

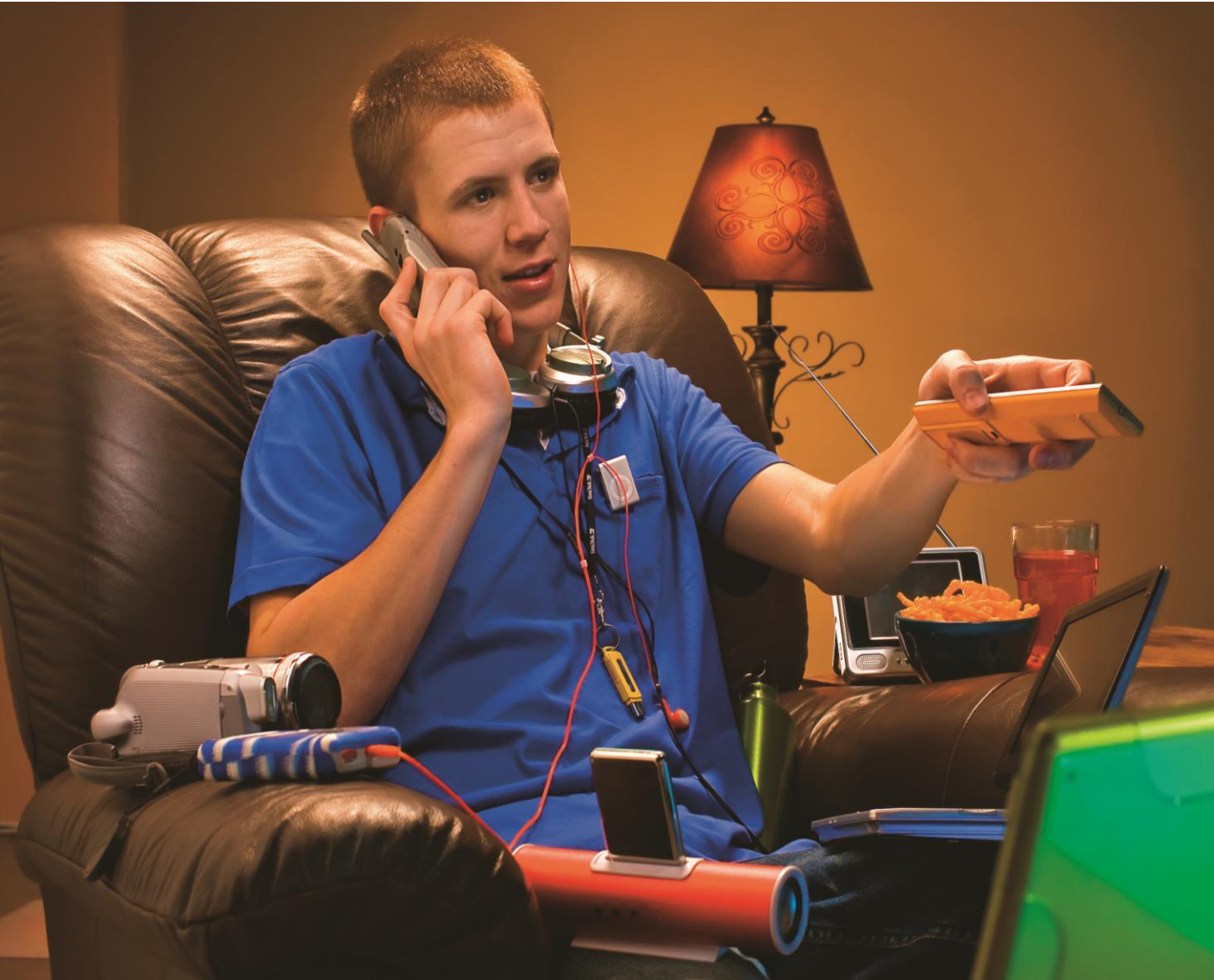
Technology Safeguards in Your Home

About Your Presenter



- Author of *“Cyber Safety: Maintaining Morality in a Digital World”*
- CTO for multiple security companies
 - Computer Forensics and Internet Filtering
- 3 U.S. Patents for security software
- 25 years in software development
- B.S. in C.S from UVU, MBA from BYU
- Currently CIO for Merrick Bank
- Married for 28 years, father of 4

About Your Kids



Love to share

Demand Immediate
Information

Overloaded

Isolated

Mobile

Apostolic Blessing



“100 years ago, people still traveled by horse and buggy... There was no air travel, no E-mail, no fax machines, no Internet. There has been an explosion of secular knowledge. I believe that **God** has opened up these treasures of intelligence to enhance His purposes on the earth.

The new century will bring exponential advances in that treasury.”

Apostolic Warning



Today I raise an **apostolic voice of warning** about the potentially stifling, suffocating, suppressing, and constraining impact of some kinds of cyberspace interactions and experiences upon our souls. ...**in a cyber world, these challenges are more pervasive and intense.**

Five Home Technology Safeguards

1. Carefully determine what technology you will keep in your home



2. Keep devices in public areas



3. Have a device curfew



4. Filter and limit device access



5. Regularly monitor and discuss device activity



We Are More Connected Than Ever



kindle fire
Web, apps, books,
games, e-mail,
Facebook, movies,
and more



Things at home that connect to the Internet



- Laptop
- PC
- Mac



Computers

Mobile Devices

Things at home that connect to the Internet



- Smartphones
- Tablets
- iPods
- Handheld Gaming Devices



Things at home that connect to the Internet

Streaming Media Players



- Roku
- Chromecast
- Apple TV
- Amazon Fire TV



Things at home that connect to the Internet

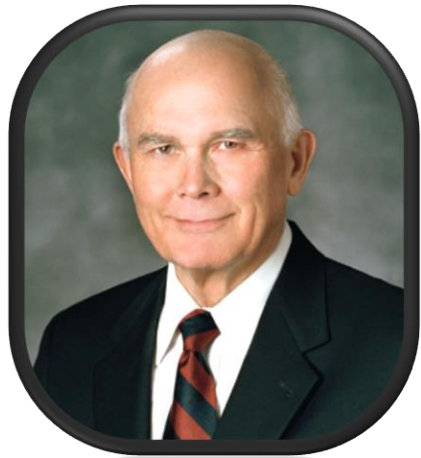
Other



- Smart TV's
- Gaming Consoles
- Smart DVD/Blu-ray Players
- Cable and Satellite receivers



Install Filters



We must also act to **protect those we love**. Parents install alarms to warn if their household is threatened by smoke or carbon monoxide. We should also install protections against **spiritual threats**, protections like **filters on Internet connections**

Types of Internet Protections

Whole Home Protection (Everything connected to home WiFi)

- ☺ All types of devices are protected
- ☺ Need to setup just once
- ☹ Does not always protect device when connected to cellular data or another WiFi location

Device Protection (Each device has installed software)

- ☺ Protects device no matter how it connects to the Internet
- ☺ Very granular protection
- ☹ Software not available/supported for EVERY device
- ☹ Each device has to be setup and configured individually

Device Protection



Types of Internet Protections

Service Settings (Provided by service provider)

- 😊 High confidence
- 😊 Already included and easy to setup
- 😞 Generally non-customizable, and often too restrictive

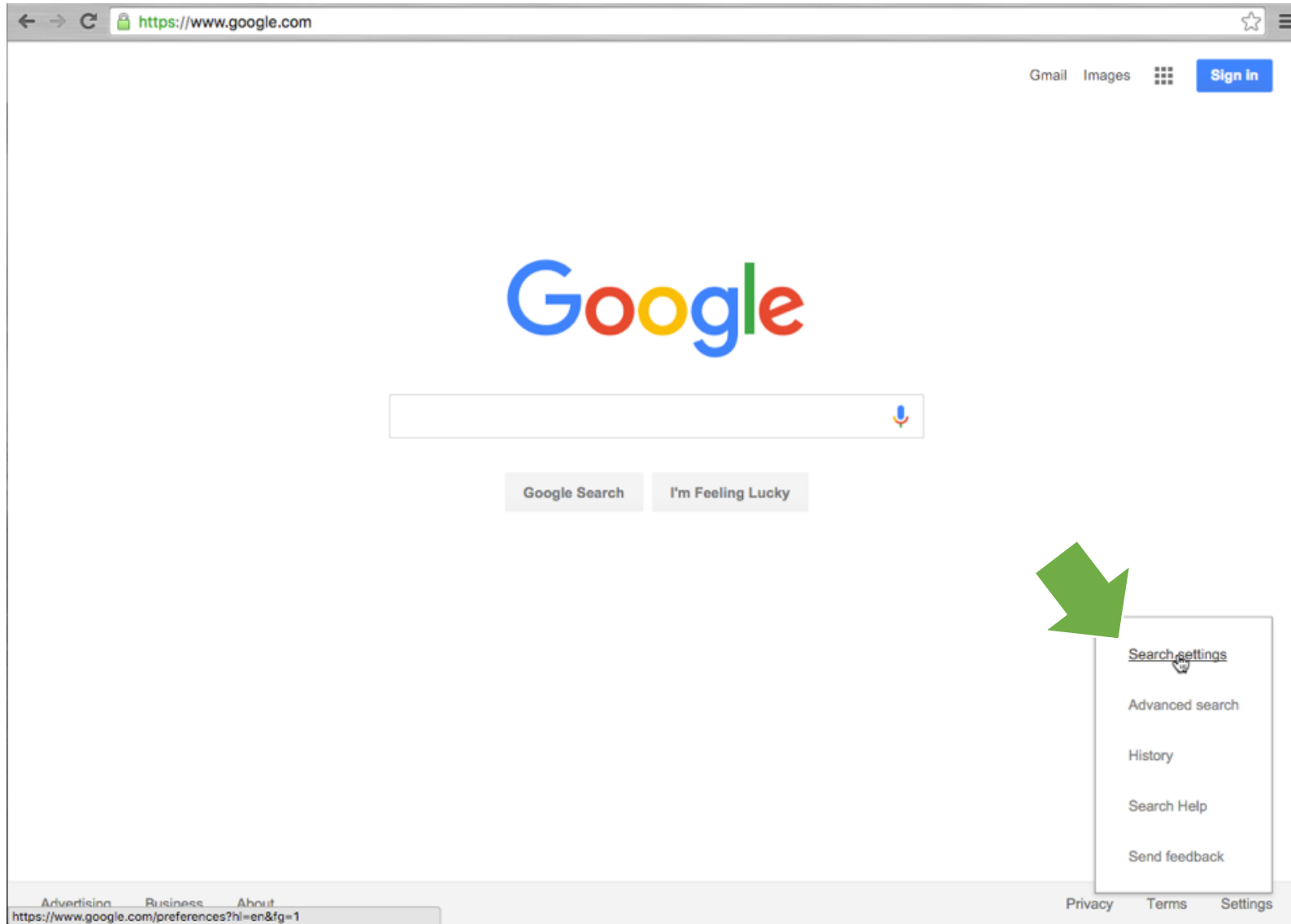
Service Protection



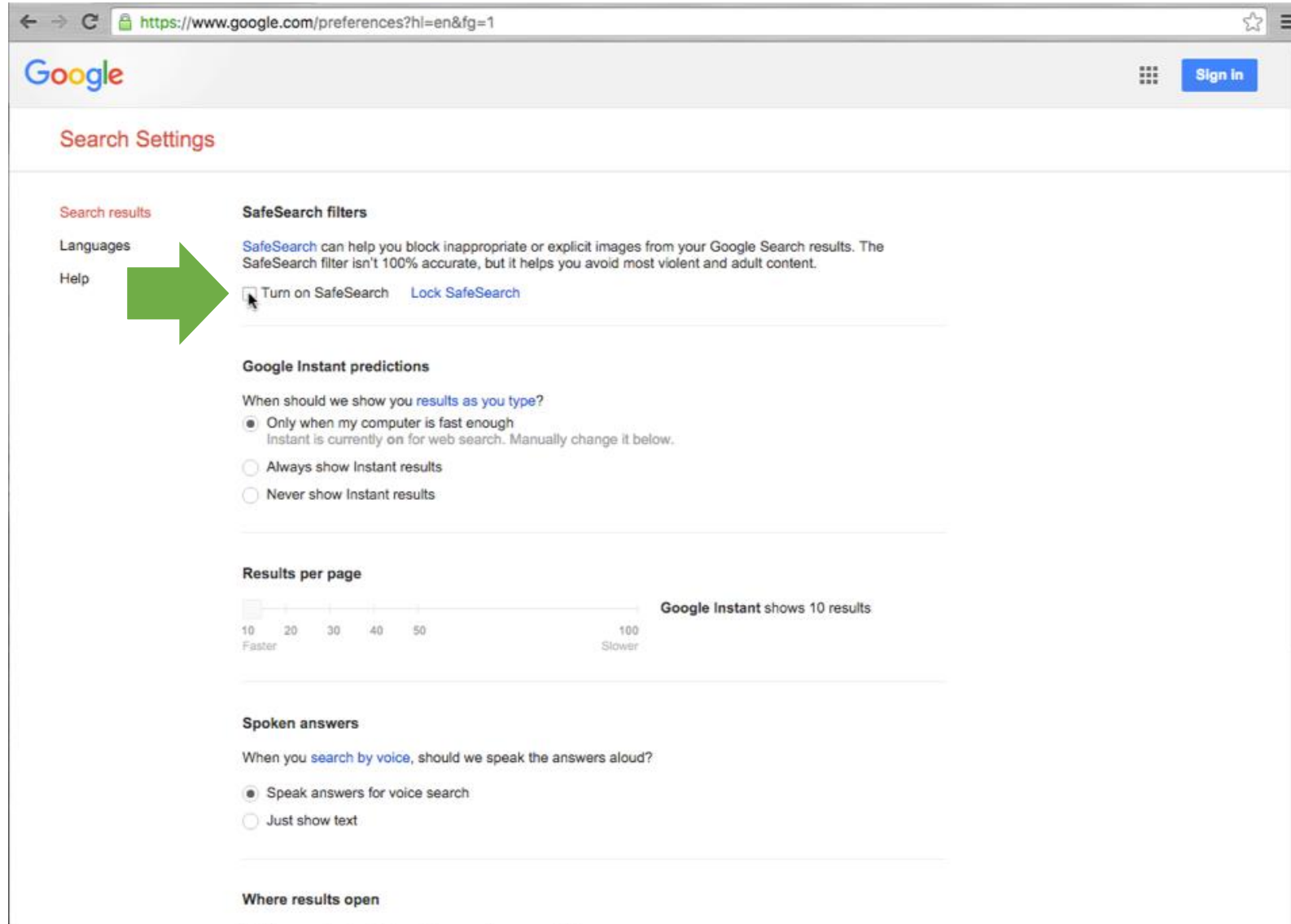
Some Tools I Recommend 😊

		Initial Cost	Subscription Fee	Additional Info
Device Software	K9	\$0	\$0	
	NetNanny	\$0	\$60/yr (5 devices)	
	CovenantEyes	\$0	\$180/yr (family)	
Whole Home	OpenDNS	\$0	\$0	Remember to password protect the router
	Router Limits	\$49	\$0	Monthly fee for cell data coverage
	Circle with Disney	\$99	\$0	Monthly fee for cell data coverage
Service Settings	Google/Bing SafeSearch	\$0	\$0	Very good; easy to disable
	YouTube Restricted Mode	\$0	\$0	Good; false positives; easy to disable
	Netflix Rating Restrictions	\$0	\$0	Good; strict filter includes “unrated”
	Cellular Carrier Filter	\$0	\$0 - \$5/mo	Fair; false positives; often subpar

Google SafeSearch



Google SafeSearch



The screenshot shows the Google Search Settings page. The browser address bar displays <https://www.google.com/preferences?hl=en&fg=1>. The Google logo is in the top left, and a 'Sign in' button is in the top right. The page title is 'Search Settings'. On the left, there are links for 'Search results', 'Languages', and 'Help'. A large green arrow points from the 'Help' link to the 'Turn on SafeSearch' checkbox in the 'SafeSearch filters' section. The 'SafeSearch filters' section includes a description of SafeSearch and a 'Lock SafeSearch' link. Below it is the 'Google Instant predictions' section with three radio button options. The 'Results per page' section features a slider from 10 to 100. The 'Spoken answers' section has two radio button options. The 'Where results open' section is partially visible at the bottom.

← → ↻ <https://www.google.com/preferences?hl=en&fg=1> ☆ ☰

Google ☰ Sign in

Search Settings

Search results

Languages

Help

SafeSearch filters

SafeSearch can help you block inappropriate or explicit images from your Google Search results. The SafeSearch filter isn't 100% accurate, but it helps you avoid most violent and adult content.

Turn on SafeSearch [Lock SafeSearch](#)

Google Instant predictions

When should we show you [results as you type](#)?

Only when my computer is fast enough
Instant is currently on for web search. Manually change it below.

Always show Instant results

Never show Instant results

Results per page

Google Instant shows 10 results

10 20 30 40 50 100
Faster Slower

Spoken answers

When you [search by voice](#), should we speak the answers aloud?

Speak answers for voice search

Just show text

Where results open

YouTube Restricted Mode

The image shows a screenshot of the YouTube homepage. At the top, the browser address bar displays "https://www.youtube.com". The YouTube logo is on the left, and "Upload" and "Sign in" buttons are on the right. The main content area features a grid of video thumbnails, including "SPORTS FAILS Vines", "Sports Vines March 2016 With Titles And Song Names (Part 1)", "The 25 Best Sports Plays of 2014", and "Sports Vines February 2016 With Titles And Song Names (Part 3)". Below these is a "Recommended channel" section for "The Late Late Show with James Corden" with a "Subscribe" button. A "Load more" button is visible at the bottom of the video grid.

At the bottom of the page, the YouTube logo is followed by several utility buttons: "Language: English", "Country: Worldwide", "Restricted Mode: Off", "History", and "Help". A green arrow points to the "Restricted Mode: Off" dropdown menu. Below these buttons is a footer with links for "About", "Press", "Copyright", "Creators", "Advertise", "Developers", "+YouTube", "Terms", "Privacy", "Policy & Safety", "Send feedback", "Try something new!", and "© 2016 YouTube, LLC".

YouTube Restricted Mode

The image shows a screenshot of the YouTube homepage. On the left is the navigation sidebar with categories like Home, Trending, Music, Sports, Gaming, Movies, TV Shows, News, Live, Spotlight, and 360° Video. The main content area displays a grid of four carpool karaoke videos: Adele, Sia, Jason Derulo, and Justin Bieber. Below the videos is a 'Load more' button. At the bottom of the page, a 'Restricted Mode' settings panel is open, showing the 'Restricted Mode' toggle set to 'Off'. A green arrow points from the 'YouTube Red' link in the sidebar to the 'Restricted Mode' settings panel.

Home Trending

ADELE 14:52
SIA 10:59
JASON DERULO 9:37
JUSTIN BIEBER 12:18

Adele Carpool Karaoke
The Late Late Show with James Corden
83,956,061 views · 1 month ago

Sia Carpool Karaoke
The Late Late Show with James Corden
26,128,280 views · 2 weeks ago

Jason Derulo Carpool Karaoke
The Late Late Show with James Corden
13,103,131 views · 4 months ago

Justin Bieber Carpool Karaoke - Vol. 2
The Late Late Show with James Corden
35,488,887 views · 3 months ago

Load more

Language: English Country: Worldwide Restricted Mode: Off History Help

Restricted Mode

- Restricted Mode hides videos that may contain inappropriate content flagged by users and other signals. No filter is 100% accurate, but it should help you avoid most inappropriate content.
- Your Restricted Mode setting will apply to this browser only.

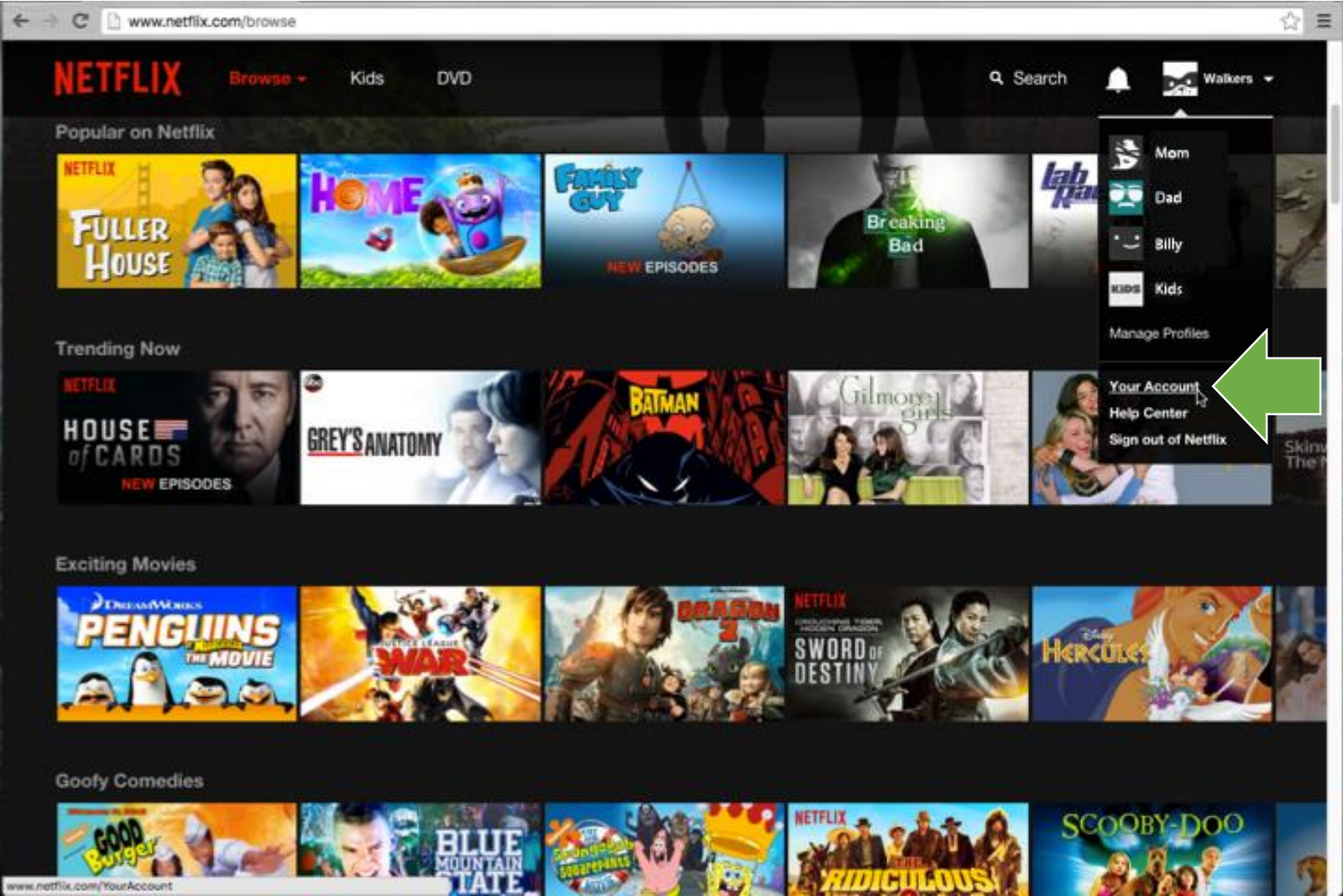
On Off

Save

YouTube Red

About Press Copyright Creators Advertise Developers +YouTube
Terms Privacy Policy & Safety Send feedback Try something new! © 2016 YouTube, LLC

Netflix Parental Controls



Netflix Parental Controls

The screenshot shows the Netflix account management page. The browser address bar displays <https://www.netflix.com/YourAccount>. The Netflix logo is in the top left, and navigation options like 'Browse' and 'Kids' are in the top center. A search bar and a profile icon labeled 'Walkers' are in the top right. The main content area is divided into sections: 'PLAN DETAILS' with '2 Screens + HD' and 'Change plan' link; 'SETTINGS' with a list of options including 'Communication settings', 'Parental controls' (highlighted with a green arrow), 'Test participation', 'Activate a device', and 'Sign out of all devices'; 'MY PROFILE' with a profile icon for 'Walkers' and 'Manage profiles' link, and sub-options like 'Language', 'Playback settings', 'Subtitle appearance', 'Order in My List', 'Viewing activity', 'Ratings', and 'Reviews'; and 'GIFTS & OFFERS' with an input field for 'Enter code or pin', a 'Redeem' button, and a 'Where to buy gift cards' link. A footer link 'Questions? Contact us.' is at the bottom left.

Netflix Parental Controls

The screenshot shows the Netflix website's parental control settings page. At the top, the browser address bar displays <https://www.netflix.com/pin>. The Netflix logo is on the left, and navigation options like 'Browse' and 'Kids' are in the center. On the right, there is a search bar and a user profile icon labeled 'Walkers'. The main heading is 'Parental Controls'. Below it, the 'Parental Control PIN (4 digits)' is shown as '1 2 3 4'. A note states: 'Your PIN is required for anyone to watch content above the selected level.' The 'PIN Protection Level' is set to 'Adults', with a green line indicating the protection level across a scale from 'Little Kids' to 'Adults'. The 'Adults' level includes content ratings: TV-MA, R, NC-17, NR, and UR. A large green arrow points to the 'Adults' level. At the bottom, there are 'Save' and 'Cancel' buttons. The footer contains links for 'Questions? Contact us.', 'Help Center', 'Investor Relations', 'Media Center', 'Jobs', 'Terms of Use', and 'Privacy Statement'.

NETFLIX Browse Kids Search Walkers

Parental Controls

Parental Control PIN (4 digits)
Your PIN is required for anyone to watch content above the selected level.

1 2 3 4

PIN Protection Level
Content for **Adults and up** protected by PIN.

Little Kids Older Kids Teens Adults

TV-Y TV-G G TV-Y7-FV TV-PG TV-Y7 PG TV-14 PG-13 TV-MA R NC-17 NR UR

Save Cancel

Questions? Contact us.

Help Center Investor Relations Media Center Jobs

Terms of Use Privacy Statement

Cellular Carrier Filter

https://support.t-mobile.com/docs/DOC-2144

Home Account Billing Coverage

Account
Billing
Coverage
Plans
Handset protection
Calling & messaging
International
Family Allowances
Music & video streaming
Simple Choice plans
Prepaid plans
Web & data
Ask a question
Devices
Community
Contact Us

Web Guard

Created by [tmo_ryanm](#) on Jul 27, 2011 11:38 AM. Last modified

Web Guard is a free service which you can use to help restrict members under 18 years of age. The **Primary Account Holder**

How it works

Web Guard helps to block or filter web page content, but it does not work at certain times or in certain locations, and it does not work at certain times or in certain locations, and it does not work at certain times or in certain locations.

Requesting sites/pages be blocked or unblocked

If you'd like certain content be blocked or unblocked, email contentcontrol2@t-mobile.com.

Requests are reviewed by a third-party vendor that maintains a comment on specific content concerns, but we do forward a comment on specific content concerns, but we do forward a comment on specific content concerns.

Adding or managing Web Guard

The **Primary Account Holder** can add or remove Web Guard settings from the **PROFILE** page.

If you're seeing an "Access Denied" error when trying to go to a line, Contact the Primary Account Holder to check the Web Guard settings.

1871745 Views

https://wbillpay.verizonwireless.com/vzw/nos/safeguards/SafeguardProductDetails.action?prod

Wireless Residential Business

Shop Support My Verizon

Sign In Register Learn More

Content Filters

View all Family Safeguards & Controls

Manage the content your kids can access

Set boundaries to help ensure your kids can view only age appropriate content.

Get it now

[Terms & Conditions >](#)
[Frequently Asked Questions >](#)

Choosing the Right Filter

C7+ CHILDREN 7+	Children 7+ Contains little or no violence, no strong language, no drug use, limited alcohol or tobacco use, no modeling of dangerous activities.	T13+ TEEN 13+
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https://www.att.com/shop/wireless/smartlimits.html

Personal Business About AT&T

Shop myAT&T Support

Wireless TV Bundles Internet Home Phone Digital Life Accessories Offers Shopping Help

AT&T Smart LimitsSM

Your family smartphone managerSM

Cancel within 30 days or you will automatically be billed \$4.99/mo. (for 1 line) or \$9.99/mo. (up to 10 lines). Cancel anytime. Restr. apply. New subscribers only. See details below.

Try it now



New AT&T wireless customer?
[Start shopping now >](#)

Overview FAQ

Comparison – Mobile Device Protections





Apple (iPhone, iPad, iPod Touch)

-  Some built-in protections for limiting websites and apps. No additional software needed for basic website filtering.
-  Apple greatly limits the ability of other companies to provide additional protections, filtering, and monitoring.

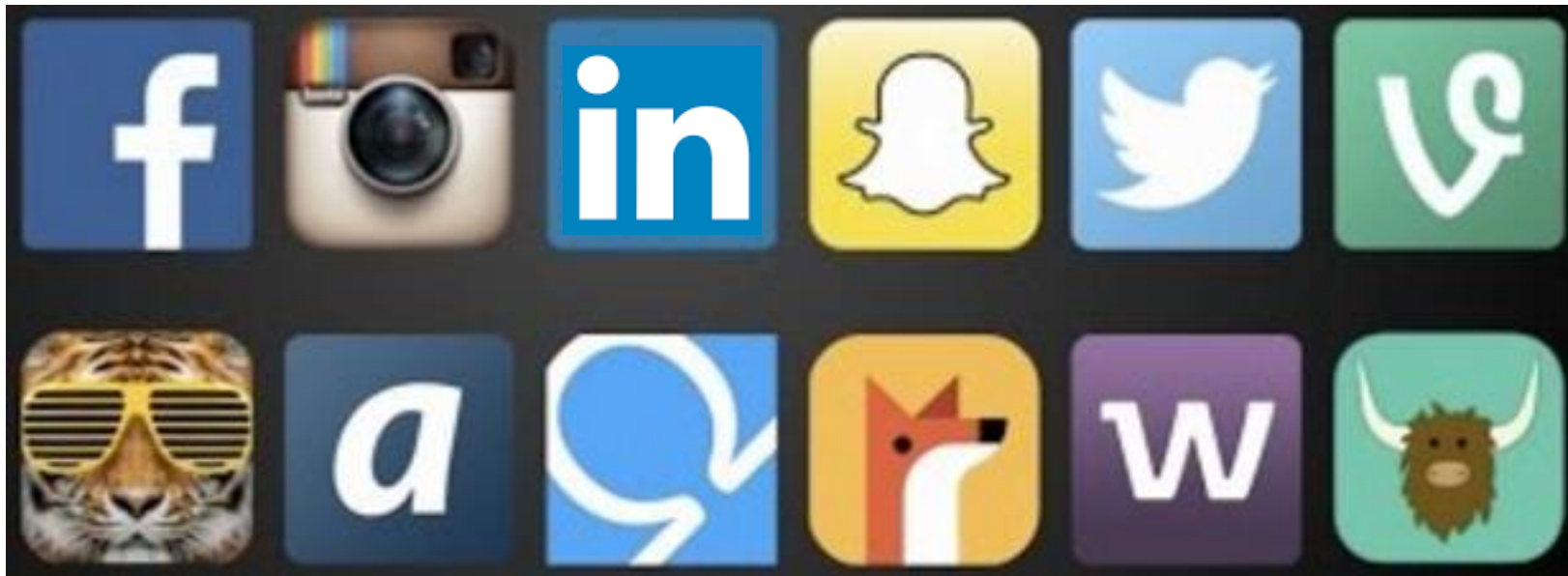


Android (Samsung, LG, Motorola, Google, etc)

-  No built-in protections for limiting websites and apps.
-  Extensive protections, filtering, and monitoring available through third-party apps in the Google Play Store.

Apps

- Know the apps before allowing (safesmartsocial.com)
- Don't trust app ratings
- App popularity doesn't mean app safety



Protecting Gaming Consoles

www.esrb.org/about/settingcontrols.aspx

The screenshot shows a web browser window with the URL www.esrb.org/about/settingcontrols.aspx. The page is titled "RESOURCES FOR PARENTS" and "SETTING CONTROLS". It provides information on parental controls for various gaming consoles and a search tool for ESRB ratings.

RESOURCES FOR PARENTS

SETTING CONTROLS

Parental controls allow parents to limit their children's video game use. Available for all current consoles, handhelds and computers, they can be activated to block games by ESRB rating category, regulate the amount of time your child can play, and restrict access to the Internet.

Click the following images to access guides to learn more about activating the parental controls on your game system(s).

**PLAYSTATION® 4/
PLAYSTATION® 3/PSP®**

PLAYSTATION® VITA

XBOX ONE®/XBOX 360®

WINDOWS® PC

Get the free video game rating search app and read rating summaries anytime, anywhere.

SEARCH ESRB RATINGS

enter game title

FILTER BY:

Platform
ALL PLATFORMS

Rating
ALL RATINGS

Content Excluding Including
ALL CONTENT

SEARCH

RESOURCES FOR PARENTS

- [Know What's in the Game](#)
- [Mobile Tools](#)
- [Setting Controls](#)
- [Online Safety](#)
- [Family Discussion Guide](#)
- [Tips for Parents](#)

Protecting Gaming Consoles

www.esrb.org/about/parentalcontrol-xbox360.aspx



- ESRB RATINGS
- PUBLISHERS
- RETAILERS
- PRIVACY CERTIFIED
- ABOUT ESRB

NEWS | EDUCATION & OUTREACH | RESOURCES | FAQ | CONTACT ESRB

XBOX ONE

SETTING XBOX ONE PARENTAL CONTROLS VIDEO:



ESRB has partnered with Monica Vila, Co-Founder of TheOnlineMom.com, for this easy step-by-step video on how to set parental controls of the Xbox One®.

Follow the steps in this video, below on this page, or in the downloadable guide to the right, to help ensure your children can only access content that is appropriate for them.

Get the free video game rating search app and read rating summaries anytime, anywhere.



SEARCH ESRB RATINGS

FILTER BY:

Platform
ALL PLATFORMS

Rating
ALL RATINGS

Content Excluding Including
ALL CONTENT

Caution: Kids are smart!



PHOTO: SAFETY1ST.COM

**Filters are Like
Child Locks**

Epidemic



Now I know that there are millions of young people in every nation who live **wholesome, good lives**. But no one can blink at the fact that across the world there is an **epidemic** affecting millions of youth.

It is a sickness that comes of a **loss of values**, of an **abandonment of moral absolutes**.

Teach Doctrine



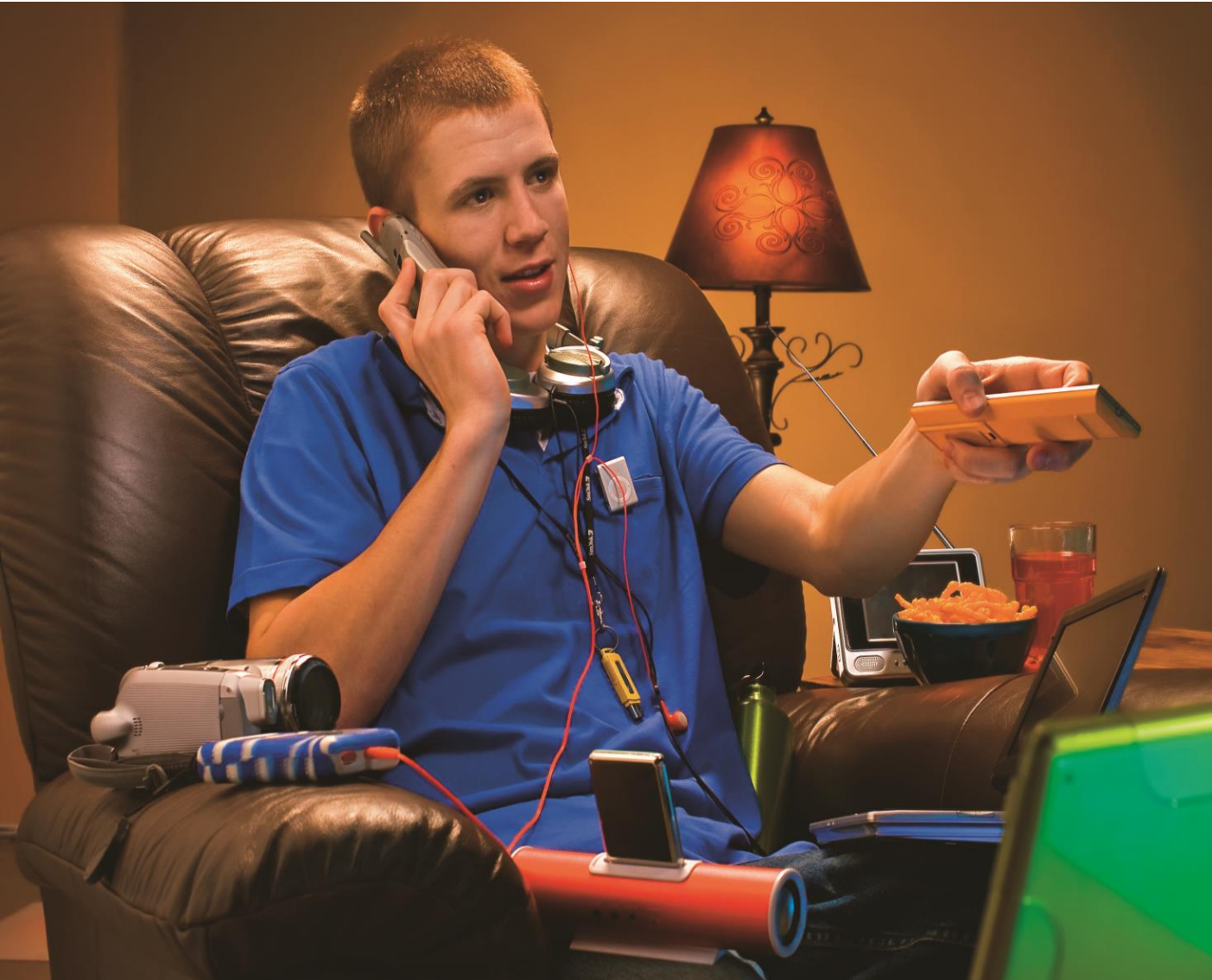
I have long believed that the **study of the doctrines** of the gospel will **improve behavior quicker** than talking about behavior will improve behavior.

The study of behavior is greatly improved when linked to standards and to values. Practical values, useful in everyday life, are found in the scriptures and the doctrines they reveal.

The "Internal Filter"



Non-Tech Ideas



Talk

Teach

What is OK?
What to do if exposed?

Observe

Behavior Changes
Deleting Browser History

Prepare Yourself

Know how you will react

Five Home Technology Safeguards

1. Carefully determine what technology you will keep in your home



2. Keep devices in public areas



3. Have a device curfew



4. Filter and limit device access



5. Regularly monitor and discuss device activity



Thank you