

SAFETY & PRIVACY

- Smartphones
- Tablets
- Desktops and Laptops

AMERICAN ADULTS

As of January 2014:

- 90% of American adults have a cell phone
- 58% of American adults have a smartphone
- 32% of American adults own an e-reader
- 42% of American adults own a tablet computer

<http://www.pewinternet.org/fact-sheets/mobile-technology-fact-sheet/>

KIDS in the U.S.

As of October 2013

- Among U.S. families with children age 8 and under, there has been a five-fold increase in ownership of tablet devices such as iPads
- The percent of U.S. children with access to some type of “smart” mobile device at home (e.g., smartphone, tablet) has jumped from half (52%) to three-quarters (75%) of all children in just two years.

<https://www.commonsensemedia.org/research/zero-to-eight-childrens-media-use-in-america-2013/>

TEENS in the U.S.

As of January 2014:

- 78% of teens have a cell phone and almost half (47%) of those own smartphones.
- One in four teens (23%) have a tablet computer.
- Nine in ten (93%) teens have a computer or have access to one at home.
- Seven in ten (71%) teens with home computer access say the laptop or desktop they use most often is one they share with other family members.

<http://www.pewinternet.org/fact-sheets/mobile-technology-fact-sheet/>

How can I protect my family when they are using these devices?

- Smartphones
- Tablets
- Desktops and Laptops

Ways to Protect My Family

- Built-in Controls and Settings
- Apps
- Software

SMARTPHONES

SMARTPHONES

Mobile technology has come a long way since...

1946

Bell System introduced the first commercial mobile telephone service, called the [Mobile Telephone System \(MTS\)](#). The original equipment was large, weighing 80 pounds (not quite what you'd call mobile) with limited calling bands available from AT&T.

The service wasn't cheap either—costing \$30 a month (roughly \$330 today) with additional per call charges. Not really intended for regular Joe Blows, these devices were used by utilities, truck fleet operators, and reporters.



WonderHowTo

SMARTPHONES

Mobile technology has come a long way since...

1973

With a prototype of the DynaTAC (DYNamic Adaptive Total Area Coverage) portable phone, former Motorola Vice President [Martin Cooper](#) made the first private, practical mobile phone call in a non-vehicle setting. Who'd he call? His rival at Bell Labs, [Joel S. Engel](#).



WonderHowTo

SMARTPHONES

Apple 42%

Samsung 28%

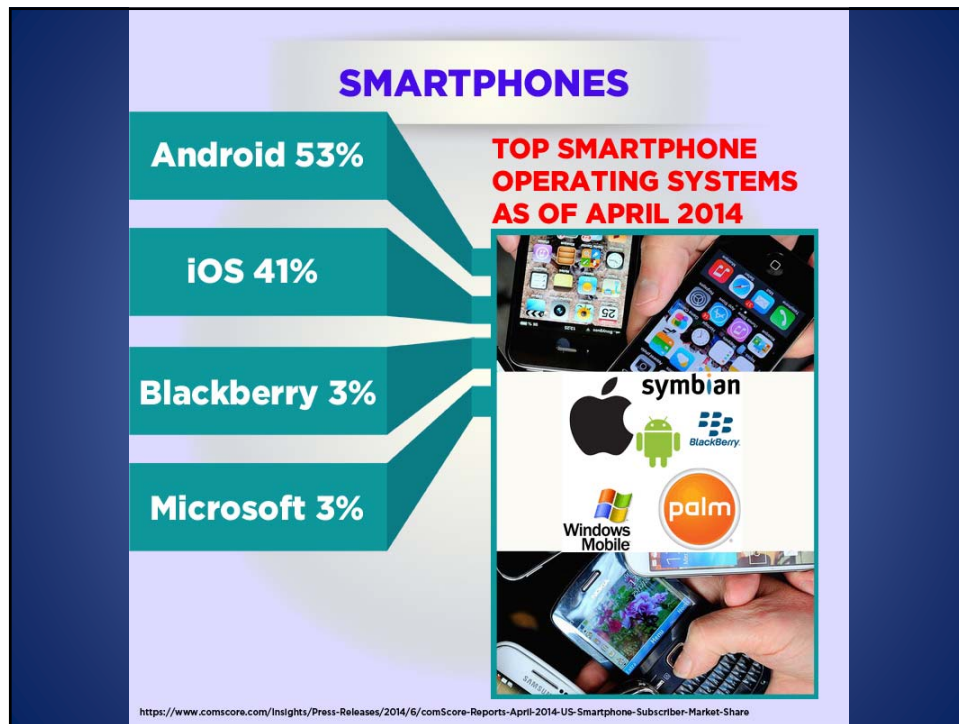
LG 7%

Motorola 6%

**TOP SMARTPHONES
AS OF APRIL 2014**



<https://www.comscore.com/Insights/Press-Releases/2014/6/comScore-Reports-April-2014-US-Smartphone-Subscriber-Market-Share>



iPhone SAFETY & PRIVACY



Sam and Little Buster



iPhone SAFETY & PRIVACY

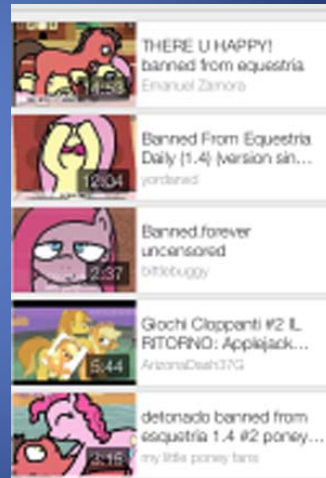
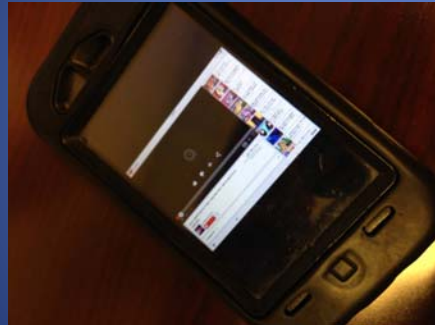


It's All Fun and Games...



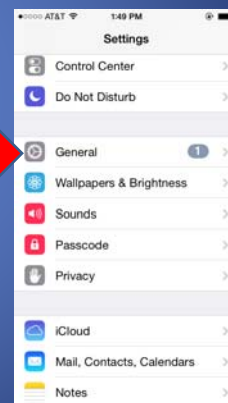
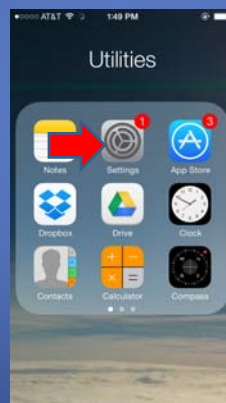
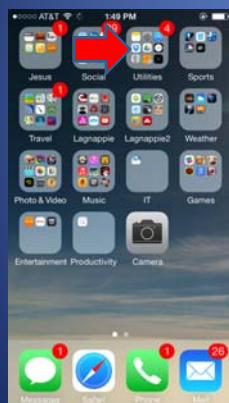
iPhone SAFETY & PRIVACY

Then This Happens...



iPhone SAFETY & PRIVACY

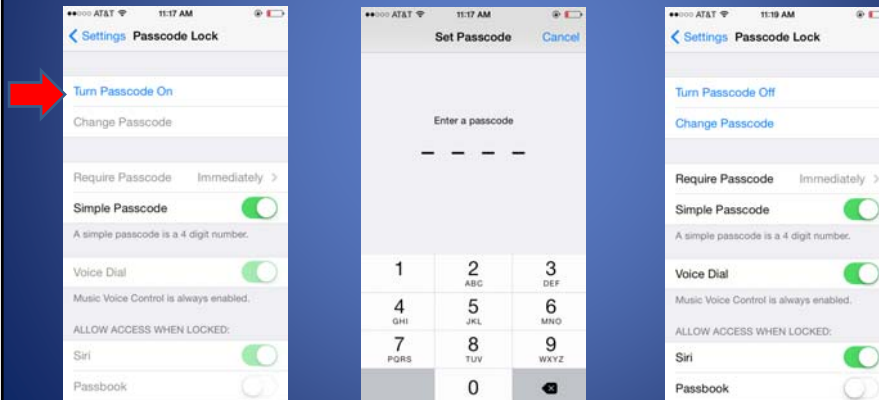
Built-in Controls & Settings:
Passcode



iPhone SAFETY & PRIVACY



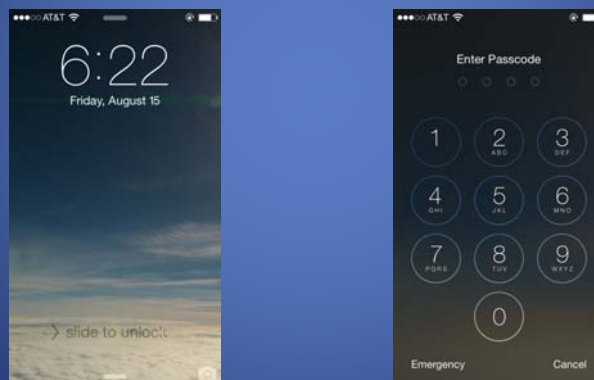
Built-in Controls & Settings: Passcode



iPhone SAFETY & PRIVACY

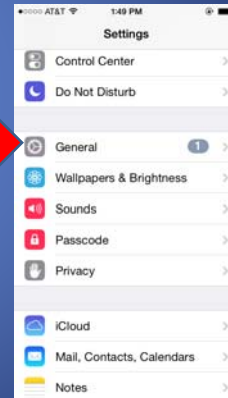
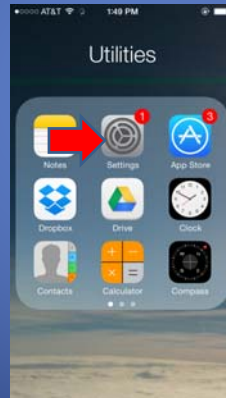


Built-in Controls & Settings: Passcode



iPhone SAFETY & PRIVACY

Built-in Controls & Settings: Restrictions



iPhone SAFETY & PRIVACY

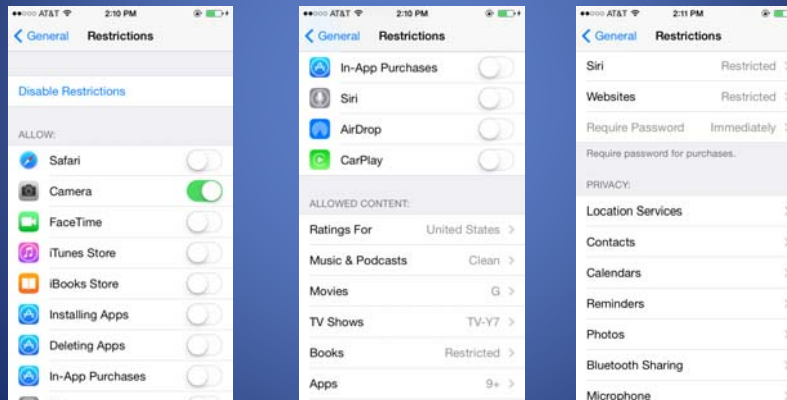
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iPhone SAFETY & PRIVACY



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iPhone SAFETY & PRIVACY



Built-in Controls & Settings: Restrictions



iPhone SAFETY & PRIVACY



Apps – Surfing the Web



“Safe Search” or other filtered modes of web browsing in stock browsers will often allow content that falls outside of our faith and family values

iPhone SAFETY & PRIVACY



Apps – Browser for Kids \$0.99

The screenshot shows the iTunes Preview page for the 'Browser for Kids' app. The page includes the following information:

- App Name:** Browser for Kids – Parental control safe browser with internet website filter
- Developer:** By Purple Soc. Coop.
- Description:**
 - *** Finalist at SMAU Mob App Awards 2012 ***
 - Some web contents cannot be safe especially for children or teens.
 - Purple Soc. Coop. Web Site: [Browser for Kids – Parental control safe browser with internet website filter Support](#)
- What's New in Version 4.2:**
 - Added support for 4" iPhone display
 - Removed the "credits" button in the toolbar of bookmarks
 - Added a welcome screen
- Price:** \$0.99
- Compatibility:** This app is designed for both iPhone and iPad.

SMARTPHONES

TWO OF THE MOST POPULAR SMARTPHONES

Samsung Galaxy

Models:
S5 S4 SIII SII
NOTE

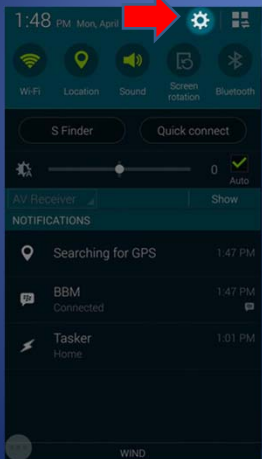
OS:
Android

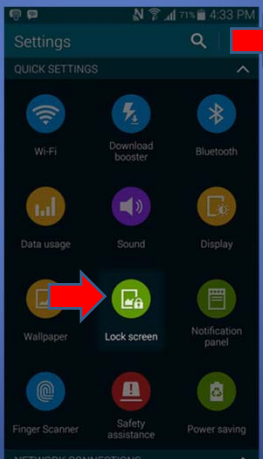



Galaxy SAFETY & PRIVACY

Built-in Controls & Settings:

Passcode







Galaxy SAFETY & PRIVACY



Built-in Controls & Settings:
Passcode

- **Swipe** - a quick left-to-right gesture
- **Pattern** - you draw a pattern on a 9-point grid which must be recreated to unlock
- **Fingerprint** - which uses the fingerprint-scanning home button at the bottom of the device
- **PIN Number**
- **Text Password**

Galaxy SAFETY & PRIVACY



Built-in Controls & Settings:
Restrictions

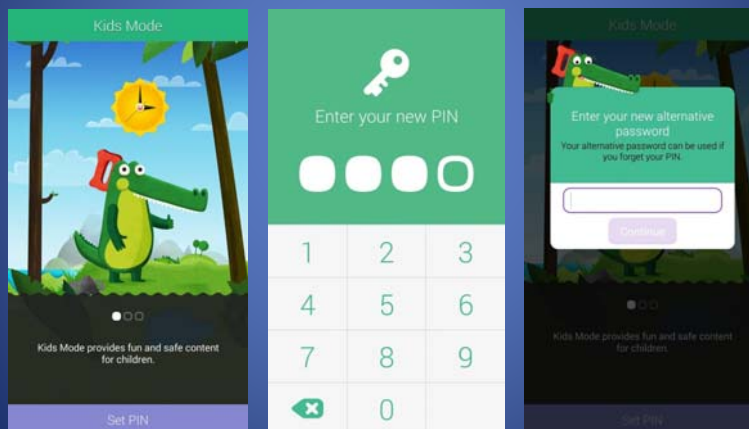
KIDS MODE

Limits the functions and apps kids
can access on your Galaxy S5

Galaxy SAFETY & PRIVACY



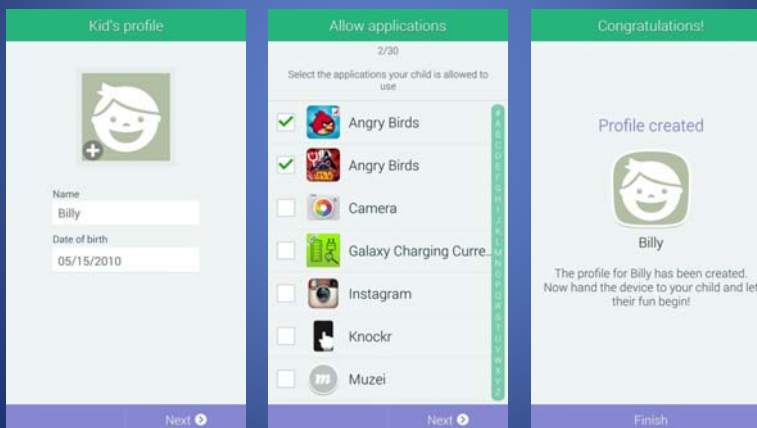
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Galaxy SAFETY & PRIVACY



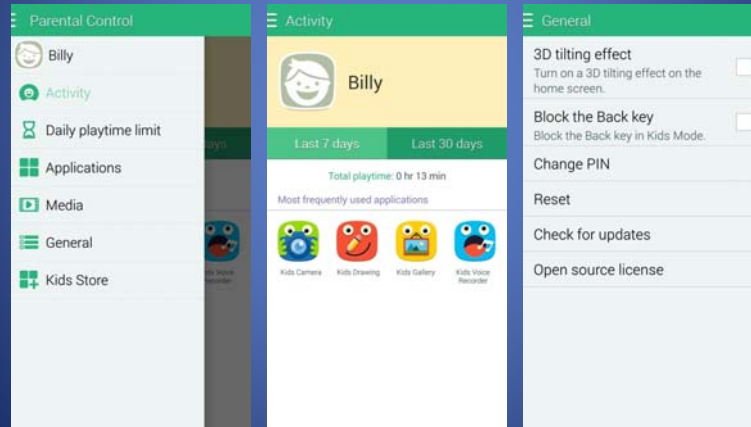
Built-in Controls & Settings: Restrictions



Galaxy SAFETY & PRIVACY



Built-in Controls & Settings: Restrictions



TABLETS



TABLETS

TWO OF THE MOST POPULAR TABLETS

Apple
iPad

Models:
iPad, 2, Mini, Air

OS:
iOS

A photograph of two Apple iPads standing side-by-side. The iPad on the left is black and the one on the right is white. Both screens are on, displaying the iOS home screen with various app icons like Calendar, Photos, Camera, and App Store.

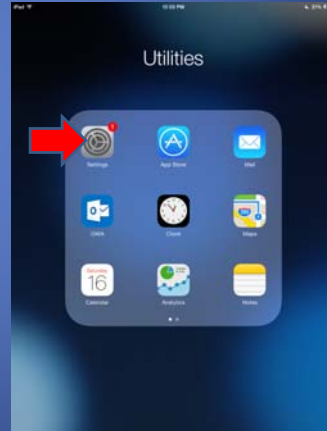
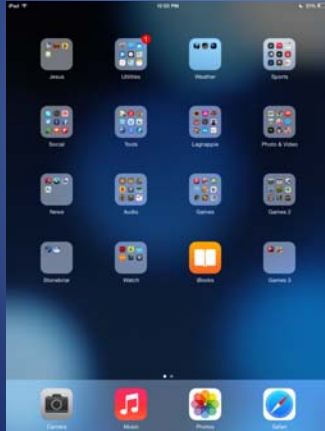
iPad SAFETY & PRIVACY

Sam and Buster



iPad SAFETY & PRIVACY

Built-in Controls & Settings:
Passcode



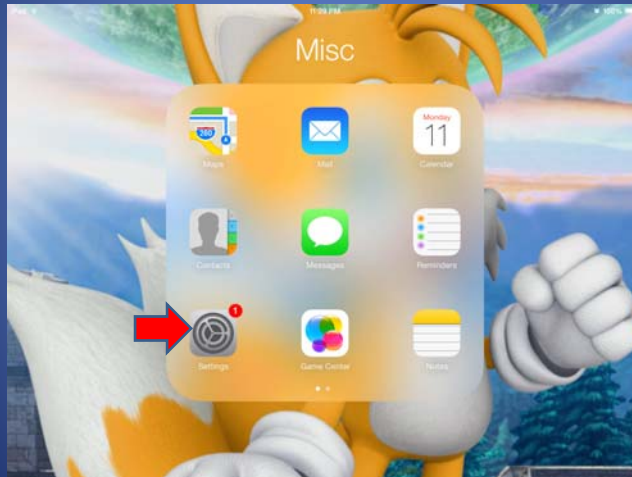
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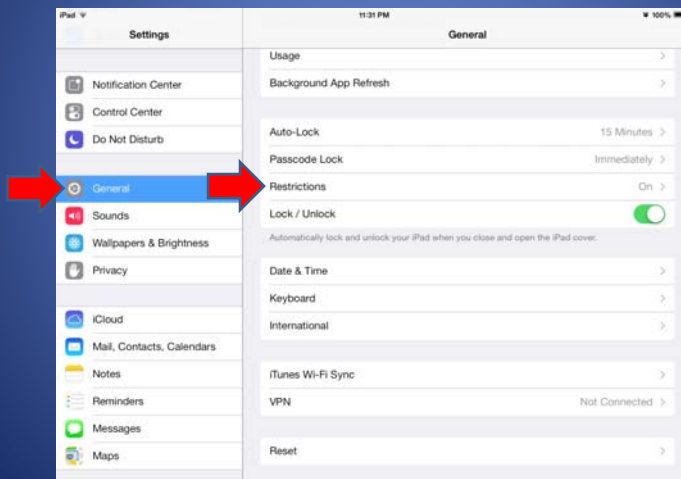
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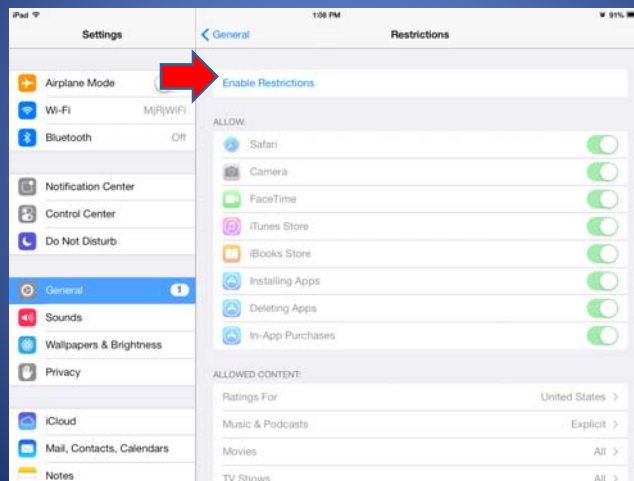
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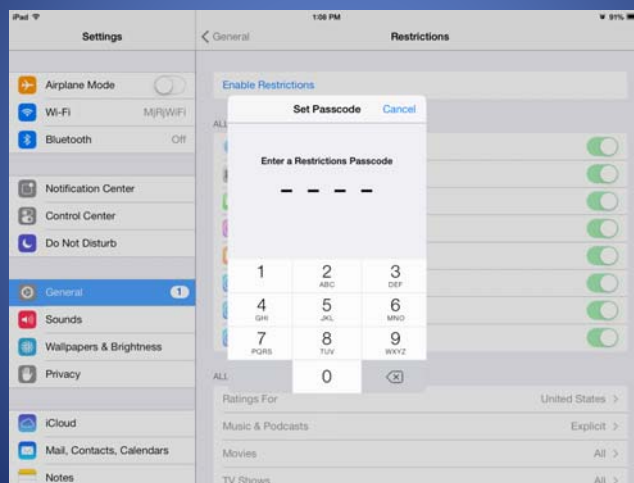
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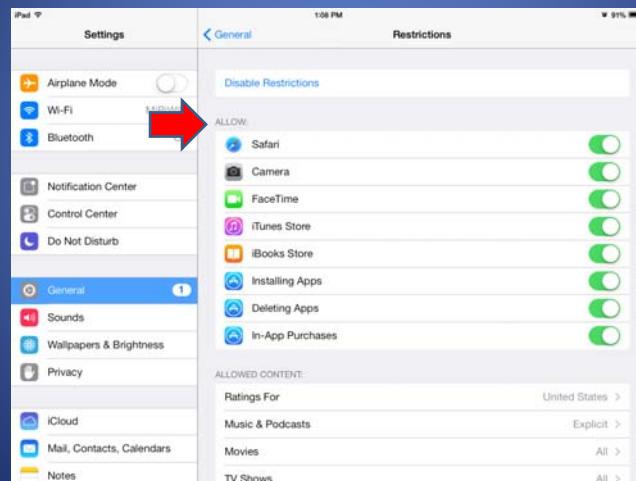
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Built-in Controls & Settings: Restrictions



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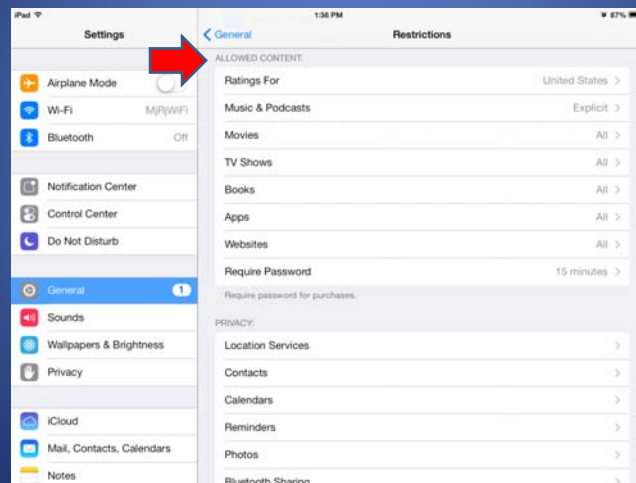
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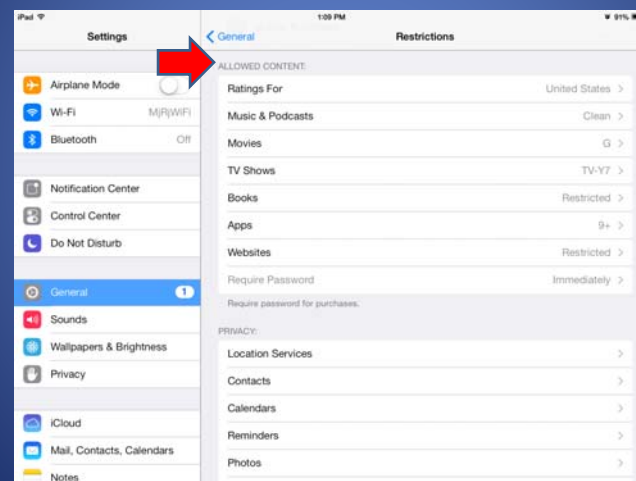
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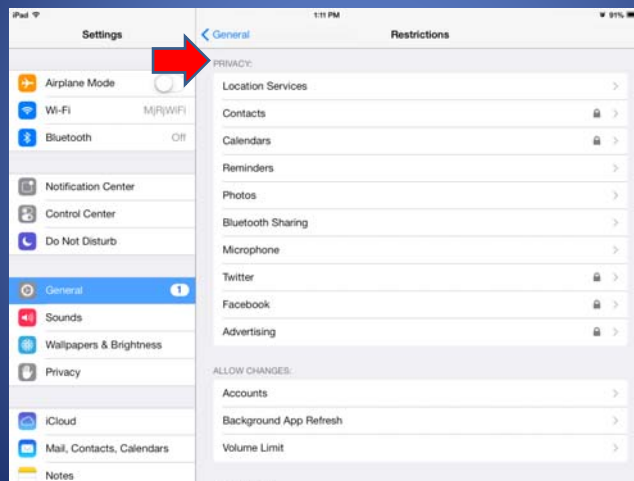
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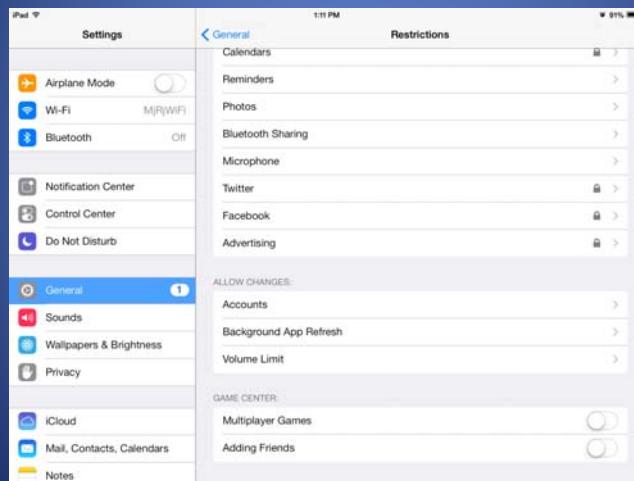
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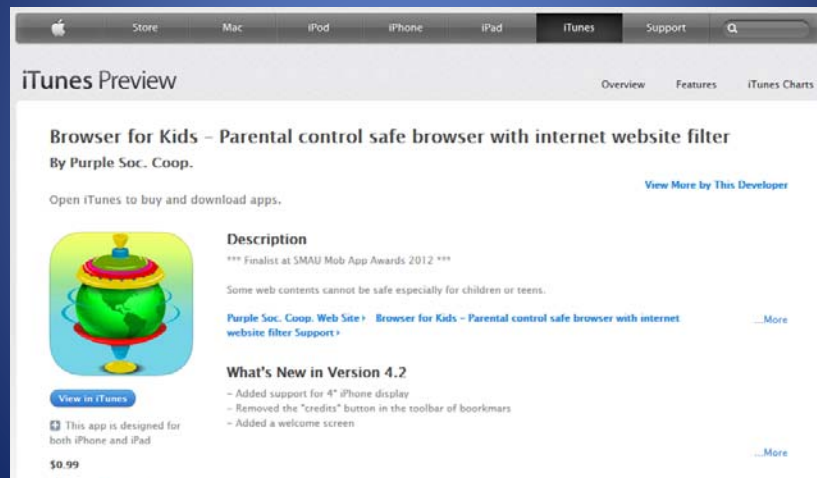
Apps – Surfing the Web



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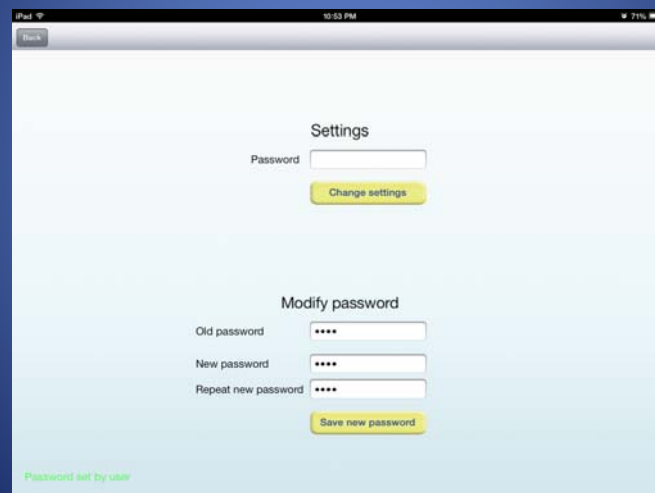
iPad SAFETY & PRIVACY

Apps – Browser for Kids \$0.99



iPad SAFETY & PRIVACY

Apps – Browser for Kids \$0.99



iPad SAFETY & PRIVACY

Apps – Browser for Kids \$0.99



Allowed sites:

Quick edit - Pick site from browser

Name: Pitara Kids Net... Url: http://www.pitara.com Domain: .pitara.

Quick edit - Pick site from browser

Name: Aplus Math Url: http://www.aplusmath.com Domain: .aplusmath.

Quick edit - Pick site from browser

Name: Enchanted Lea... Url: http://www.enchantedlearning.com Domain: .enchantedlearning.

Enable navigation time limit ☒ ON

Allow navigation for at most 3 hours in a day

Cancel Save changes

TABLETS

TWO OF THE MOST POPULAR TABLETS

**Samsung
Galaxy Tab**

**Models:
Tab, 2, 3, 4, Pro,
S**

**OS:
Android**



Tab SAFETY & PRIVACY

Built-in Controls & Settings:

- Passcode and Kid Mode Restrictions like the Galaxy S5 Smartphone
- Kid Models - Samsung Galaxy Tab Kids



SAFETY & PRIVACY

Apps – Beware Back Doors



SAFETY & PRIVACY

Apps – Beware Back Doors



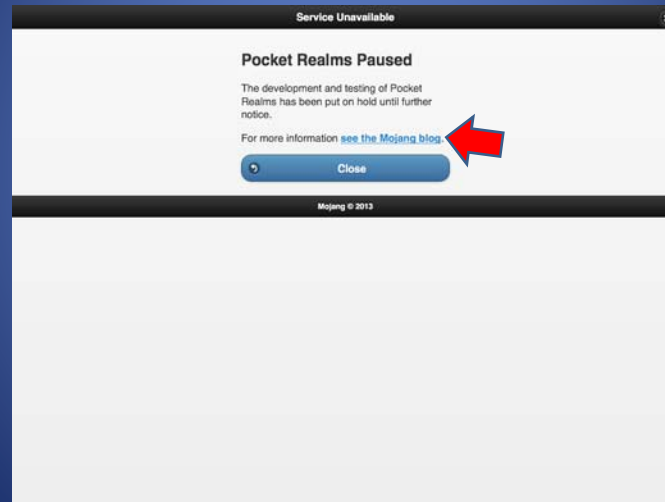
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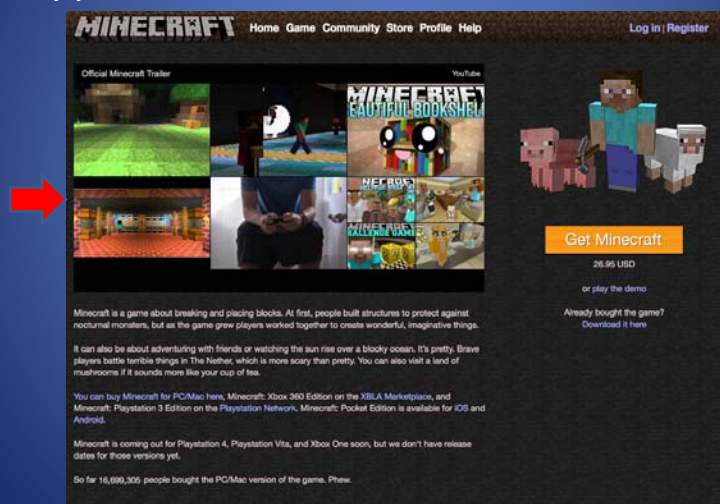
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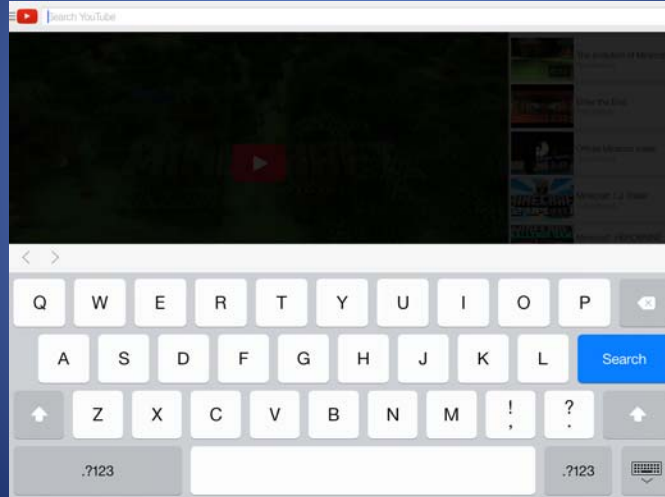
SAFETY & PRIVACY

Apps – Beware Back Doors



SAFETY & PRIVACY

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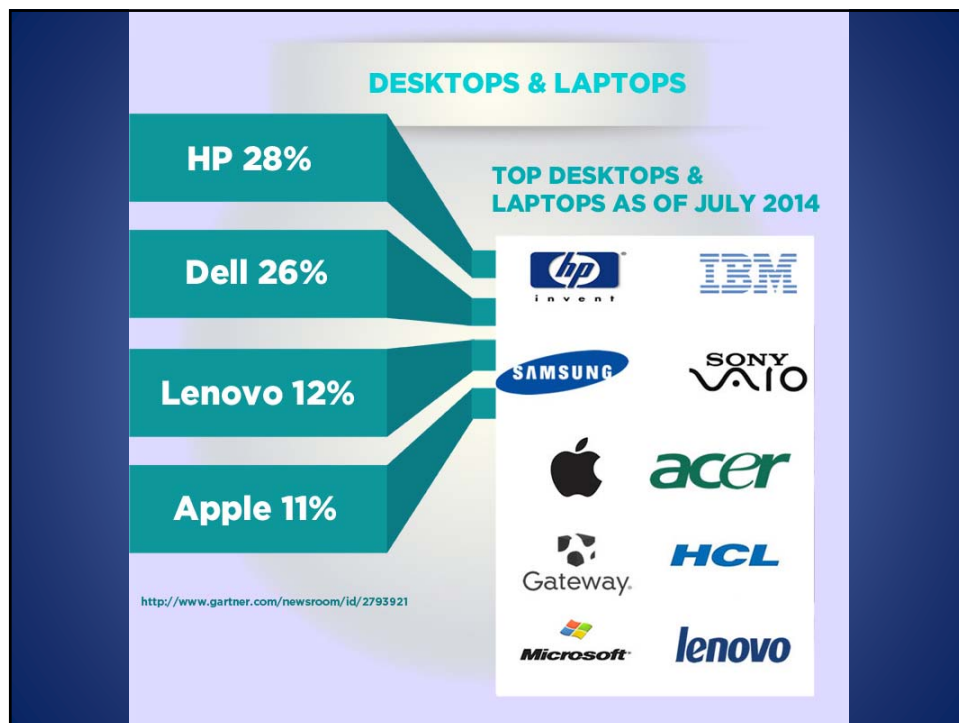
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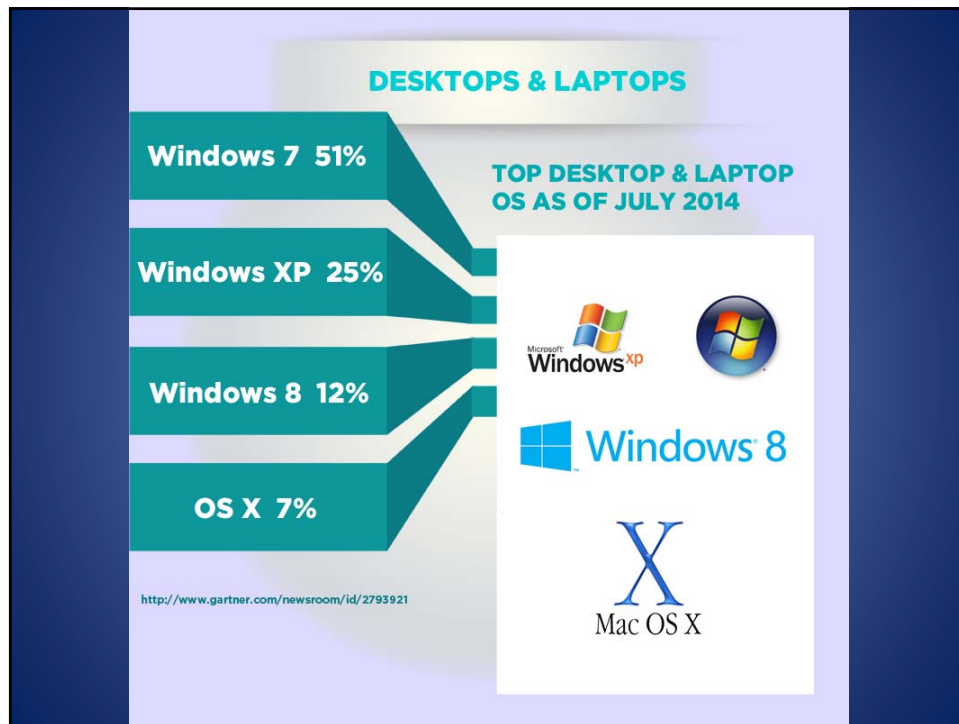


Other Apps:

- The Lego Movie
- Noah's Animal Parade
- Apple Avengers

Desktops and Laptops





SAFETY & PRIVACY

Windows and Mac OSX

- User Profiles
- Microsoft Family Safety Filter (Windows Vista, 7 & XP)
- Mac OSX Parental Controls
- Internet Filtering Services:
 - Bluecoat K9 Web Browser (Free)
 - NetNanny (starting at \$39.99 yr.)
 - Covenant Eyes (starting at \$13.99 month)

Links

iPhone

<http://www.iphoneforums.net/>

Galaxy Smartphone

<http://forums.androidcentral.com/samsung-galaxy-s5/>

iPad

<http://www.ipadforums.net/>

Galaxy Tab

<http://www.thegalaxytabforum.com/>

Browser for Kids – Parental Control Safe Browser

<https://itunes.apple.com/us/app/browser-for-kids-parental/id497702327>

Links

Bluecoat K9 Web Browser for Windows, iOS, OSX and Android

<http://www1.k9webprotection.com/>

Covenant Eyes

<http://www.covenanteyes.com/family/>

Net Nanny

<http://www.netnanny.com>

Windows Family Safety Setup

<http://windows.microsoft.com/en-us/windows/set-up-family-safety>

Internet Safety Project

<http://www.internetsafetyproject.org>

Links

Sam's Blog – Learn From Sam

<http://www.learnfromsam.com/category/tech/cyber-safety/>

Tablets For Kids

<http://www.tabletsforkidsguide.com>

Common Sense Media

<http://www.commonsensemedia.org/>

Plugged In

<http://www.pluggedin.com/>

Links

Other Related Apps

Mobile Kids

<https://www.mobilekids.net>

Family Tracker

<http://www.logsat.com/iPhone/familytracker/>

F-Secure

<https://itunes.apple.com/app/id529104258>

Sex Offender Search

<https://itunes.apple.com/us/app/sex-offender-search/id394721194>