

**A GUIDE FOR THE IPAD AS A
COMMUNICATION/LEARNING/EDUCATIVE/PLANNING/ INTERACTIVE TOOL**



KEY CONSIDERATIONS – USER

This resource has been compiled to provide Endeavour personnel supporting a person to utilise their own iPad or an Endeavour iPad located within some services. The information is general and widely available on the web.

HOW WILL THE SUPPORT PERSON KNOW HOW TO BEST DELIVER A MESSAGE TO A PERSON WHO HAS NOT USED AN IPAD BEFORE?

The Support person can work with the person wanting to use an iPad discussing their areas of interest & need. Support the person to use some basic functions, reviewing what they can do / currently do & interact with and what interests them. Consider what makes sense to the person. For Example: pictures/Boardmaker/communication from the persons past, extent of the person's vocabulary.

Consideration needs to be given to sharing devices if the device is going to be used primarily as a communication tool. The device can not be shared between a number of people because as a person becomes familiar with using the device as their preferred form of communication, it would not be available if being used by another.

USEFULNESS OF THE IPAD AS A SHARED DEVICE

If the iPad is a shared device, the support person could explore the iPad as a potential communication device with a number of individuals – find out who is interested & what they respond to.

Investigate iPads for use in programs at the service. Movies, Pictures, music programs, Games, Navigation, orientation to the local area, journey planning, weather program.

Multiple iPads can be utilised to link people within a group setting.

The number of iPads required at a service to enable the most benefit to the users and allow for flexibility of program is best determined by the users.

HOW TO CREATE ACCESS FOR ALL USERS?



GENERAL ACCESSIBILITY SOLUTIONS

External devices / switches / keyboards

If user can't access Apps through the touch screen, they may need a 'switch'. Ability switches are designed for people with physical disabilities, offering them an alternative means to interact with computers and iPads amongst other devices. Person who can't use their hand and prefers use of a Stylus may require a head pointer or pointing stick.

A switch interface is required to be able to connect the switches to a computer. Blue tooth connects switches devices to the iPad. (Pair device in Settings)

For those who require them, physical keyboards are an option. iPad supports the Apple Wireless Keyboard and most other Bluetooth wireless keyboards that use the Apple keyboard layout. Other Bluetooth keyboards may work too, although some unique or specialized keys may not be supported or work as expected.

You can find a variety of hardware and software products (sold separately) that adapt iPad touch for special needs. Look for the "Made for iPad" logos to identify compatible products.

For information and sales for switches, wireless keyboards, other access hardware:

Lifetec for product info & trials of assistive devices & Speech Pathology and occupational therapy services <http://www.lifetec.org.au/home/default.asp>

Spectronics for trials of assistive devices
<http://www.spectronicsinoz.com/catalogue/ipad-accessories>.

Speech Pathologist Australia for a list of their members
http://www.speechpathologyaustralia.org.au/index.php?option=com_content&view=article&id=616&Itemid=77

VISION

iPad includes a screen reader along with other innovative accessibility features that make it easier to use for those who are blind or have impaired vision.

Getting started

VoiceOver is built into iPad so there's nothing extra to purchase or install. All you need is the latest version of iTunes and a Mac or PC. You can activate your iPad and enable VoiceOver without sighted assistance, using Setup Assistant. Sighted users can also enable VoiceOver directly on iPad using the Accessibility menu in Settings.

How it works

With VoiceOver enabled, you'll use a different but simple set of gestures to control iPad. For example, instead of tapping to activate a button, tap the button to hear a description of it, double-tap to activate it, and swipe up or down to adjust a slider.

Applications

VoiceOver works with all of the built-in applications that come on iPad, including Safari, Mail, App Store, iTunes, Music, Calendar and Notes.

HEARING

iPad delivers a variety of innovative features that make it easier to use for those who are deaf or hard of hearing.

FaceTime

iPad 2 features FaceTime video calling via Wi-Fi. Thanks to its high-quality video and fast frame rate, FaceTime is ideal for those who communicate using sign language or by lip reading. You can clearly see hand and finger gestures in detail, as well as facial expressions.

Closed Captioning



iPad supports the playback of open captions, closed captions and subtitling. Captions appear onscreen, just like the closed captions you see on TV.

Headphone Jack

In addition to speakers, iPad includes a standard 3.5-mm audio headphone jack. You can plug in earphones, earbuds, noise-cancelling headphones and amplified speaker systems.



Bluetooth Audio

iPad supports Bluetooth 2.1 + EDR (Extended Data Rate) technology and works with Bluetooth wireless headsets and other compatible audio devices.

Visual Alerts

Apps such as Mail and the App Store also display visual badges indicating the number of unread messages and updates available. And important status information such as network connectivity, time of day and battery level are communicated visually on the screen at all times

PHYSICAL AND MOTOR SKILLS

iPad includes a variety of innovative features that make it more accessible to users with impaired physical or motor skills.

Large Multi-Touch Display

iPad features a large, high-precision, touch-sensitive display that requires no physical force, just simple contact with its surface. You can also use the built-in Zoom function to magnify the entire screen, so it's easier to touch smaller items on the screen such as links, buttons and images

For more information on Accessibility visit the Apple site
<http://www.apple.com/au/accessibility/resources/iphone.html>

STAFF IPAD TRAINING

All training access will be through the iPad & support staff will be expected to access the Apple on-line learning for information such as, managing downloads, and access to iTunes. Limited professional support from Endeavour (helpdesk) is available. Private training is available through providers who are certified with Apple, such as Spectronics, Lifetec & other training organisations, (this costs and approval will need to be sought to arrange).

Not synching to a computer will minimize the amount of staff knowledge, time & skills required to deal with technical difficulties and issues associated with synching through a computer. iPads within Endeavour services are provided for Service users to trial and utilise the iPads on the go, introducing new technology and improving accessibility to web based resources. iPads have been particularly successful, utilised as a communication device.

Useful information to provide to people using the iPad includes iPad user guide
http://manuals.info.apple.com/en_US/ipad_user_guide.pdf

<http://support.apple.com/videos/>

<http://www.apple.com/au/support/contact/>

HOW DO YOU GET INTERNET ACCESS IF SERVICE/HOME DOESN'T HAVE WIFI?

All iPad models come with built-in Wi-Fi. If the service doesn't have wireless & you want to access the internet there are a number of community locations that offer free Wi-Fi, such as McDonalds, councils, library's and other public spaces. Alternatively a person can choose a model that supports cellular data and sign up for data service with a carrier. A data SIM card is required, the cost being variable depending on usage (approx \$30 per month will get 1 GB access).

All access/downloading is to be done through the iPad – not through the service computer.

For services without wireless, downloading in local community Wi-Fi hotspots will increase the amount of downloads and reduces the amount of SIM card data used. Downloading through 3G access is limited & restricts the user. Some Apps will only download using Wi-Fi as they are too large for 3G network downloads.

IN A SHARED ENVIRONMENT, HOW TO PREVENT MISUSE OF INTERNET

The nominated staff person (service coordinator) will have the Password to enable the Settings function on the iPad and access to Wi-Fi if it is available on the Endeavour site. This allows different functions to be enabled and restrictions set for access to internet/YouTube/Camera/FaceTime/iTunes/Ping/Installing & Deleting Apps/Ratings for Movies& Podcasts/Movies/TV Shows/Apps.

The management of the level of filtering required maintaining both duty of care & legal responsibilities will need to be monitored and explored by the Endeavour IT department with Disability Operational services. Service Coordinators are currently responsible as the site manager.

HOW TO MINIMISE RISK OF PHYSICAL DAMAGE TO THE IPAD

Where Shared devices are required, they are to be issued with hard/sturdy/durable casing. The individual user will determine if they use the device on a flat surface, or by using the allocated case stand. Cases made from hard foam with handles are also available to suit individual users.

For more info visit LifeTec <http://www.lifetec.org.au/home/content.asp?pageid=206>

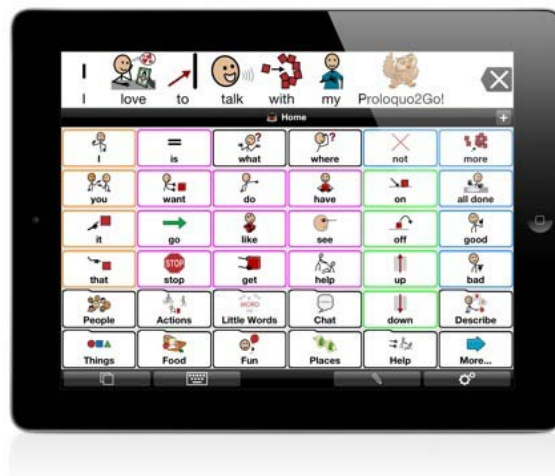
or Spectronics <http://www.spectronicsinoz.com/catalogue/ipad-accessories>.

Apple care instructions need to be read & understood by the users, to minimize risks harm (e.g. Sun Exposure - effect of sun damage to the device).

IPAD RESOURCES - LIST OF RECOMMENDED APPS

Communication apps are either a set lot of sequence responses, or multi-sequence for varied responses. People can use the option of a Speech Pathologist to make recommendations on Communication Apps and provide specific detailed information & training for the person & their family with support staff. This is at the cost of individual service users.

Below is a list of iPad apps that may be of interest for people with a disability
All available by searching the iTunes store with iPad



COMMUNICATION:

- Proloquo2Go
- Talk4me
- Auslan Tutor (RIDBC key signs)
- Baby Sign
- Verbally
- Dragon dictation

LEARNING/LIFESKILLS:

- See Touch Learn
- Groceries (photo grocery list)
- Simon Says • Together
- Clean Up • Sounds
- ABA Emotions
- Touch Emotions
- Put It Away

- FCS Lite

- VISUAL SUPPORTS
- Choiceworks
- Choice Creator
- Answers: Yes/No
- Storykit
- PictureCard Maker

LITERACY/NUMERACY:

- Word Wizard
- Sentence Builder
- Question Assembly
- Coin Counter
- Flash English
- Reading Remedies
- PCS flash cards
- Uno Free

ENTERTAINMENT/CAUSE & EFFECT/MUSIC:

- Pocket Pond
- Random
- Little Gems
- Fluidity
- Talking Tom
- Bubbles
- Piano Free
- Bloom HD
- Falling Stars
- Zoola Lite
- Cute Pets

MISCELLANEOUS:

- Puppet Pals
- The Fantastic Flying Books of Mr Morris
- My Colorful Life
- Autism Apps: category/listing of useful apps
- AutoBio.us (Person Centred Planning/IP)

APPS RECOMMENDED BY OTHER ORGANISATIONS – links to their sites

- [Apps recommended by Autism Spectrum Directory](#)
- [Music Connections Workshop](#)
- [Down Syndrome Association of QLD Inc. 1st Edition](#)
- [Down Syndrome Association of QLD Inc. 2nd Edition](#)
- [Department of Education and Early Childhood Development](#)