21st century Laptop Programmes are part of an international move towards individualising education. Using personal digital learning technologies, these programmes aim to increase independent and self-initiated learning in students and extend their learning beyond the classroom.

By engaging students in this way, students take greater pride and ownership over the knowledge they create and are encouraged to become lifelong learners.
Why a MacBook?

The MacBook Pro comes with a range of software and learning tools designed to make teaching and learning easier and more engaging. It has a built-in video camera, microphone, 802.11n wifi and Bluetooth and works with most printers, cameras and other peripherals. The MacBook comes as a complete hardware-software package with a range of educational applications not available with PCs and Windows Operating systems. It comes with the OS X operating system which is designed for ease of setup and use, and can also run other systems such as Windows and Linux.

The benefits to the student include:

ANYWHERE—Students will be able to access the technology they need anywhere in the College.
ANYTIME—Technology will be available on or off campus at all times.
ANYWAY—Students will have the tools they need to create information and media-rich work and share this work with their teachers and peers.

DIGITAL CITIZENS
Provides students with differentiated/flexible methods of learning  
Teaches students how to be discerning when accessing content  
Supports the ethical use of technology  
Enables students to increase their knowledge and supports their ability to extend their own learning independently  
Provides for improved communication between teachers, students and parents  
Encourages students to become life-long learners

What software does it come with?

The MacBook comes with the standard factory installation of Mac OS X with Mail, Safari, iTunes and the Apple Creativity Apps, such as iMovie, iPhoto and GarageBand allowing students to create digital content such as; video projects, podcasts and wiki pages. In addition, the programme includes the College Operating Environment which provides students with software under the Mater Dei College software licensing arrangements which is levied within the College fee structure. This includes software specific to the student's learning programme such as Office for Mac (Word, Excel, PowerPoint, Outlook), MathsZone, Obento and the Catholic Youth Bible as well as many other applications and digital texts specific to the subject or year level, please refer to the Digital Delivery Appendix on the College website. The annual fee associated with the programme covers the cost of installation, maintenance and support and at the conclusion of the programme the laptop is restored to the factory default settings.

Home Environment

1. If the laptop is used as a standalone computer, no additional requirements are needed from home.
2. If parents already possess an internet connection, then the laptop can be connected to a spare port on the modem/router or remove the network cable from the Home computer and attach to the MacBook.
3. If the home environment has wireless access then the MacBook can be set up to connect to it.
4. Backup portable drives are required for students to take responsibility for backing up their data.
Laptop Use in the Classroom

The Student Laptop Programme provides for students to have their laptops with them and available for use throughout the school day. This does not mean that they will be used in every class. Like other learning tools, the use of laptops will depend on the particular learning activity and this is at the discretion of the teacher. Laptop activities will blend with others such as writing, reading, discussion, debate and testing and students will find that their use of laptops will vary from day to day.

Frequently Asked Questions

a) What else should I purchase with the laptop?
Mater Dei College recommends parents take out both insurance and Apple extended warranty cover for the duration of the programme. An external hard drive for backups and a protective case are essential.

b) Are we still required to purchase textbooks or are these included on the MacBook?
Where possible, texts have been chosen that have electronic versions. Unfortunately, not all subjects have suitable texts and in some cases the electronic version comes with the hardcopy, the remainder involve a per person licence which appears on the booklist and is charged as part of Digital Delivery.

c) If my child does not have a MacBook for any reason is it still possible to complete classroom studies?
If a student does not have a MacBook at all, the student will not be able to participate in all of the learning experiences in class. If the student is without a MacBook for a short time (e.g. left it at home or forgot to recharge or in repair) the College Library has a number of MacBooks available for short term loans.

d) What does a student do if they have a problem with their laptop?
The student takes the MacBook to the Help Desk during College hours where a technician will assess the problem. For hardware repairs e.g. failed HDD, the MacBook needs to be taken to an authorized Apple Service Centre for assessment and liaison with the relevant Insurance Company. Most repairs are usually covered under the AppleCare Warranty and so are at no cost to the parent. If it requires an insurance repair, the specific insurance policy conditions will apply. Daily backups ensure a quick repair.

e) Are there limits to how the student uses the MacBook at home?
The laptop is for the student’s own use both at home and at the College. The student can save work directly on their laptop and install programs at home independent of the College network; however, if they are able to connect to the internet from home they will still be able to access College digital learning content for collaboration with their teachers and peers. Parents are advised to monitor use at home. Please refer to Mater Dei College Information and Communication Technology Use by Student Policy. For further information refer to the Policies page on our College website.

f) What is the College’s policy on laptop use on campus?
Use at the College is subject to the Mater Dei College Information and Communication Technology Use by Student Policy. Please refer to the Policies page on our College website. MacBooks that are part of the programme have been loaded with a Standard Operating Environment that allows the laptop to be monitored while connected to the College network.

g) When should the MacBook be replaced?
MacBooks with Apple Care Warranty have a 3 year warranty plan, it is recommended that the MacBook be replaced when this warranty period expires.
How to back up your MacBook

Backups will only work with both the power adaptor and back up drive connected.

**Scenario 1**

If the external backup drive is new or you have re-imaged your MacBook and are plugging the backup drive into the MacBook for the first time you will see a pop up screen like this.

That’s all you need to do – the backup will continue to run.

**Scenario 2**

If the external backup drive has been used before or Time Machine is not configured correctly you may need to follow some, or all of the following steps.

**STEP 1** – if the Time Machine icon is not in the Menu bar continue to Step 2. If it is already in the Menu bar check the other preferences in Step 3.
STEP 2 - select the Apple icon and go to System Preferences then select the Time Machine icon.

STEP 3 - Configure these preferences
**STEP 4** – check that the backup drive you have connected is listed under Backup drives, if the drive you have connected is listed under Available Drives continue to Step 5.

![Backup Drive Screen](image1)

**STEP 5** – upon selecting the relevant drive Time Machine will first ask if you wish to replace any previous drives and it may need to format it, in which case it will ask to erase all data, select Replace and Yes if data needs erasing.

![Replacement Prompt](image2)

*Click Replace “X” drive*
**STEP 6** - Time Machine will now commence a backup, leave the backup to complete.

![Time Machine Backup Progress](image1)

**STEP 7** - You can also start, skip and view backups using the Time Machine icon in the Menu bar.

![Time Machine Icon in Menu Bar](image2)
How to restore data from your backup drive

**STEP 1** – open the Backup drive and a second Finder window, arrange them side-by-side.

**STEP 2** – open the Backups.bakupdb folder and continue to open the folders indicated in Step 3.

**STEP 3** – open the folders listed below until you get to a folder with your username ie. jonest. You can now copy data from inside the Desktop, Documents, Movies, Music and Pictures directly into the same locations on your MacBook. Please see Step 4 regarding the Documents folder.

**STEP 4** – do not copy the Microsoft User data folder from your backup drive to the Documents folder of your MacBook. Use the cmd key to deselect it as you copy your other Documents.