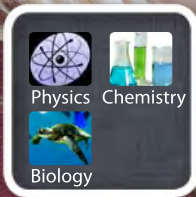


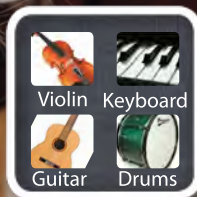
A guide to using iPads in schools

By

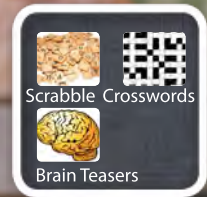
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PRODUCTS



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Music



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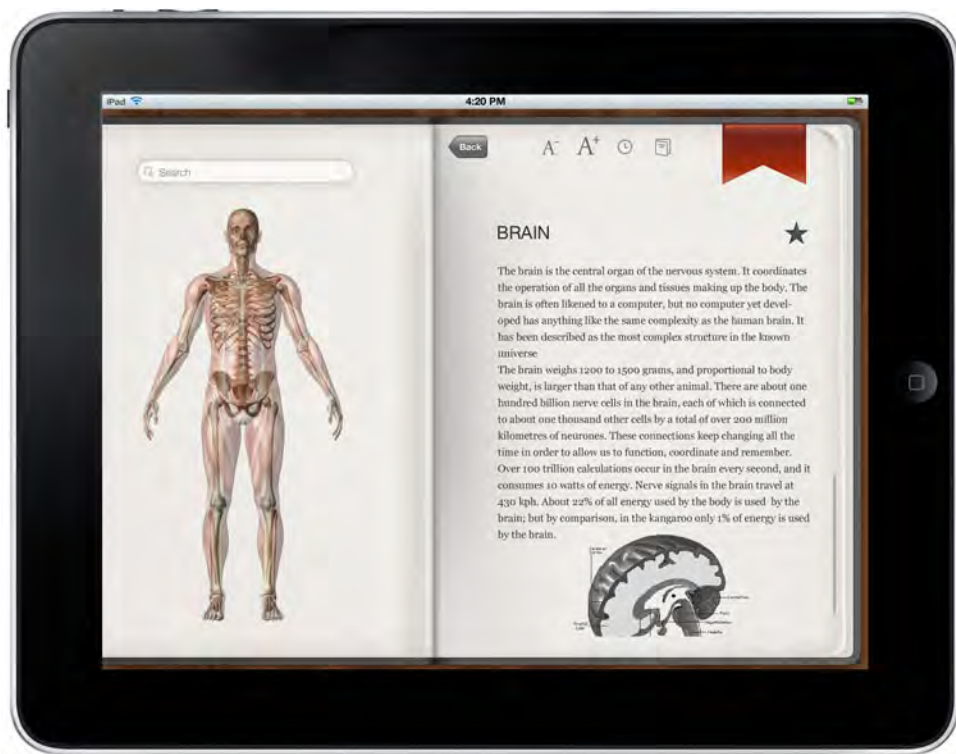
Literacy



What is this guide for?

ICT has changed a lot during the last decade. From laptops to PDAs, netbooks to games consoles and mobile phones, educational technology is constantly evolving. Although each development has brought considerable advantages to schools, surely none has been as heavily debated as the iPad.

Small, light and interactive, the iPad has been hailed by many as a valuable educational tool. In this brief guide, we outline just why this popular consumer device can be beneficial for use in the classroom, suggest some educational apps and explain how you can keep your devices secured, charged and up-to-date. This booklet is by no means definitive, but it should provide a starting point to help you decide whether the iPad could be beneficial to your pupils.



How to use iPads in the classroom:

Here are just five ways to use iPads with your pupils:

1) Increase pupil engagement

As Apple Distinguished Educator Ian Wilson points out, the iPad's touch screen literally connects pupils to their learning material and is fun, different and interesting. Pupils can manipulate on-screen material with their hands and directly interact with texts, websites and images in a way that isn't possible with a computer mouse. As a result, pupils should feel more engaged, motivated and willing to learn.

2) Give pupils more choice in how they learn

With up to 7 hours battery life, the iPad can be used anywhere in a school building, giving pupils control over how and where they learn. Pupils can also make use of the internet and a range of apps to provide information quickly when they need it.



3) Make working in groups easier

iPads are perfect for group work. According to Apple Distinguished Educator Ian Wilson, the beauty of the iPad is that, unlike a laptop, it does not have a large flip-up screen that can get in the way of pupils crowding round the device. In fact, the tablet's smaller size makes it easy for pupils to sit around and share the screen. iPads are also light enough for pupils to hold up them up and present their work to the class, or even reveal their group's answer to a question.

4) Make reading fun

Electronic textbooks and eBooks put a new spin on reading and make books more interactive for pupils. Although

eBooks are designed to provide a similar experience to traditional books, the use of technology can make reading more interesting for children that may not usually enjoy it. Ebooks that can be downloaded from the iBookstore are often accompanied by other interactive resources to make texts more fun. Ebooks are also great for helping young children to read and decipher words, with many books coming complete with voice-overs or read-alongs.

Interactive textbooks are also available from iTunes and can be sourced with booking marking and notation tools to help pupils take notes.

5) Revolutionise music lessons

Numerous musical apps can be downloaded for the iPad, enabling pupils to create music through the device. Music lessons can be made more interactive and engaging through the iPad, helping to spark the interest of pupils that may not usually be interested in playing the piano or banging the drums.



Top free apps

There is now a huge range of apps available from iTunes for a range of different price points. Here are some suggestions for educational apps that won't cost you a penny to download:

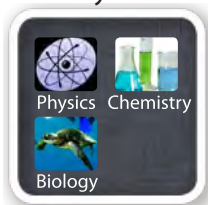
World Explorer – with this brilliant app featuring over 350,000 locations, your pupils can travel the world from their seats. It allows users to find famous landmarks and monuments, and virtually walk down the streets.

Virtuoso Piano Free 2 HD – this funky piano app is great for learning the basics of music and features labels for the keys, so anyone can practise the chords and learn the notes.

Play2learn Multilingual Clock HD – this cool clock helps children to learn to tell the time in 11 different languages, including French, Spanish, Chinese and German.

The Elementals – this fun periodic table app gives every element its own personality, helping younger users to learn the basics of chemistry.

Pirate treasure hunt – here the pupils can join Pirate Jack in his quest to solve problems and find his hidden treasure. It's great for younger children, as it presents literacy and numeracy puzzles.



Science



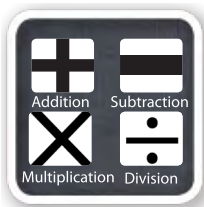
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Case Study : St Hugh of Lincoln R.C. Primary School

Located around five miles from the centre of Manchester, in the Metropolitan Borough of Trafford, St Hugh of Lincoln R.C. Primary School provides a warm and caring environment in which each child is encouraged to reach their full potential.

As part of the school's ongoing commitment to deliver quality learning experiences and improved resources, St Hugh of Lincoln R.C. Primary School decided to invest in 64 iPads. The school sought a quality charging trolley that could easily synchronise the devices inside the cabinet to enable teachers to download educational apps. Having purchased laptop charging trolleys from LapSafe® Products in the past, St Hugh of Lincoln R.C. Primary School knew that they could rely on the UnoCart™ for iPads to charge, sync and secure their new tablets.

Mark Mountcastle, a teacher at St Hugh of Lincoln R.C. Primary School, purchased two 32 bay UnoCart™ for iPad charging trolleys in July 2011. He said: "The UnoCart™ offered us all of the functionality that we required at a lower price than other trolleys on the market with a similar specification. We felt that the trolley was good value for money, and, because it bears the LapSafe® brand name, we knew that we'd be getting a reliable and robust solution.

"We had already used LapSafe® charging trolleys to manage our laptops before investing in iPads and had been happy with both the products and the service. Like our other LapSafe® trolleys, our new UnoCart™ is very good quality and does everything that we need it to do."



The school currently use their iPads for a range of different activities to supplement both learning and teaching. Mark said: "The iPad represents the next generation of learning; everything we can do on a PC we can now do on the tablet, but with instant access. We no longer have to wait for a computer to boot-up, so our pupils can quickly grab an iPad and go to a search engine to check any information they are unsure of."



Mark continued: "We take the iPads on school trips to use them as digital and video cameras, use them to access educational apps, print, and even as keyboards in our music lessons. Our pupils love using the tablets to learn geography, to boost their fine motor skills, and they also take them outside to film our sports lessons. Both our teachers and pupils are enthusiastic about new technology and being able to use iPads has added another dimension to our already successful learning programme."

Classes at St Hugh of Lincoln R.C. Primary School now have timetabled access to an UnoCart™ full of iPads on a regular basis. Outside of this rota, pupils and staff can grab iPads from the school's second iPad trolley whenever they are required. Mark concludes: "I would recommend LapSafe® Products to other schools looking for an iPad charging trolley, as not only does the UnoCart™ meet all of our needs, but the support given to us has been fantastic and very time responsive."

How to manage iPads in the classroom?

Using iPads in the classroom can be both fun and educational, but these extra resources need to be effectively managed to ensure that the devices are ready to be used when they are needed. In addition to creating rotas and booking forms to ensure that each class is given time to use the iPads, you also need to decide how you will securely store, charge and sync apps to your tablets. To help make managing iPads easier in schools, we've developed the UnoCart™ for iPads charging trolley.

The UnoCart™ for iPads incorporates safe sync and charging for one MacBook or laptop in 16 and 32 bay iPad versions, enabling fully-charged tablets to be shared between classrooms and buildings. The trolley provides safe and secure overnight storage for a MacBook and allows iPads to sync to the machine using iTunes. It includes effective USB cable management, a top mounted socket with USB connectivity for the MacBook and features an in-built security cable to secure the MacBook whilst on top of the cabinet during the synchronisation process.

The UnoCart™ charges iPads horizontally, without pull-out shelves that could cause instability and risk pupil safety, and features a rear service door for use by an ICT technician to prevent access by students. The unit is available with three charging options; 'Sync only', 'Charge only' and 'Sync and Charge'. Training or can be given to provide scheduled 'Sync and Charge' cycles to be communicated to the iPads. The unit is independently CE Certified and meets HSE guidelines.



Sources

Ian Wilson (Apple Distinguished Educator)
www.ipadineducation.co.uk

Helpful information

Felsted School, near Great Dunmow in Essex, is an Apple Regional Training Centre and regularly hosts events for educators on using the latest Apple solutions in education.



www.felsted.org





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