iPad 助環境保護 提升學習效果
中華基金中學

「推行全人教育和發展個人潛力」是中華基金中學的教育目標，該校的老師相信，iPad可以促進教學。電腦科主任林志遠表示，「iPad可以大大幫助學生討論，增加學習動機，甚至幫助學校推行環保設施。」

促進小組討論

林老師指，「我們學校實行小班教學，平均每班有30個學生。我們常常在班上有小組討論。學生透過iPad可以輕易撰寫筆記、圈出重點，下載學習材料。他們可以隨時使用筆記，開始討論。而且，利用搜尋器尋找資料，校閱閱書本容易，學生手上就像多了一個內容豐富的資料庫。」

當iPad融入教育後，課室頓時變得更加互動，老師不再侷限於使用靜態的教材，而是可以使用動畫、電影、影片和其他多媒體材料在教學中。高解像度的顯示器令iPad適合任何類型的影片播放。

多媒體學習

林老師認為使用多媒體學習很重要，因為有些概念難以單單使用相片解釋，例如使用影片解釋風車發電的原理，較利用相片優勝。林老師說：「我們現在會在課室更多使用導師的影片。」

另外，iPad幫助學生展示他們的學習成果。林老師指出，以往學生只可站在班房前方，手持一大張的紙張解釋他們的報告，但無論他們如何努力預備，這種報告始終有很大的限制。首先，紙張上的字體可能太小，不能讓每一個學生清楚閱讀。第二，學生不能採用影片和電影去豐富報告內容。第三，只有個學生可以儲存報告，但現在透過iPad，報告的方法可以大大改善，學生可以在報告中加入多媒體元素，而班房內的每一個學生都能夠清楚看見報告內容，又能儲存報告作參考。
節省紙張 保護環境

中華基金中學強調環境保護，除了設立中華基金中學環保教育徑和中草藥園，他們還透過iPad進一步減少使用紙張。林老師指出，學校很久以前就實行環境保護設施，把iPad融入教學中可以進一步實行綠色政策，估計單單一個科目便可以節省一箱紙張。

良好教學經驗

由於iPad使用容易，學生很快就學會使用iPad。林老師說：「學生平均只需五至六分鐘便能熟悉如何操作iPad，現在他們都很喜歡使用，而且每個都很期待上課。」事實上，老師也很享受使用iPad，超過十名學校老師購買了一部iPad自用。

藉iPad流動學習

中華基金中學過去流動學習的先驅者，在第一階段的流動學習計劃，學校採用手提電話，學生的反應正面。基於正面的回應，學校在第二階段的流動學習計劃採用iPad。林老師解釋，「iPad的螢幕較手提電話大，這帶來很大的改變，因為學生可以在較大的螢幕上打字、閱讀和做功課。」

林老師建議，「iPad薄而輕，可以隨身攜帶，他能自動接駁無線上網，現在iPad放置在未來教室（中國）中。當學生需要到中華基金中學環保教育徑和中草藥園去搜尋資訊，他們會帶備iPad，把自己對植物的介紹、回應立即放在網上，增加學習的趣味性和提升自我學習的能力。全年最好的學生回應會放在網站作獎勵。」

敏銳的觸感式螢幕

在購買iPad之前，林老師比較了其他類似產品的價錢和用途。他說，iPad是更好的選擇，因為觸感式螢幕很敏銳，無論我們放在地圖，翻閱相片，或者刪除筆記，iPad的觸感式螢幕都能準確地執行指示，能夠做到你想做到的。

事實上，多功能的觸感式螢幕是基於iPhone的革命式科技，這技術現在更可以使用在體積較大的iPad上，這功能使iPad較其他電子書優勝。

仿如正在閱讀書本

林老師指出，「使用iPad閱讀就像閱讀書本。」同時，iPad可以像翻閱書本一樣地閱讀，簡單易用，又方便攜帶，用家可以隨時調較文件的大小。事實上，圖書館的空間有限，學校可以透過iPad購入更多電子書。

為了配合使用iPad，學校正計劃改善無線上網的服務。林老師說：「我們計劃把無線上網服務，擴充至中華基金中學環保教育徑和中草藥園的每一角落。另外，在網站和伺服器將會加入更多的資訊，讓學生可以透過iPad閱讀和下截有用的資料。」
GO GREEN AND ENHANCE STUDY WITH iPAD
The Chinese Foundation Secondary School

"Providing an all-round education and developing the potential of each individual" is the principle of The Chinese Foundation Secondary School. Teachers believe using iPad in Education can facilitate both teaching and learning. Mr. Lam Chi Wai, Head of I.T. Department, said, "iPad provides great help to students during discussion. It enhances students' motivation in learning, and even help school go green."

Facilitate group discussion

Mr. Lam said, "The size of the class in school is small, thirty students in each class on average. We always have discussion in class. Students can easily take notes, highlight texts, and download teaching materials with iPad. They can use the notes and start the discussion with classmates whenever they like. It would be much factor by using search engine than looking around the books. It is just like a rich databank on students' hands,"

After integrating iPad in education, classrooms have become more interactive. Teachers sticks no longer to static publications. Instead, they use dynamic content with animations, movies, videos and other multimedia in teaching. The high-resolution display makes iPad perfect for watching any kind of videos.

Learning with multi-media

Mr. Lam regarded the use of multimedia in teaching of high importance, because some of the concept cannot just be easily explained by merely showing photos. For example, when teachers try explaining how a windmill works, they would prefer a lively video to a static photo. Mr. Lam said, "We can now use more dynamic and interactive movies and videos in class."

iPad also helps students with their presentations. In the past, students would be standing in front of the class and holding a paper, no matter how carefully drawn, to explain their projects, and, according to Mr. Lam, this kind of presentation was showed to have many limitations. First, the words on the paper may not be large enough for everyone to read. Second, videos and movies cannot be used to enrich their presentation. Third, only one student could keep the presentation paper. Presentations have been improved after using iPad, while students can integrate multimedia into the presentation, and every student can read and keep a copy."
Save paper, save the Earth

The Chinese Foundation Secondary School emphasizes a lot on environmental protection. There are Environmental Trail and Chinese Medicinal Herbs Garden in school, and the school would like to further save more paper by using iPad. Mr. Lam pointed out that the school had long adopted green policy, and infusing iPad into education would further help them going green. With iPad, approximately a box of paper could be saved for each subject.

Good learning and teaching experience

Students, moreover, learn how to use iPad quickly with its easy-to-use features. Mr. Lam said, “Students could become familiar with the machine with only five to six minutes, and they love using it and are looking forward to using it every week.” Indeed, teachers also enjoy using iPad in class. More than ten teachers in school get fascinated and purchased one for their personal use after the great experience.

Mobile learning with iPad

The Chinese Foundation Secondary School indeed is a pioneer in mobile learning. In phase one of the mobile learning scheme, mobile phones were adopted, positive and encouraging feedback were collected from students. Building on this positive experience, phase two mobile learning scheme was launched with the use of iPad. Mr. Lam explained, “The size of the iPad screen is bigger than that of a mobile, and it makes a difference, because it enables student to type, to read and to do coursework.”

Mr. Lam continued, “It is thin and light enough to be taken anywhere. It automatically locates available WiFi networks. iPads are now usually put in the classroom called "Classroom of the Future (China)". While students are required to go to Environmental Trail or Chinese Medicinal Herbs Garden to collect information, they can bring the iPad with them, and post their feedback immediately on the website. It makes learning fun and enhances self-learning skills. The best comments of the year will be added on the website as rewards.”

Incredibly responsive multi-touch screen

Before buying iPad, Mr. Lam had compared functions and prices of similar machines. He commented, “iPad is a better option with its incredibly responsive multi-touch screen. Whether we are zooming in on a map, flicking through our photos, or deleting a note, iPad responds with incredible accuracy. It does just what you want it to.”

In fact, the multi-touch screen on iPad is based on the same revolutionary technology of iPhone, but the technology has been completely reengineered for the larger iPad surface, making it extremely precise and responsive. This function makes iPad better than other eBooks.

Like reading a book

“Reading on iPad is just like reading a book.” Mr. Lam said, at the same time flipping the pages like a book, easy and convenient. Users can change the text size anytime they like. This is also good for an library, in which space is limited, and therefore the school can buy more ebooks with iPad.

With the good machine in their hands, the school is planning to enrich their website and improve wireless service. “We are going to extend the wireless service to every corner in Environmental Trail and Chinese Medicinal Herbs Garden. In addition, more information and data of other subjects will be included in the website and server for students to read and download with iPad.” Mr. Lam concluded.