logo consists of the word "hulu" in a lowercase, rounded, green sans-serif font, set against a white rectangular background.The Sling logo features the word "sling" in a lowercase, blue, rounded sans-serif font. Above the letter "i" are three orange curved lines of varying lengths, resembling a signal strength indicator.The YouTube TV logo includes the red YouTube play button icon on the left, followed by the text "YouTubeTV" in a bold, black, sans-serif font.The HBO Max logo features the letters "HBO" in a bold, black, sans-serif font, followed by the word "max" in a lowercase, purple, sans-serif font.

Streaming Services

- ▶ Paramount+ - \$5/month includes commercials, \$10/month commercial free. Watch all the top-rated shows from CBS, BET, Comedy Central, Nickelodeon, MTV, Smithsonian and original programming including Star Trek Discovery, Picard, Twilight Zone and more.
- ▶ PBS Passport- make a donation to CPTV and get an access code to all your favorite shows! \$5/month or \$60/year
- ▶ NBC Peacock- Free with commercials or \$5/month for Premium or \$10/month for Premium Plus. Historical and present-day NBC Shows, original content along with movies from Universal, Focus Features and DreamWorks Animation.
- ▶ Discovery+ - \$5/month with ads or \$7/month ad-free. Original content plus shows from HGTV, Food Network, TLC, Animal Planet, OWN, Discovery, Magnolia, A&E, Lifetime, History, Travel, Science, DIY and more.
- ▶ BritBox - \$7/month or \$70/year. BBC and ITV shows including the first seven Doctors



Streaming Services

- ▶ AT&T TV Now/DIRECTV Stream - \$70/month for 65 channels and on demand movies. \$85/month for 90+ channels and \$95/month for 130+ channels
- ▶ Fubo TV - \$65/month for over 120 channels of live TV with Cloud DVR and many options for sports lovers. Best for NFL fans.
- ▶ Philo - \$25/month for 60+ cable TV channels, live or on-demand, Sports-free. Cloud DVR and 72-hour “look back” included. Started in 2009 at Harvard University!

The logo for DIRECTV Stream, featuring the word "DIRECTV" in a bold, blue, sans-serif font with a white diagonal line through the "D", and the word "stream" in a smaller, black, lowercase sans-serif font below it.

DIRECTV
stream

The logo for fubo TV, with "fubo" in a bold, orange, lowercase sans-serif font and "TV" in a smaller, grey, uppercase sans-serif font to its right.

fubo TV

The logo for philo, featuring the word "philo" in a large, blue, lowercase sans-serif font.

philo

Streaming Services for Free (ad-supported)

- ▶ Crackle - from Chicken Soup for the Soul. Older movies and popular TV shows
- ▶ Fawesome.tv - Free and Awesome TV. A library of over 10,000 movies and tv shows. Only available on Roku, Amazon FireTV, LG TVs or computers.
- ▶ IMDb-TV - Amazon's free service brought to you through the Internet Movie (and TV) database. Thousands of older movies and tv shows. Original content includes celebrity interviews, documentaries and coverage of film festivals.
- ▶ Pluto.tv - a Viacom/CBS free streaming service that brings you curated content from popular Viacom channels like: BET, Comedy Central, MTV, Nickelodeon, Nick Jr, Spike, CMT, MTV, and Paramount.
- ▶ Redbox - yes, the grocery store vending machine people. Through their website they have quietly rolled out a free service that is currently light on content, but since it is new it may need time to grow.
- ▶ SnagFilms - it features 2,000 on-demand movies, TV show episodes, documentaries, and original comedy shorts. Categories include Climate Change & the Environment, Refugee & Immigrant Stories, Celebrate Pride, and Before They Were Stars.

CRACKLE

FAWESOME.TV

IMDb TV

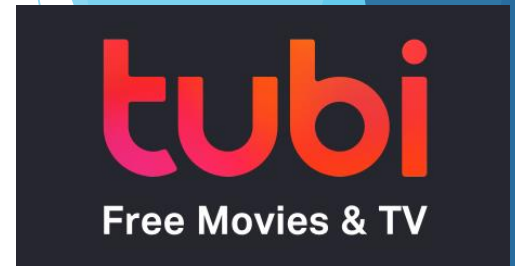
pluto tv

redbox.

SNAGFILMS

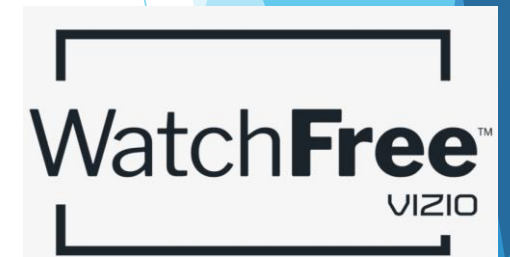
Streaming Services for Free (ad-supported)

- ▶ Stirr - from Sinclair Broadcasting. Unusual channels, but tons of content!
- ▶ Tubi TV - Free to register and get content from MGM, Paramount, Lionsgate, Warner Bros and Starz. A Kids version is coming soon.
- ▶ Vudu - from Walmart. Register for free, content includes movies, tv shows and a few original programs.
- ▶ WatchYour.tv - from TVS Network. Classic television programs including sports. Travel back in time for your favorite shows.
- ▶ Xumo TV - focusing on unusual premium channels like Vogue, Bon Appetit, TMZ and SYFY.
- ▶ YouTube - Look for Watch for Free on the website or app, content changes frequently, but includes movies and tv shows.



Streaming Services for Free by Device

- ▶ LG Channels/Plus - available on LG tvs going back to 2012. Content is from Xumo TV. Use the channel guide on your tv to find more.
- ▶ Samsung TV+ - 90 ad-supported channels for news, sports and entertainment. Available on Samsung tvs since 2016.
- ▶ Vizio WatchFree - Available on SmartCast tvs, ad-supported content from Pluto tv adds over 150 channels for news, sports, movies and more
- ▶ Tivo+ - only available with a Tivo Edge DVR unit. Ad-supported older tv shows, and some content provided by Xumo
- ▶ Roku Channel - now available on mobile devices as well as through the Roku device. Ad-supported free content, lots to choose from. With the Roku device you have the ability to search for channels that offer free content like CW, ABC and all the services mentioned above.



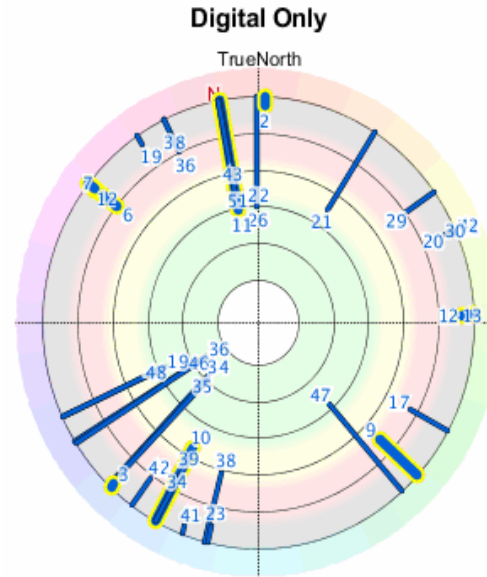
Broadcast Options

Number One Question - How can I watch local programming without cable or satellite?

- ▶ Keep cable (starting around \$60/month internet included)
- ▶ HD Antenna
- ▶ Streaming Services: most of these include some or all broadcast channels
 - ▶ YouTube TV
 - ▶ Hulu+ Live TV
 - ▶ Fubo
 - ▶ Philo

Broadcast Options Antennas

- ▶ Indoor Antennas can cost as little as \$20 or as much as \$100
- ▶ Can be installed easily, just like hanging a picture, some even attach to glass.
- ▶ Experiment with placement for best reception
- ▶ Tvfool.com or AntennaWeb.org can give you the latest on which channels you can receive based on where you live - the example here is for an antenna on top of the library!
- ▶ Check Consumer Reports or Tom's Guide for ratings and reviews.



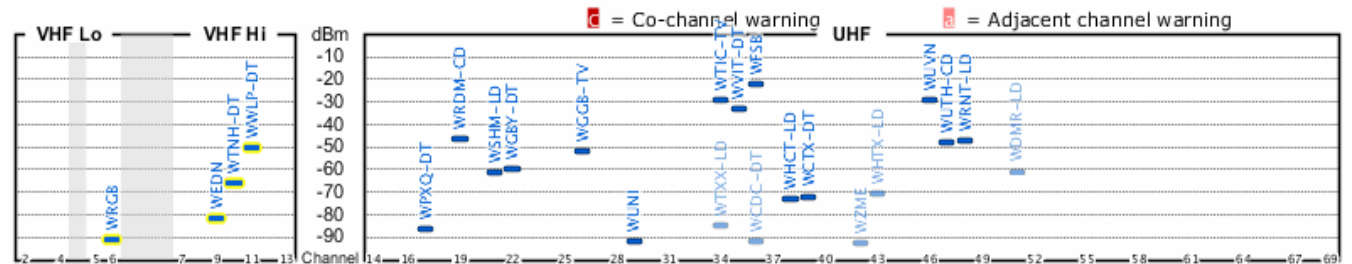
Search Criteria

Lat: 41.85***
Lon: -72.64***
Height: 10.0 ft.

db datecode
201801291705

www.tvfool.com

Channel	Callsign	Real (Virt)	Netwk	NM(dB)	Pwr(dBm)	Path	Dist miles	Azimuth True (Magn)
WFSB	36		CBS	68.5	-22.4	LOS	9.7	239° (252°)
WTIC-TV	34		Fox	61.9	-28.9	LOS	13.9	224° (238°)
WUWN	46 (18.1)		Uni	61.4	-29.5	LOS	9.6	238° (251°)
WVIT-DT	35 (30.1)		NBC	58.0	-32.9	LOS	14.1	224° (237°)
WRDM-CD	19			44.5	-46.4	LOS	8.7	246° (259°)
WRNT-LD	48			43.9	-46.9	LOS	8.7	246° (259°)
WUTH-CD	47			42.7	-48.1	LOS	13.0	138° (152°)
WWLP-DT	11 (22.1)		NBC	40.7	-50.1	LOS	16.6	349° (3°)
WGGB-TV	26		ABC	39.1	-51.8	1Edge	27.1	360° (13°)
WGBY-DT	22 (57.1)		PBS	31.0	-59.9	1Edge	27.1	360° (13°)
WDMR-LD	51			30.0	-60.8	1Edge	16.6	350° (3°)
WSHM-LD	21			29.5	-61.3	LOS	22.3	33° (46°)
WTNH-DT	10 (8.1)		ABC	24.7	-66.2	2Edge	33.4	209° (222°)
WHTX-LD	43 (10.1)			20.0	-70.9	1Edge	16.5	349° (3°)
WCTX-DT	39 (59.1)		MyN	19.0	-71.8	2Edge	33.4	209° (222°)
WHCT-LD	38			17.9	-72.9	1Edge	5.9	194° (208°)
WEDN	9		PBS	9.1	-81.7	2Edge	33.5	132° (146°)
WTXX-LD	34			6.3	-84.6	2Edge	32.6	209° (222°)
WPXQ-DT	17 (69.1)		ION	4.6	-86.3	2Edge	50.8	118° (132°)
WRGB	6 (6.1)		CBS	-0.1	-90.9	2Edge	88.2	308° (322°)
WCDC-DT	36 (19.1)		ABC	-0.8	-91.6	1Edge	60.7	334° (348°)
WUNI	29 (27.1)		Uni	-0.9	-91.7	2Edge	58.4	55° (68°)
WZME	42 (43.1)			-2.0	-92.9	2Edge	41.4	216° (230°)
WFTY-DT	23		Te1	-11.3	-102.1	2Edge	68.1	194° (207°)
WNAC-DT	12 (64.1)		Fox	-12.6	-103.4	2Edge	70.3	88° (102°)
WPRI-TV	13 (12.1)		CBS	-13.1	-104.0	2Edge	70.3	88° (102°)
W38DL-D	38			-13.8	-104.6	1Edge	60.7	334° (348°)
WCVB-TV	20		ABC	-13.8	-104.7	2Edge	79.1	66° (79°)
WBZ-TV	30		CBS	-14.1	-104.9	2Edge	79.1	66° (79°)
WRGB	19		CBS	-14.7	-105.6	2Edge	58.2	326° (339°)
WNYT	12		NBC	-15.0	-105.9	2Edge	88.2	308° (322°)
WYCX-CD	2			-15.4	-106.3	2Edge	77.7	2° (15°)
WXIA-TV	7 (23.1)		Fox	-15.5	-106.3	2Edge	88.2	308° (322°)
WEDY	41			-16.2	-107.1	2Edge	38.4	201° (214°)
WHDH-TV	42 (7.1)		NBC	-17.2	-108.0	Tropo	80.1	66° (80°)
WJLP	3 (33.1)			-17.8	-108.6	2Edge	102.8	223° (237°)
WLVI	41		CW	-17.9	-108.7	2Edge	79.7	66° (80°)
WGBH-TV	19		PBS	-19.2	-110.1	Tropo	79.1	66° (79°)
WFXT-DT	31 (25.1)		Fox	-19.3	-110.2	2Edge	79.7	66° (80°)
WRNN-DT	48 (48.1)		Ind	-20.0	-110.9	2Edge	71.9	250° (264°)
WBIN-TV	27			-21.9	-112.7	2Edge	69.7	58° (71°)
WUTF-DT	27 (66.1)		Te1	-21.9	-112.7	2Edge	69.7	58° (71°)
WTBY-TV	27 (54.1)		Ind	-23.0	-113.9	2Edge	71.9	250° (264°)
WSBK-DT	39 (38.1)		Ind	-23.4	-114.2	2Edge	79.1	66° (79°)
WMHT-DT	34 (17.1)		PBS	-23.5	-114.3	2Edge	88.2	308° (322°)
WENH-TV	11 (11.1)		PBS	-23.7	-114.5	2Edge	117.4	38° (52°)
WORK-LP	3 (33.1)			-24.0	-114.9	2Edge	114.3	36° (49°)
WLWC	22		CW	-24.2	-115.0	Tropo	88.8	93° (106°)
WABC-TV	7		ABC	-24.4	-115.2	Tropo	105.9	223° (236°)
WGBX-TV	43		PBS	-24.5	-115.4	2Edge	79.1	66° (79°)
WMBC-TV	18 (63.1)		Ind	-24.7	-115.6	Tropo	105.6	231° (244°)



Let's talk money:

My current monthly costs:

- ▶ 83.99** Broadband Internet service through Cox (supporting 10+ devices)
 - ▶ 8.99 Netflix streaming
 - ▶ 25.00 Sling
 - ▶ 0.00 Hulu subscription shared with my in-laws
 - ▶ 0.00 Peacock
-
- ▶ 117.98 monthly *

*I didn't include my annual Amazon Prime cost, because I use it for so much more than the video service.

**No taxes and/or other fees. This is what I actually pay.

What is the best option to watch your favorite shows and movies for free?



Digital Services from Windsor Library!

Get your Library card ready!

- ▶ Overdrive - besides ebooks, audiobooks and magazines Overdrive does carry videos including Great Courses, Scholastic, documentaries, exercise videos and movies!
- ▶ Kanopy - Thoughtful Entertainment including films from Criterion, Great Courses, New Day, and PBS.
- ▶ Hoopla Digital - For music, movies, TV shows and more. This service also works with Amazon Alexa enabled devices.

HOW DO I? SERVICES TAKE US HOME! ONLINE RESOURCES KIDSPACE TEENS WILSON BRANCH

Digital Collections

Movies

Overdrive for iOS/Apple
Overdrive for Android
Overdrive for PC/Mac

kanopy
Kanopy for iOS/Apple
Kanopy for Android
Kanopy for PC/Mac

hoopla
Hoopla for iOS/Apple
Hoopla for Android
Hoopla for PC/Mac

The World's finest cinema is now streaming free with your library card!

Books

Audio Books

Television

hoopla
Hoopla for iOS/Apple
Hoopla for Android
Find apps for Apple TV, Fire TV, Roku, and Chromecast

kanopy
Kanopy for iOS/Apple
Kanopy for Android
Find apps for Apple TV, Fire TV, Roku, and Chromecast

Checkout shows from Acorn TV, A+E Networks, Sesame Street, The Great Courses and more!

Do you have your library card ready?

There are apps available for multiple devices. Download the app for your device, sign in with your library card and find what you love! As always, staff is available to assist if you need us.

Featured Title: A Street Cat Named Bob

Based on the international best-

Resources - Websites

- ▶ Cord Cutters News www.cordcuttersnews.com
- ▶ Tom's Guide www.tomsguide.com
- ▶ Grounded Reason www.groundedreason.com
- ▶ PC Mag www.pcmag.com
- ▶ CNET: www.cnet.com
- ▶ Consumer Reports www.windsorlibrary.com use your library card to access
- ▶ Digital Trends www.digitaltrends.com
- ▶ Mashable www.mashable.com

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