



# Ready, Set, Go!

Begin your *apprenticeship*

An app (short for application) is a program which can be downloaded onto your iPad via the iTunes store - located on your computer or iPad - either by syncing or with wireless networks. There are also web apps which can be accessed through Safari, the web browser on your iPad. Explore the apps applications available on the iPad.

1. Start with the apps that come bundled with iPad.
2. Then branch out and take the DEECD selected apps for a test drive (purchased with the gift cards).
3. Browse the app store through iTunes on your Mac or PC (or directly on the iPad) and download some apps that match your interests: perhaps you're a keen artist or photographer and want to use the iPad to digitally create, manipulate or enhance your images, or perhaps you'd like to learn a musical instrument, there are dozens of apps to help.

Dive right in and see what's possible - with over 200 000 apps there will be many apps to help you and your students think, learn and create.

Bundled apps	What can you use it for?
 <b>Safari</b>	Safari is the iPad's web browser. It allows you to view complete web pages as they would appear on a standard computer. You can zoom into text or images easily for a closer look. You can have multiple pages and/or sites open at once using "tabbed" browsing. Text and images can be copied for use in other apps.
 <b>Mail</b>	Mail is an email app that allows you to access and manage all of your email. It will allow you to manage multiple email accounts e.g. you can sync your EduMail account to it, and also attach a Gmail or Yahoo account. Mail works closely with the Contacts and Calendar apps to make sure you are always organised.
 <b>Photos</b>	The Photos app organises all of the images on your iPad. You can create impressive looking slideshows from directly within the app. When an image is selected you can email it to someone, set it as wallpaper for your iPad, or 'copy' it for use in another app.
 <b>iPod</b>	The iPad is also a fully featured digital media player. The iPod app allows you to play your music, download and listen to podcasts and audiobooks.
 <b>Maps</b>	Maps draws on Google Maps to provide digital maps and satellite images of almost anywhere. Great for Humanities projects, or just taking a look at what your home looks like from space!
 <b>Notes</b>	Simple word processing and note-taking can be done using the Notes app and the onscreen keyboard. Notes can be synced via iTunes to your computer, or emailed to yourself for further polishing in a word processor such as MS Word, or Apple Pages (Pages is also available as an iPad app allowing a fully featured word processor on the iPad).
 <b>Calendar</b>	The Calendar app has the look and feel of a traditional desktop calendar, with the added bonus of being able to view day, week or month to a page. Entries made on the calendar can be set to automatically sync to an email account (such as your EduMail account).
 <b>YouTube</b>	The YouTube app brings to the iPad all of the rich learning resources that have been shared on YouTube. Need to learn how to use Photoshop - YouTube it! Want to bake the perfect soufflé - check out a step-by-step video on YouTube! <i>YouTube may not be available in your school.</i>

# DEECD selected apps

A range of apps have been selected to get you started...

On the following pages you will find a selection of apps designed to get students connecting, communicating and creating. The DEECD selected apps build on the functionality of the iPad by providing a variety of tools for students and teachers to access to enhance their learning.

As part of the iPad for Learning trial, these DEECD selected apps will be explored to determine their teaching and learning potential. In addition, the trial will investigate their accessibility in a range of learning environments.

The apps are arranged into broad categories to provide a starting point for thinking about how they might be used by students, however many of the apps have multiple uses across a number of VELS domains.

Categories in the app selection:

- Personal/Organisational
- Collaborative/Visualising Thinking
- Creativity/Multimedia
- Arts
- Mathematics
- English
- Science
- Humanities
- News.

You will find further information on how to load and manage these (and any other appropriate apps) via iTunes in the *iPad Quick Start Guide*.

## Notes

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# DEECD selected apps

## Personal/ Organisational apps

### What can you use it for?



#### **Bento**

Bento is a personal database app. It allows you to organise all sorts of things: manage a project; track assignments; plan events; create a database of your students to make assessment time easier.



#### **Todo for iPad**

Todo is your personal planner, task manager and to-do list. Tasks can be synced with iCal or Outlook. This would make a great app for teachers to use as their work program or for students to use to keep track of projects and milestones.



#### **Good Reader**

Good Reader is a file transfer and reader app. Transfer files over wifi, or by syncing to iTunes and access PDF, DOC, PPT, XLS, audio and video files.

## Collaborative/ Visualising Thinking apps

### What can you use it for?



#### **Corkulous**

Corkulous is an idea board for the iPad. It allows you to collect, organise and share ideas using a virtual corkboard. You can place, arrange and rearrange notes, labels, photos, contacts, tasks, ideas, etc. The ideal tool for brainstorming activities.



#### **popplet**

Popplet is the ideal app for sharing visual ideas; a place to collect and curate ideas. Use Popplet to: collect inspirational ideas; create galleries; record your thoughts; explore ideas.



#### **iDraft**

iDraft is a drawing pad app with a few extra features. Lines drawn are touch sensitive so they have a real hand-drawn feel. Use this app to take notes at a conference or lecture, sketching your ideas on an infinite number of notepad pages. Your iDrafts can be sent to colleagues as an image or a PDF file.



#### **Adobe Ideas**

Adobe ideas is a digital sketchbook which allows you to capture your ideas on the go. The app is also a vector-based drawing tool, allowing you to use a photograph as a layer - it can then analyse the image and develop a color scheme based on the image, which you then use to sketch/design over or around the base image.



#### **eClicker**

eClicker allows students to provide real time responses to true/false, multiple choice, opinion, rating style questions posed by a teacher (or student) using eClicker Host. Data can then be analysed and discussed immediately, providing students with instant feedback.



#### **Idea Sketch**

Idea Sketch lets you draw Mind Maps, concept maps and flow charts, and convert these into text outlines (and vice versa). The ideal app for brainstorming ideas, illustrating concepts, making lists and outlines, planning presentations and more.

# DEECD selected apps

## Creativity/ Multimedia apps

### What can you use it for?



#### Pages

Pages is a fully featured word processor and page layout tool. Perfect for creating rich documents, such as book reports, school projects, advertising brochures, concert posters, invitations, etc. Pages allows you to edit and save your documents in MS Word format or as a PDF, making sharing a breeze.



#### Keynote

Keynote helps you to create stunning slideshow presentations. Build a portable slide presentation to share with others on the plight of refugees, or perhaps take a look at issues of global poverty - grabbing images from news apps or websites on the iPad, or create animated graphs and charts from data you have researched. Keynote can read and edit PowerPoint files, and slides can be exported as PDF files for printing.



#### Numbers

Numbers is a fully featured spreadsheet tool, with everything you need to organise data, perform calculations and manage lists. Numbers also allows your charts and data to share the screen with text blocks and images to create compelling data-driven packages.



#### ReelDirector

A complete video editor for the iPad. Create digital stories from still and moving images, including titles, transitions, and “Ken Burns” pan and zoom effects on images.



#### Caster Free

Create and publish podcasts directly from your iPad with Caster Free. Multitrack audio editing, cut, copy, paste functions. Gather vox pops on a school excursion, and edit the podcast together on the bus home!



#### Strip Designer

Turn your photos into entertaining comic strips. Add text balloons and boxes to your pictures. Give your photos a hand-drawn effect to make them look like a real comic book.



#### Puppet Pals

Pick some actors and backgrounds, drag them onto the stage, and hit record. Your movements and audio are recorded in real time for playback later.



#### PhotoPad by Zagg

Photo editing with a swipe of your finger. Crop, rotate, scale, edit effects such as, hue and saturation, etc.

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# DEECD selected apps

Arts apps	What can you use it for?
 <b>Pro Keys</b>	Pro Keys is a multi-instrumental polyphonic keyboard and drum pad. Tracks can be played and recorded, a vocal track can be recorded at the same time - perfect for budding singer/songwriters. A mirrored keyboard mode means two musicians sitting on opposite sides of the iPad can make music together.
 <b>Six Strings</b>	Play electric and acoustic guitar, ukulele, steel drum on the iPad. Define the chords you want to play and then strum away, or pick out individual notes on the fret board. Get together with a couple of other musicians using both the Six Strings and Pro Keys apps and you have a complete band!
 <b>Jam Pad</b>	Jam Pad is a digital music maker at your fingertips. Play up to four instruments at once: piano, rhythm guitar, electric guitar, and drums! A great way to start your students' journey into music making.
 <b>Groove Maker</b>	Need a DJ for a school function? Look no further; Groove Maker is the perfect app for creating non-stop electronic, dance and hip-hop tracks in realtime. Look and sound like a professional DJ by combining the 120 or so loops into a wall of sound.
 <b>Beatwave</b>	Visually exciting music generator. Tap out a pattern on the screen and beatwave turns it into a looping musical piece.
 <b>Rj Voyager</b>	Techno drum machines and dub sounds feature in Reality Jockey(RJ)'s Voyager app. Drop in sound modules then manipulate the sounds in the liquid environment of the Voyager interface.
 <b>Draw Free</b>	Sketch, draw, doodle, erase, draw on top of photographs. Simple, full screen drawing app.
 <b>Draw</b>	Draw is a simple to use app for sketching your ideas. It also has a couple of cool collaborative drawing-based games. You can also connect with other Draw users via bluetooth to work on sketches or games together.

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# DEECD selected apps

## Mathematics apps

### What can you use it for?



#### Quick Graph

Quick Graph is a powerful graphic calculator which takes full advantage of the multi-touch display on the iPad. Equations can be entered and edited easily; results can be graphed in 2D and 3D in all standard coordinate systems. Results can be saved to the photo library or copied for use in other apps.



#### Pocket CAS

Pocket CAS allows for quick and simple editing of equations.



#### Math Board

Math Board is a great maths learning tool for students in the primary years. You can control the range of numbers you want to focus on, as well as the number of problems to solve, and even set a time limit if needed.



#### Graphbook

Graphbook is a collection of 2D, 3D and 4D interactive graphing examples. Move, pinch and rotate graphs and fractals in real time.



#### Jumbo Calculator

Jumbo calculator is great for anyone wanting the ease of use of a large buttoned calculator. Sadly you can't feel the exquisite texture of the large plastic buttons, and the solar panel doesn't actually charge it up, but otherwise it's the perfect calculator for adding, subtracting, dividing and multiplying.



#### Math Ref

Math Ref is a mathematical reference app that includes over 1300 helpful formulas, figures, tips and examples of the equations and concepts.



#### PollDaddy

Data gathering and statistical analysis has never been so easy. Design and create polls and surveys on the PollDaddy website, then access your surveys via the app and take to the streets (or the schoolyard) to gather responses. Sync your data to the website on your return and analyse the resultant data in a number of ways.



#### Wolfram Alpha

Wolfram Alpha is described as a computational knowledge engine particularly useful with mathematical and scientific information, but is also a great starting point for research into all sorts of things - historical figures, visions, etc. Ask Wolfram a mathematical, statistical, socioeconomic, physical, chemical, linguistic question, and it will compute an answer.

## English apps

### What can you use it for?



#### iBooks

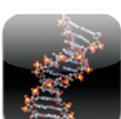
The iBooks app is a digital book viewer. Download books from the iBook store (there are thousands of free, classic books available, and thousands more paid books coming soon to the virtual bookstore). The pages of virtual books can be turned with the flick of a finger, text can be highlighted and a definition checked, text can be read via the inbuilt accessibility features.



#### Dictionary

The Dictionary.com app contains a fully featured dictionary and thesaurus, as well as a random word of the day.

# DEECD selected apps

Science apps	What can you use it for?
 <b>Planets</b>	A 3D guide to the solar system for aspiring astronomers. 3D renderings of the planets, shows rise and set times, moon phases, etc. 2D view of the constellations and planets. Information on the planets e.g. weight, atmosphere, etc.
 <b>SPARKvue</b>	SPARKvue brings real-time measurement, data visualisation, and analysis to the iPad. The SPARKvue app uses the internal accelerometer in the iPad to record and graph acceleration. The app can be extended to use PASCO sensors (via a bluetooth link) to record a wide variety of scientific data.
 <b>Brain Pop</b>	Learn something new each day with the Brain Pop movie of the day. Watch the daily animation on topics such as science, health or technology, and then work your way through an interactive quiz.
 <b>Google Earth</b>	Hold the world in the palm of your hand. With Google Earth you can fly to and explore the far corners of the earth with a swipe of your fingers. High quality satellite and aerial imagery of over half of the populated areas of the planet.
 <b>Molecules</b>	Molecules is an app for viewing 3D renderings of molecules and manipulating them using your fingers.
 <b>Star Walk</b>	Star Walk is your personal planetarium. Hold your iPad up to the night sky and the internal accelerometer and compass will show you the names of the constellations and planets that you see in front of you.
 <b>Touch Physics</b>	Touch Physics HD is a collection of 49 hand drawn levels of interactive physics-based games to play.
Humanities apps	What can you use it for?
 <b>History Maps</b>	History: Maps of the World is a collection of educational collection of high resolution historical maps.
 <b>Wikipanion</b>	Accessing Wikipedia has never been faster or easier. Wikipanion provides a clear, simple and searchable interface for Wikipedia entries. Rich content, such as maps, audio files, etc can be accessed from directly within the app, with images able to be saved directly to your photo gallery.
 <b>World Factbook</b>	The complete CIA World Factbook at your fingertips. Extensive information on more than 250 countries around the world. Includes maps and geographical information, population statistics, economic data, and so on.
 <b>Wikihood</b>	Wikihood analyses your location (or allows you to search for a location anywhere in the world) and then uses sophisticated data mining to access Wikipedia articles based on the location. The app provides information on landmarks around your location, and also information on historical figures in the local area.

# DEECD selected apps

News apps	What can you use it for?
	<b>News Rack</b> The News Rack app allows you to gather news from all of your favourite blogs and news sources in one place using RSS (Really Simple Syndication) which is like subscribing to newspapers and having them all home delivered in one convenient and consistent interface.
	<b>ABC for iPad</b> The Australian Broadcasting Corporation for iPad app brings together news, video and audio from the ABC into one convenient source. Watch 90 second news bulletins, read news articles, or listen to audio streams from ABC radio stations.
	<b>BBC News</b> Get the latest breaking news from the BBC's global network of journalists. Search for news stories by geographical region or by category (e.g. business, technology, etc). Stories can be downloaded for offline viewing.
	<b>Getty Images</b> The Getty Image app puts over 24 million professional images at your fingertips. Creative images are available for use in publications and presentations, and photojournalistic images can be used as great conversation starters for class discussions.
	<b>Reuters News Pro</b> Access professional grade news and market data from the Thomson Reuters network. Video reports of important breaking news items. Simple interface for gathering and analysing news data and graphs, as well as traditional news categories such as sport, entertainment, health, etc.
	<b>Guardian: Eyewitness</b> The Guardian Eyewitness app provides the world's most distinctive and provocative photographs, providing a daily, visual reflection of global events.
	<b>AP: Associated Press</b> Personalised news to meet your needs. The Associated Press app keeps you up to date with what is happening in your home town, and across the globe. From within the app you read, share and save news stories of interest to you.

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