MANOR LAKES P-12 COLLEGE
1:1 IPAD PROGRAM
2013
At Manor Lakes P-12 College, we understand that the need of up to date technology for learning is not optional. Technology now forms a vital part of a high quality, fully rounded education in the 21st century. Young people are now using technology to assist them in life and learning. We feel the need that students must be able to access digital information, tools and resources from anywhere, any time and in ways that lead to a deeper engagement and understanding.
We believe that today’s students think, connect and communicate differently to the way their peers did only a few years ago. We are aware that our students live in a world where information can be accessed and shared quickly over the Internet; where they can communicate with peers and create new knowledge.

As technological trends continue to expand and grow, so does the need of our students. With the introduction into the world market of tablet computing and mobile device technology, we as a College need to ensure that our students are using rich and relevant technology to compliment their learning.

With the introduction of mobile device technology we have now seen a greater shift in learning and education moving from inside the classroom to out, and the development of students as more independent and self initiated learners.

“If we teach today as we taught yesterday, we rob our children of tomorrow.”

John Dewey
The use of technology in our setting has certainly taken us on an amazing journey since we implemented our first 1:1 Laptop program in 2009. To develop and foster a whole College Culture of technology integration from the start has certainly led us to where we are now, this being, educational leaders in technology integration.

We as a College have worked tirelessly to ensure that even with the integration of high end technology to support learning, we never lose focus of the number one indicator that promotes student learning, that being, good teaching.

Even though the students of today will know nothing less than the technology that is always available to them, as a College we need to ensure that we are constantly delivering the best teaching practices to our students. We are fully aware that the students we are now teaching are:

- More self-directed
- Better equipped to capture information
- More reliant on feedback from peers
- More inclined to collaborate
- More orientated to being their own ‘modes of production’

With students having 1:1 access to their own device, they can utilise their technology to support the above.
“Teachers need to stop saying ‘Hand it in,’ and start saying ‘publish It,’ instead”

Alan November
In 2013 we are heading into new territory for the integration of 1:1 technology in an educational setting. There are a number of methods Colleges can choose when deciding on moving towards a 1:1 technology program, in partnership with families and the community, to implement such programs. Since 2009 we have been see as educational leaders in 1:1 technology integration in to teaching and learning, this has also included the management of coordinating of such high quality programs.

At Manor Lakes P-12 College we want our students to strive for excellence through a personalized learning program that integrates the curriculum and fully exploits the use of Information and Communication Technology (ICT). The use of a 1:1 device along with newly integrated technologies such as the use of Google App’s and Cloud computing, will work seamlessly in building the knowledge and capacity of our young learners.

The Prep, Year 1, Years 6-8 1:1 iPad Programs will assist us achieving this by –

❖ Providing each student in Prep, Year 1 and Years 6-8 access to their very own iPad Device throughout the course of their learning to promote ‘Anytime, Anywhere’ learning.
❖ Providing wireless broadband Internet access that connects all students to local and global communities.
❖ Allowing all students to access information quickly to create high end products that demonstrate their understanding in all areas of the curriculum.
❖ Providing all students with high quality opportunities for rich and relevant learning that is engaging and promotes excellence.

We need to ensure that our students are using technologies to assist their learning and cater for their diversified needs as technology use begins to play a greater role in their lives.

The 1:1 iPad program that we are coordinating at Manor Lakes P-12 College in 2013 involves a combination of BYOD (Bring Your Own Technology) technology integration as well as the use of devices belonging to the College itself.
BYOD (Bring Your Own Device) Devices: Year 1

This component of our 1:1 iPad programs in Year 1, and Years 6-8 initiates students already using their own Apple technology. This technology will be able to access the School’s wireless network anytime and anywhere. Giving students the opportunity to use their own device, one with which they are most comfortable, we feel is most ‘effective and beneficial’. As students have full access to their own software and applications, they then are the administrators as to how their device is moderated.

Students are free to bring their own technology from home to utilise as part of their learning. If this is the case, then all guidelines contained in the ICT AUA must be adhered to. This agreement is to be signed by all students, parents/guardians at the beginning of each year.

With students bringing their own devices to the College we need to ensure that the technology that they are utilizing is relevant for their learning needs. On the following page you will find the requirements/recommendations for student owned devices.

**Device Recommendations;**

**Operating System:** iOS 5.1.1 or higher.
**Hard Drive:** iPad - 16GB or higher.
**Wireless Connectivity:** 802.11 G or N
**Keyboard:** External Bluetooth Keyboard recommended but not necessary.
**Power Adapter:** All iPad charging is to be done at home however there will be some spaces for students to charge devices whilst at school, however, this will be limited.
College Owned iPad Devices: Prep Cohort.

All Prep students will have 1:1 access via school owned iPad devices. These are iPad 1 devices which have been kept in excellent condition by the previous cohorts that have used them. As the need arises for newer technology, we will update these devices as need be.

Prep students will not have access to these devices until Mid-Late term 1, this will then allow them ample time to settle in as new Manor Lakes P-12 Students. Towards the end of the year, we will also be asking for parental/guardian support to have these devices travel to and from school. This is to assist students in becoming familiar with these devices coming to and from school, but more importantly, to bridge the school home divide, where students will share the outstanding things that they create with family members.
At Manor Lakes P-12 College we design all learning programs based on the AusVELS (Australian Curriculum in Victoria).

“AusVELS is the Foundation to Year 10 curriculum that provides a single, coherent and comprehensive set of prescribed content and common achievement standards, which schools use to plan student learning programs, assess student progress and report to parents.” - [http://ausvels.vcaa.vic.edu.au](http://ausvels.vcaa.vic.edu.au).
The new AusVELS incorporates the Australian Curriculum F-10 in Victoria for English, Mathematics, History and Science within the curriculum framework first developed for the Victorian Essential Learning Standards (VELS). AusVELS uses an eleven level structure to reflect the design of the new Australian Curriculum whilst retaining Victorian priorities and approaches to teaching and learning.

Students in the 1:1 iPad year levels will work within these standards including Literacy, Numeracy, The Arts, Humanities and Science. With this in mind, the iPads that students have access to will provide them with heightened access to research, publishing, problem solving, designing, and the presenting of their achievements in a fluid and flexible learning environment.

When planning classroom programs we understand that there is a time and place for technology to be integrated, and that it is the case for the high quality of the 1:1 technology integration, not the quantity. Teachers will facilitate technology use in conjunction with the students to ensure the technology available becomes a powerful tool to support the teaching and learning that is occurring, and not the focal point.

With students in Prep and Year 1 beginning their educational journey, we will ensure that, like across the whole college, that the technology integration is paramount to supporting learning where applicable. That technology use does not become a focus for learning, but merely a tool to support it.
Since we began our involvement in the DEECD iPads for Learning Trial in 2010, we have seen great results in student learning through increased engagement and collaboration. The ideology of Mobile Learning has been around for some time yet has not really taken off in the education system until recently, that being with the release of the iPad.
DEECD’s 2011 iPads for “Learning – In Their Hands” trial placed around 650 iPads in ten primary, secondary and special schools. The trial has investigated the capacity of iPads to ...

- increase independent and self-initiated learning among students
- increase student motivation and active engagement in learning
- improve teachers’ capacity to plan for and meet individual student needs
- improve student learning outcomes
- extend students’ learning beyond the classroom
- improve parental engagement in learning and strengthen home-school links

... and found that effective use of iPads can lead to all of these outcomes.

There is no doubt that our current and continuing 1:1 iPad and technology programs have been a wonderful success. Our 1:1 iPad programs in 2012 have enriched student’s lives by allowing them access to anywhere, anytime learning. With mobile technology integration students will be able to access the Internet, use organisational tools and engage with high quality resources available more so, whilst being mobile.

Students will be able to take notes, plan, problem solve, collaborate, word process and produce and create presentations and videos that combine many multimedia elements. In addition to these, as we move towards eBooks to replace textbooks, the iBook Application is an extremely effective way to get the most from digital books with the added benefit of the built in dictionary, search and highlight feature, note taking and sharing tools. Through the Apple App store students have access to an enormous quantity and quality of applications, educational games and books not available on a laptop device, and without spending costs soaring.

We believe that the best device for 1:1 computing is a mobile, personal device. Of the available tablet devices the iPad is the current market leader. The iPad is compact in size and light weight, making it ultra-portable. Its battery life will get through the whole school day without requiring charging. It’s an instant-on, simple and reliable device. It supports essential learning with no complications.
There is no doubt that the student’s of today are evolving. That their lives, and ours, are changing with the ever expanding and ongoing developments of technology integration in to our lives. As a College, we want to make sure that our students are involved in teaching and learning programs that are rich, relevant, and engaging.

KEY 1:1 IPAD INFORMATION
General questions relating to both BYOD and College owned devices;

How often will the iPad be used during school time? What will it be used for?

We as a College place a major emphasis on students using technology to assist and drive their learning. However we also understand that, outside of an educational setting skills are still required and relied upon to complete everyday tasks. Staff planning their teaching and learning programs will certainly take this into consideration. That students have a mobile device for anytime, anywhere learning to take place, does not necessarily mean they will using their device all day everyday. While the iPad should be able to handle most of a student’s computing needs, it is certainly not intended to replace a laptop/desktop device. The iPad is a companion device. The advantage of the iPad is its mobility and ease of use so it is the perfect tool to take to class, especially for younger students.

My child already has an iPad. Can that be used instead of purchasing a new one?

Yes. If your child already has an iPad 1 or iPad 2, he/she can use it as their 1:1 device. If you are purchasing a new iPad we strongly recommend buying an iPad 2 in order to get the most use from the device. Please be aware that traditionally Apple will only support the two most recent models of their devices (currently the iPad 1 and iPad 2), with software and hardware updates and support.

If you are planning on purchasing your own device, here is some information to assist you.

Parents and families who are wishing to purchase an iPad device can do so in one of two ways. Firstly, you can make a general retail purchase (JB-Hi Fi, Big W, etc..). Secondly, you can access our own online Portal via the following web address and using the login code. The portal allows parents to purchase the device under educational pricing but must be bundled with an extra year of warranty. There are also cases., covers, protectors along with insurance options also for purchase.

Which model should I buy?
The minimum expectation is that each student in the year levels identified will have an iPad. The model (iPad2 or 3, ipad Mini), and the size (16Gb-64Gb) are entirely up to you. The most common device we have by far is the 16GB Wi-Fi only model.

The college strongly recommends that parents purchase the Apple Protection Plan for the iPad to extend the warranty and support period to two years.

Should I get the Wi-Fi only or the Wi-Fi + 3G model?
When you purchase an iPad, there are two connectivity options available:

Wi-Fi only – this means the iPad must be in range of a wireless network to be able to access the internet.

Wi-Fi + 3G – this means that the iPad can access the internet via wireless networks, but also via a 3G network from one of Australia’s mobile phone providers (Telstra, Optus, Vodafone, 3 etc.). A micro-SIM from one of these providers is required for 3G access, with an additional ongoing cost.

We see some real advantages in the 3G option as it supports our vision of anywhere, anytime learning. A 3G-enabled iPad allows access information and learning content from anywhere they have mobile-phone coverage (café, park, in the car etc.). However, it is at our parents’ discretion as to whether the additional cost is warranted to enhance the students’ learning away from the college and/or home wifi connections.

Our wireless network at the College will ensure that all devices are connected to the internet at all times (whether 3G or not). While connected to the college’s network there is no charge for usage or downloads. Please note, while connected to the Manor Lakes P-12 College network, all traffic from the iPad passes through all our internet filters and security. A 3G–enabled iPad can bypass these filters as it uses an independent 3G network, outside of the college’s filters.

Should I get the 16, 32 or 64GB?
GB is spoken “Gigabytes” (GIG-a-bites) and refers to the volume of data the device is capable of storing. For school use a 16Gb model should provide ample capacity. The more applications, pictures, music and movies you want to store permanently on the device will determine the model you require.
**Do I need to buy a case to protect my iPad?**

Yes. We strongly encourage you buy a case for your child’s iPad in order to protect the device from damage. The iPad is a very robust device and can take a decent knock, in saying this however they are not indestructible. Students need to be cautious of not damaging their device and a cover/case will certainly assist them in looking after it.

**What apps should I purchase and download so I am ready for school in 2013?**

For Year 1 students, we will be sending a complete list home of all apps we will require to support the teaching and learning occurring in 2013. The Prep iPad devices will have these pre installed.

**Do I need wireless internet at home?**

As the iPad is a wireless device it is most effective when connected to the internet, however, you do not necessarily require wireless internet. A lot of the applications that iPad’s run do not require an internet connection, however it does help and can enhance what an application can do.

**Can the iPad open Microsoft Office documents such as Word, Excel or PowerPoint?**

This is probably the most commonly quoted misconception when talking to people about using iPads. With specific applications installed on the device almost any document type containing images and text can be viewed. The Pages, Numbers and Keynote apps can edit and save these types of documents. There are minor limitations with heavily formatted documentations and presentations but with a new device comes a new way of working and students will learn how best to work across both Windows and iPad platforms. It is the well designed compatibility across multiple platforms that is, in fact, what the iPad does very well. The iPad will also work with Mac documents.

**I have a PC at home, not a Mac. Will the iPad work with my PC?**

The iPad connects to either a Mac or a PC via the iTunes software. It doesn’t matter what you have at home. The iPad will sync, backup and talk to either PC or Mac desktops or laptops. For year 1 students, we will be recommending that students regularly back up the iPad on a home computer in case of damage or theft. If a student forgets their passcode this can be reset from the computer with which it was last synchronised. Information about the restoring and backing up iPads can be found at the Apple website http://support.apple.com/kb/HT1414.
Can parents control the use of the iPad at home including which apps are installed?

Yes. It is important that students use these devices responsibly and we will be working with parents to make sure that this is the case. Parents can set various controls and we will cover these features during our parent workshop sessions.

Will students need iTunes accounts to use with iPads?

Yes, and No. iTunes Accounts, or Apple ID’s are needed to download and install iPad Applications, however we strongly recommend that parents/guardians create and set up the iTunes Accounts and do all managing for the students. This will ensure parents can monitor all applications that are being downloaded. We will discuss the options for setting up iTunes accounts in our parent workshop sessions.

Does an iTunes account require a credit card for purchases? How will I keep my student from charging iTunes purchases without my permission?

No. iTunes accounts can be created without a credit card however you will need an iTunes gift card/voucher when setting up an account for the first time. iTunes gift cards can be used to credit the account so that purchases can be made to buy apps, music, TV shows and movies. Once the value of the gift card has been exhausted, no further purchases can be made until another gift card is added, or, you add a Credit Card to you account. Parents do have the ability to control the installation of applications and can set up an iPad to require a password. This affects the adding of applications, music, movie or tv purchases.

Will students receive support in setting up their iPads and how to best use it for their learning?

Yes. Teachers who have had extensive professional development will spend time with all students in their classes showing them the basics of the iPad and its operation and how it can support their learning.

What level of IT support will Manor Lakes P-12 College provide?

Our College helpdesk staff will be available to support iPad users and their families. We will provide assistance with technical issues, such as ensuring that the student’s iPad connects to the Wi-Fi network and all available services such as email. The IT Department will not undertake mechanical repairs. All iPads should be under warranty, so any technical faults will be addressed under the terms of the warranty meaning that parents/families are responsible for having devices repaired.
**Will students get another iPad to use if theirs is broken or is somehow made unusable in the classroom?**

Depending on the College owned devices, if there are iPads available for students to utilise then yes, however this will be limited to a strict 2 week timeframe. For students who do not receive a spare device, other forms of technology such as classroom iMac devices will be able to be used.

**What if my question isn’t answered here?**

Please ask! We understand that there may be some early confusion and you may have questions that have not been answered in this document. We welcome input from parents, students, and the community and would be grateful for any constructive criticism. If you have any further questions or concerns about the program please contact the college through college reception and we will endeavour to get back to you as soon as possible.

As a college we have dedicated a great amount of time in investigating research in to 1:1 technology programs. As mentioned we see the use of the technology, primarily mobile technology, as an outstanding tool in assisting and complimenting what the students are learning at the College.

**For more information on our 1:1 ipad Program, please access our Pads 4 Learning Blog:** [http://ipads4learning.global2.vic.edu.au/](http://ipads4learning.global2.vic.edu.au/)