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Introduction

With over 300,000 apps from which to choose, how does one find useful, well-designed, really great apps with which to learn and to teach?

This is a question many have asked. Since it is almost impossible to review and use each of the apps offered in the iTunes store, one must network, share, collaborate and spend time reviewing the apps for appropriateness, usefulness, ease of use and accurate content for different age groups. Children as young as two years old, as well as adults, use the iPad. Adults can enjoy apps developed for young children. Children can learn from apps usually reserved for adults—the educational value becoming “upside down”.

Even though many of the apps described in this book are also available for the iPhone® and the iPod touch®, the larger screen and louder volume of the iPad® makes it the preferred device. The iPad is capable of playing all of the apps designed for the iPhone at double the size. The long-lasting battery (approximately 10 hours!) is welcome for full day use in education, work and travel.

This lightweight device is an excellent tool for collaboration. Groups can gather to watch or interact with an iPad. Entering data on one of the many word processing documents can be accomplished with the onboard keypad or by pairing an external keyboard with the iPad.

More and more apps are being released for iPad only and it adapts well to many situations and in many subjects from Art to Woodworking. It is an excellent reference and news resource. Most all of the major newspapers, magazines and television news outlets have apps—many of them free.

The apps available on the iPad are somewhat different from programs that are available for the desktop or laptop computer, even though many familiar developers have created iPad apps similar to the desktop variety. Apps have been developed that will read files created on the desktop such as .doc/.docx, .ppt/.pptx, .xls/.xlsx, .pdf, .pages, .numbers, .key and many others.
The Apps

The over 300,000 apps for the iPad transform a fantastic mobile device into a miraculous machine. Many of the apps that can be found in the iTunes store are free. The free apps usually include ads. Some of the ads are clickable, and when clicked, go to the iTunes store. To prevent in-app purchases, Restrictions can be set in the Settings app. (Settings -> General -> Restrictions -> Enable -> Allowed Content -> toggle On)

Many of the apps can be purchased and are reasonably priced—costing $0.99 or $1.99. That is much less expensive than computer software.

More of the apps are written as universal apps, meaning that this “combo” app is bundled in one download with a small-screen version for the iPhone and a larger-screen version for the iPad and for the one price. The universal apps can be identified by the small plus sign appearing to the left of the app’s price in the search results.

Apps designed for the iPhone can be installed on an iPad. When launched, the app appears in a small screen; however, when the small 2x in the lower right corner is tapped, the screen doubles in size.
**Update-Upgrade:**

Most publishers **update** their apps frequently. Updates are normally free of charge. Check the App Store icon on the home screen of the iPad. Notifications will be on that icon when updates are available. Click on the App Store icon to go the iTunes store and select to Update All Apps.

Updates are different from upgrades. An **upgrade** is an option to pay for the full version of an app—upgrade from the free “trial” or “lite” version to the full version. Most of the apps described in this book refer to the free version. The full version price is noted, if applicable. The prices stated in this book are the prices in the iTunes store when the book was published.

Thousands of excellent apps are available for free and for purchase. The only apps included in this book were the apps for which permission was received to use images, screenshots and verbiage from the publisher. Many terrific apps are not included because of lack of time, space or permission.

Perhaps there will be a version 2 with more great apps!
2Screens Presentation Expert


Publisher: Edwin Lam – http://web.me.com/twoscreens/pe/about.html

Device: iPad

Price: $1.99 (2Screens LE), $5.49

The 2Screens Presentation Expert app on an iPad connected with a video out cable projects a variety of popular files (HTML, PDF, TXT, Microsoft Office®, Apple iWork®, many image file types and AV files such as HTML5 video, MP3, MOV and M4V) and local files through a data projector/TV in 1024x768 resolution. Thumbnails of slides can be created “on the fly”, helpful for the presenter showing a multi-slide presentation. Tradition gestures on the iPad (swipe, tap) as well as a tool bar and slide navigator are used for navigation. Enter notes during the presentation that are not visible on the screen. Whiteboard capabilities for marking on the screen include erase, undo/redo, pen colour, size/opacity and saving screenshots. Animations and transition effects in PowerPoint® and Keynote® are not supported. Transfer files via USB and wi-fi between the iPad and computer. Download web documents to local folders.

2Screens Remote


Publisher: Edwin Lam – http://web.me.com/twoscreens/remote/about.html

Device: iPad, iPhone

Price: $2.99

The 2screens Remote app on the iPhone becomes a remote control for the iPad 2Screens Presentation app. When the iPad is tethered to the computer with a video cable, the presenter can move around the room. The remote allows for controlling the navigation of the slides, becomes a laser pointer and enables/disables the display on the screen.

The remote connects via Bluetooth and only works with 2Screens apps. A speaker timer is included to help the presenter keep track of time during the presentation. It is a universal app allowing the iPad to work as a remote control device. Watch the YouTube video (http://www.youtube.com/watch?v=YER9EvFG2Uw) to see how the 2screens Presentation Expert and the 2screen Remote work together.
Device: iPad, iPhone
Price: Free

Interact with twenty-nine structures of the brain to learn the associated functions, disorders, brain damage, case studies and links to contemporary research. Rotate the brain by swiping horizontally or vertically. Zoom in/out by pinching; pan by swiping with two fingers on the screen.

Tap on the Structure icon (upper right of screen) to select a structure to examine. Tap and toggle the Text icon to read/close information about the structure. Tap on the Label icon to view the names of the individual substructures of the selected structure. Tap Search to search all descriptions.