Dear Parents/ Guardians

Mobile-Learning 3.0 @ Crescent 2026

Thank you for coming aboard our Mobile Learning 3.0 (mLearning 3.0@Crescent) programme. We would like to share with you information about mLearning 3.0@Crescent 2026.

This letter includes the following items:

We would appreciate it if you could kindly submit the mLearning 3.0@Crescent 2026 Option Form through the **Parents Gateway mobile app** by **30th December 2025 (Tuesday).**

Should you have any queries on mLearning 3.0@Crescent 2026, please feel free to contact Mr Foo Wen Yeow, Subject Head/ICT, at 6708 7930 or at foo_wen_yeow@crescent.edu.sg.

Yours sincerely

Ms. Cindy Low
Principal

School Distinction Award

Best Practice
Teaching & Learning

Best Practice
Character & Citizenship Education

Best Practice
Student All-Round Development

Best Practice
Staff Well-Being & Development

Best Practice

PEOPLE DEVELOPER
SINGAPORE

SINGAPORE INNOVATION CLASS

SINGAPORE QUALITY CLASS

SCHOOL GREEN AWARDS
YELLOW FLAME AWARD

I. mLearning 3.0 @Crescent 2026 Timeline

Date/Day/Time	Activity
18 December 2025 (Thursday)	Secondary 1 Registration and mLearning 3.0@Crescent briefing
18 December 2025 – 30 December 2025	Indicate mLearning 3.0 @Crescent Option: Respond through **Parents Gateway (PG)**
18 December 2025 – 2 January 2026	*Application for Financial Assistance (For students requesting MOE* or SAC Financial Assistance)
18 December 2025 – 2 January 2026	Respond to the consent to order PLD and Use of Edusave Account Form for parents who opted for **Option 1a and 1b (MOE iPad Bundle)** thorugh **Parents Gateway (PG)**
19 January – 23 February 2026 (tentative)	Setting up of Students' Personal Learning Devices by CGS's ICT Support Team for **Option 2 and 3 (student-owned device)** [expected to be from 19 January onwards] • Consent from parents to install DMA • Enrolling into MOE DMA • Wireless access • Apps installation Further details will be provided later. For the purchase of MOE iPad bundle (Option 1a and 1b), collection estimated to be between mid to end of February 2026.

Parents with more than 1 daughter in Pri/ Sec/ JC need only submit 1 application to any one of their daughter's schools and submit a copy of the approval letter for 2026 to the remaining schools.

II. MOE iPad Bundle
(for parents choosing Option 1)

Specifications	iPad Tablets with DMA pre-installed
	iPad 11" (A16)
Screen Size	11"
Processor	A16 Bionic Chip
Storage	256 GB
Operating System	iPadOS
Apple Pencil Compatibility	Apple Pencil (1st Gen)
Enhanced bundle warranty	4-year carry-in warranty
Enhanced bundle insurance	4-year insurance
Accessories	Logitech Ruggedised Combo 4 (only keypad)

All prices below are estimated and to be confirmed by January 2026

Price of the device bundle (inclusive of GST)	**$1,023.40 (estimated)**
Amount of EduSave used	**$400^**
Cash	**Around $623.40**

^amount may varies depending on EduSave balance and for students in FAS. You may contact EduSave helpline to check your daughter's EduSave balance: 6260 0777 (24-hr automated hotline)
Other accessories for parents' consideration to purchase separately: screen protector, sticker for Apple pencil for greater personalization etc.

Use of Edusave. Students who are Singapore citizens can use their Edusave to pay fully or partly for the PLD, after setting aside provision for payment of miscellaneous fees. Parents/Guardians can also choose to pay cash for the PLD. MOE has provided Edusave top-ups from 2020 to 2023 to all eligible Singaporean students in primary and secondary schools. In 2025, MOE provided a $500 Edusave top-up for students aged 13-16 years old. This is on top of the annual Edusave contribution of $290 for secondary school students and $230 for primary school students.

Financial Assistance. Subsidies are available for students who require funding support to purchase a PLD. Please note that it is compulsory for all students on the MOE Financial Assistance Scheme (FAS) to use their Edusave to pay for any remaining sums due for the PLD, after subsidies have been granted. Please see the table below for information on the eligibility for the subsidy:

Students eligible for subsidy	Income criteria	How to Apply for Subsidy
Students under MOE FAS	Gross Household Income ("**GHI**") is $4,000 or less, or Per Capita Income ("**PCI**") * is $1,000 or less	No action required. Automatically subsidised for the PLD.
Students under School-based FAS	**GHI** is $5,500 or less, or **PCI** is $1,375 or less	Approach the school's General Office to apply for a subsidy.
Students who are currently <u>not</u> under the MOE FAS or School-based FAS	**GHI** is $5,500 or less, or **PCI** is $1,375 or less	Approach the school's General Office to apply for a subsidy.

*** PCI** refers to the GHI divided by the total number of family members in the household.*

To proceed with the purchase of the PLD, please provide consent for the purchase via the Parents Gateway (PG) notification. Parents who wish to use Edusave funds for the PLD (for Singapore citizens only), please submit the online Standing Order (SO) form via this link: https://go.gov.sg/edusaveformsgso by **2 Janunary 2026** if you have not done so previously. If you are unable to submit the online form, please approach the school for assistance or to request for a hardcopy form.

Collection of PLD for Option 1 MOE iPad Bundle We will inform you and your daughter/ward when her PLD is ready for collection. <u>You are strongly encouraged to select the default mode of collection</u> in the order form, <u>to allow your daughter/ward to collect her PLD in school</u>. The vendor will run through a device checklist with your daughter/ward at the point of collection to ensure that the device is in good working condition, and for your daughter/ward to verify the condition of the device.
If you are concerned that your daughter/ward will not be able to properly verify the condition of the PLD, please notify the school and arrange to either collect the PLD personally at the contractor's service/collection centre or appoint an adult proxy to do so.

III. Recommended Combo for the purchase of iPad
(for parents choosing Option 2)

Specifications	iPad Tablets (consent for DMA to be installed)	
	iPad Air 11" (M3) Wi-Fi	iPad Pro 11" (M5) Wi-Fi
Display	Liquid Retina Display	Liquid Retina Display
Screen Size	11"	11"
Processor	Apple M3 chip	Apple M5 Chip
Storage	256GB / 512GB	256GB / 512GB
Operating System	iPadOS 26	iPadOS 26
Camera	12MP Wide Camera	12MP Wide Camera
Bluetooth	Bluetooth 5.3 technology	Bluetooth 6 technology
Connections	USB-C port	USB-C port
Wireless	Wi-Fi 6E (802.11ax)	Wi-Fi 7 (802.11be)
Weight	460g	444g
Finish	Blue / Purple / Starlight / Space Grey	Silver / Space Black
Apple Pencil Compatibility	Apple Pencil Pro	Apple Pencil Pro

NOTE : The above list of models is not exhaustive. Parents' choice of iPad device can depend on various personal considerations (eg cost, weight) and preferences.

Recommended Combo for iPad Air 11" (M3) Wi-Fi
(for parents choosing Option 2)

	Recommendation for iPad Air
Device Storage	256GB (Wi-Fi)
Apple Pencil	Apple Pencil Pro
Warranty	Apple Care+
Case	Logitech Combo Touch (keyboard with trackpad) for iPad Air 11" Wi-Fi

Recommended Combo for iPad Pro 11" (M5) Wi-Fi
(for parents choosing Option 2)

	Recommendation for iPad Pro 11" (M5) Wi-Fi
Device Storage	256GB (Wi-Fi)
Apple Pencil	Apple Pencil Pro
Warranty	Apple Care+
Case	Logitech Combo Touch (keyboard with trackpad) for iPad Pro (M5) Wi-Fi

Additional Considerations

	Rationale	Check list
Protective cover / Screen Protector	A protective cover can offer extra protection from bumps and scratches. Getting a screen protector will help to safeguard your screen from scratches and help repel dust.	
AppleCare+ / Extended Warranty	The iPad comes with a 1-year standard limited warranty. With an extended warranty, it will help cover your device from hardware defects and malfunctions for 2 years. This is a decision parents will have to make **at the point of purchase** or **within 60 days** of iPad purchase. This gives peace of mind and assurance that the device will be in working condition for 2 years. It also provides additional coverage for accidental damage. Please check out accidental damage coverage offered especially for cracked screen. (Please note there will be service fee charged for each incident.) Please refer to https://www.apple.com/sg/support/products/ipad/ for more details.	

Prices and Payment Options Available in the Market
* Prices and payment options are accurate as of <u>November 2025</u> and are subject to change by retailers without prior notice. Please also note that the prices indicated are based on 9% GST.

Apple Online Store				
Model	**iPad Price**	**iPad Accessories**	**Warranty**	**Payment**
iPad Air 11" (M3) Wi-Fi	256GB – $899 512GB – $1349	Standard warranty: 1 Year AppleCare+ Plan: $119	Magic keyboard For iPad Air 11" (M3)– $399 Magic Keyboard For iPad Pro 11" (M5) - $449	• Credit Card • Offer 0% instalment plans for 12 or 24 months (DBS, OCBC, UOB, HSBC, SCB)
iPad Pro 11" (M5) Wi-Fi	256GB – $1499 512GB – $1799	Standard warranty: 1 Year AppleCare+ Plan: $219	Logitech Combo Touch for iPad Pro 11" - $299 Logitech Combo Touch for iPad Pro 11" (M5) - $339 Apple Pencil Pro – $199	• Credit Card • Offer 0% instalment plans for 12 or 24 months (DBS, OCBC, UOB, HSBC, SCB)
Apple Online Store Link: https://www.apple.com/sg/ipad/ **Note on Instalment plan** • Spend above $500 • Instalment orders must be placed via Telesales or Chat using OCBC, UOB, HSBC, SCB credit card				

Crescent Girls' School does not endorse any specific vendor, retailer, or mode of purchase.

OFFICIAL (CLOSED) \ NON-SENSITIVE

Prices and Payment Options Available in the Market
* Prices and payment options are accurate as of <u>November 2025</u>and are subject to change by retailers without prior notice. Please also note that the prices indicated are based on 9% GST.

		Challenger		
Model	**iPad Price**	**Warranty**	**iPad Accessories**	**Payment**
iPad Air 11" (M3) Wi-Fi	256GB – $809 512GB – $1109	Standard warranty: 1 Year	Magic keyboard For iPad Air 11" (M3)– $399 Magic Keyboard For iPad Pro 11" (M5) - $427 Logitech Combo Touch for iPad Air 11" (M3) - $269 Logitech Combo Touch for iPad Pro 11" (M5) - $299 Apple Pencil Pro – $160	• Payment Via Credit Card
iPad Pro 11" (M5) Wi-Fi	256GB – $1499 512GB – $1799	Standard warranty: 1 Year AppleCare+ Plan: $186.15		
Challenger Online Store Link: https://www.challenger.sg/apple/ipad/ipad-air				

Crescent Girls' School does not endorse any specific vendor, retailer, or mode of purchase.

Prices and Payment Options Available in the Market
* Prices and payment options are accurate as of <u>November 2025</u>and are subject to change by retailers without prior notice. Please also note that the prices indicated are based on 9% GST.

COURTS				
Model	**iPad Price**	**Warranty**	**iPad Accessories**	**Payment**
iPad Air 11" (M3) Wi-Fi	256GB - $798 512GB - $1368	Standard warranty: 1 Year AppleCare+ Plan: $119	Magic keyboard For iPad Air 11" (M3)– $399 Magic Keyboard For iPad Pro 11" (M5) - $449 Logitech Combo Touch for iPad Air 11" (M3) - $279	• Payment Via Credit Card • Flexiplans by Courts (Instalment). Refer to the link below for more details
iPad Pro 11" (M5) Wi-Fi	256GB - $798 512GB - $1368	Standard warranty: 1 Year AppleCare+ Plan: $119	Logitech Combo Touch for iPad Pro 11" (M5) - $299 Apple Pencil Pro – $158	
Courts Online Store Link: https://www.courts.com.sg/apple/ipad **Instalment Payment Plans by Courts** https://www.courts.com.sg/flexi-plans/types				

Crescent Girls' School does not endorse any specific vendor, retailer, or mode of purchase.

Prices and Payment Options Available in the Market

* Prices and payment options are accurate as of <u>November 2025</u> and are subject to change by retailers without prior notice. Please also note that the prices indicated are based on 9% GST.

	Harvey Norman			
Model	**iPad Price**	**Warranty**	**iPad Accessories**	**Payment**
iPad Air 11" (M3) Wi-Fi	256GB - $816 512GB - $1120	Standard warranty: 1 Year	Magic keyboard For iPad Air 11" (M3) – $399 Magic Keyboard For iPad Pro 11" (M5) - $449 Logitech Combo Touch for iPad Air 11" (M3) - $279	• Payment Via Credit Card • Offer 0% Instalment Payment Plans online. Up to 24 months. (DBS, UOB, AMEX)
iPad Pro 11" (M5) Wi-Fi	256GB - $1499 512GB – $1799	Standard warranty: 1 Year	Logitech Combo Touch for iPad Pro 11" (M4) - $299 Apple Pencil Pro – $158	

Harvey Norman Store Link:
https://www.harveynorman.com.sg/computing/tablets/apple-ipads/

Instalment Payment Plans by Harvey Norman
https://www.harveynorman.com.sg/customer-services/in-store-online-instalment-payment-plans.html?utm_source=google&utm_medium=cpc&utm_campaign=performance_max_evergreen&gad_source=1&gad_campaignid=18071243420&gbraid=0AAAAADM1MRqqotNxk1v31j6oe0C-m42pE&gclid=Cj0KCQiAiebIBhDmARIsAE8PGNLVODUPifAxZ56ZdX-VRvjUeG_csXVKQbZJqLg6mZbGvlnd4nQJ5rYaAIskEALw_wcB

Crescent Girls' School does not endorse any specific vendor, retailer, or mode of purchase.

IV. Coverage for iPad under AppleCare+
(Strongly Recommended)

AppleCare+ for iPad	Price Plan	iPad Accidental Damage Service Fee	Apple Pencil or Apple Branded iPad Keyboard Accidental Damage and Screen Damage Service Fee
iPad Air 11" (M3)	$119	$148*	$42*
iPad Pro 11" (M5)	$219		

	1 Year Limited Hardware Warranty	Coverage with AppleCare+
Coverage Period	1-year Limited Warranty Coverage	Extends the device coverage to 2 years from the AppleCare+ purchase date
Hardware Coverage	Apple-branded hardware product warranted against defects in materials	Device | Battery | Included Accessories Parts & Labour
Accidental Handling Damage Coverage	Warranty excludes damage resulting from accident or other causes that are not defects in materials and workmanship	Unlimited incidents of accidental damage protection, each subject to a service fee

*Prices may change without prior notice.

AppleCare+ Plan: Extends your iPad, apple pencil and Apple-branded iPad Keyboard coverage to 2 years from your AppleCare+ purchase date and includes unlimited incidents of accidental damage. For full terms and conditions, please refer to: https://www.apple.com/sg/support/products/ipad/

List of Software and Applications provided free by School (For All Students)

Software	Descriptions
Microsoft Office	**Microsoft Office 365 Pro Plus** will be provided for all students. In addition, students are given access to **online web applications** like Word, PowerPoint and Excel which are used pervasively during learning. Students can use Office 365 in school or at home if they have internet access.
Teams	Teams is an all-encompassing tool for students to consolidate learning resources, communicate with teachers and peers, and homework management. It empowers students to have better **self-management** and **collaboration** with peers.
OneNote Class Notebook	OneNote Class Notebook will be used by various subject teachers to disseminate **lesson materials** to students. It serves as a powerful tool for students to **create and curate their own learning notes**.
Multimedia Editing Apps (for e.g. Canva, Procreate, CapCut etc.)	Multimedia editing apps will be used pervasively in **Lower Secondary Computer Education Programme (LSCEP)** to develop core ICT skills e.g., video editing, digital drawing and design, animation etc.

Schools will progressively roll out ICT applications that will be vital for students' teaching and learning. These include:

a) Student iCON: Every secondary school student will be provided with access to the Google Suite set of tools, including email address.
b) Microsoft ProPlus: Every secondary school student will be able to use Microsoft Office tools that include Word, PowerPoint, Excel and email address from school.

The school is required to use your daughter's/ward's full name, Student iCON ID and class to set up user accounts. The school may also choose to roll out applications other than those listed above.

VI.   Acceptable Use Policy (AUP) on the Use of Personal Learning Device (PLD)

While we recognise that advancement in technology has opened up new learning opportunities for the current generation of students and has made learning come alive, parents and students need to be aware of the possible dangers when technology is abused. As part of our proactive approach to help our students to navigate the technology-rich environment, we have a comprehensive Cyber Wellness programme in the school. Your daughter/ward will undergo these lessons in the coming weeks. One useful strategy in Cyber Wellness is for the school and parents to communicate explicit expectations on the use of computers to ensure that students derive optimal benefits from using the PLD responsibly.

We have identified some useful guidelines for parents to use in guiding their daughter/ward on the responsible use of technology and monitoring their usage at home. These guidelines are summarised in a contract attached for your consideration. If you find the contract useful, you may wish to go through the terms of the contract with your daughter/ward. You may use this to engage your daughter/ward on the issues of priorities, hours of leisure usage, internet security and intellectual property rights. At the end of the discussion, you can sign the document upon reaching a mutual understanding. This can be a symbolic agreement you both come to, which you can reference in the future.

We believe that the close partnership between parents and the school will ensure that your daughter/ward grows in character as she learns to use the PLD in a responsible and effective manner.

Acceptable Use Policy (AUP) of Personal Learning Device

Please tick the respective boxes that reflect the agreement you have arrived at.

I, _____ (daughter's name) **promise to:**

INTERNET & COMPUTER USAGE

☐ spend less than _____ hours _____ minutes on leisure activities (e.g. gaming/internet chatting/social media) per day on a *weekday*.

☐ spend less than _____ hours _____ minutes on leisure activities (e.g. gaming/internet chatting/social media) per day on a *weekend*.

INTERNET SECURITY

☐ always tell my parents immediately if I see or receive anything on the Internet that makes me feel uncomfortable or threatened, including e-mail messages and websites.

☐ never agree to meet anyone in person that I have met online, without my parents' permission.

☐ never post any information about myself on the Internet that could enable a stranger to identify me. This includes my name, my address, my school name, my CCA etc.

☐ never send/post pictures of myself, my family members, or my friends to other people on the Internet or via email without first checking with my parents.

☐ never give out my Internet passwords to anyone (even my best friends) other than my parents.

☐ never store, modify, create or share content (e.g. documents, presentations, pictures and videos) that is inappropriate (e.g. indecent, pornographic, defamatory, hurtful to self or others).

☐ never perform any monetary transaction, including ordering, buying, or selling items without first seeking permission from my parents.

☐ never gamble online as it is illegal for an under-aged individual to gamble.

INTELLECTUAL PROPERTY RIGHTS

☐ respect the intellectual property rights of others and not make illegal copies or download other people's work e.g. music, video games and other programmes.

USING ARTIFICIAL INTELLIGENCE (AI)

☐ ensure meeting the minimum age requirement specified in each AI tool's age restriction before using it

☐ acknowledge the use of AI in assessments and homework as required *if the use of AI is permitted*

☐ practice academic integrity and be responsible for own learning when using AI

PERSONAL LEARNING DEVICE CARE

☐ take responsibility for the ownership of the PLD – preventing physical damage through negligence and locking up PLD to prevent theft/misplacement.

☐ make a regular routine to maintain the functions of the PLD e.g., deleting unnecessary files and documents, defragmenting hard disk, and backing up important data.

List down other promises that are not listed above:

☐ _____

☐ _____

☐ _____

Name of parent/guardian: _____

Name of daughter: _____

Date: _____

Class: _____
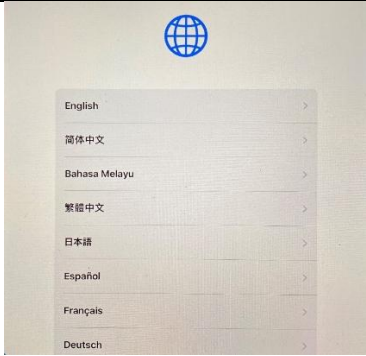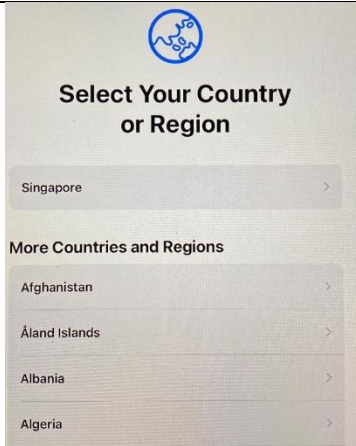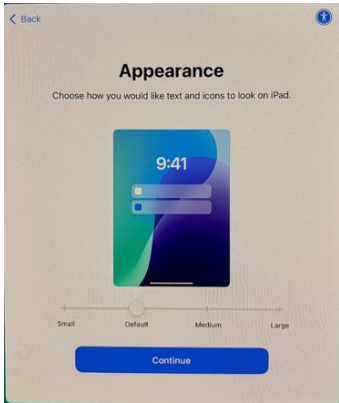
Signature: _____

Date: _____

Signature: _____

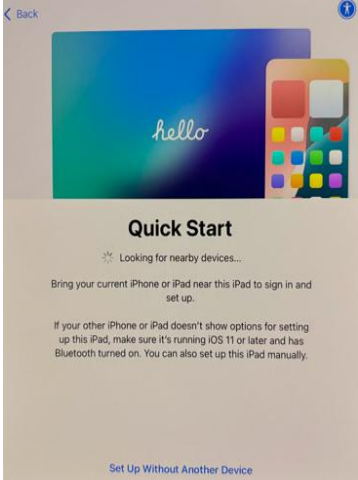# VII. Set-up Guide for Parents Opting for Option 2 and 3
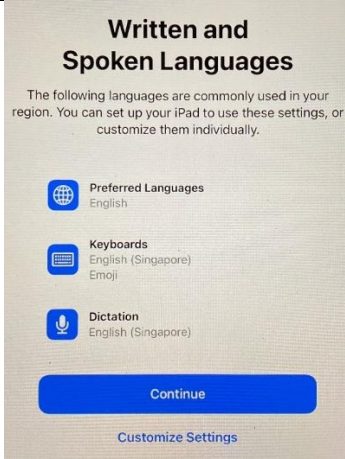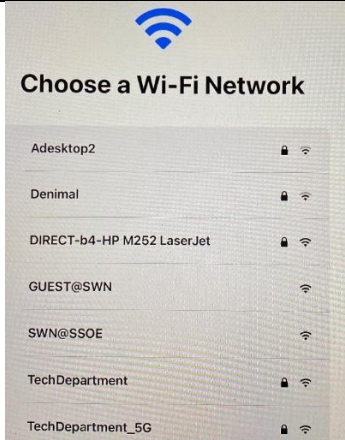
Pre-requisite Checklist

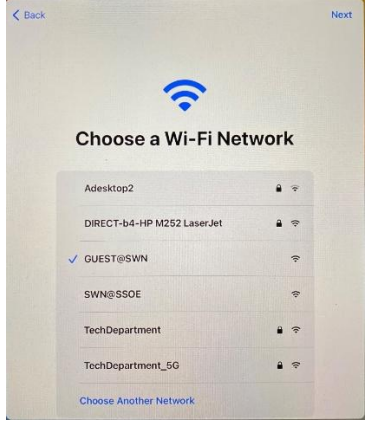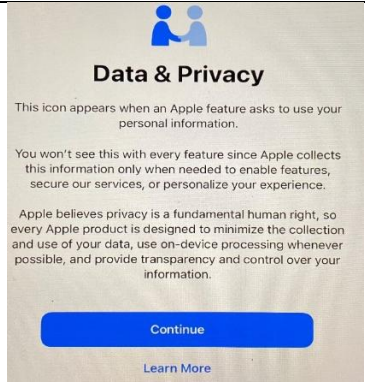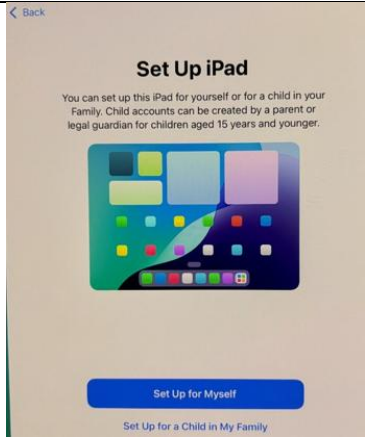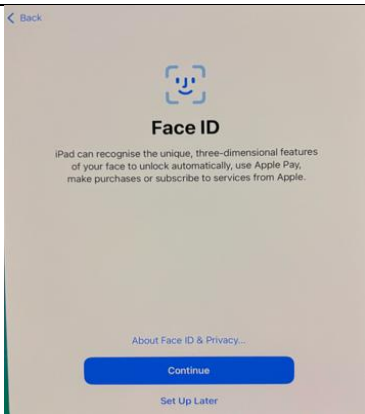| Items	Checklist
Physical defects (LCD scratches, dead pixels, dents etc.)	
iPad and bundled accessories are included in the box	
iPad and accessories are in good working condition (device can be turned on and charged)	

Setting-Up iPad
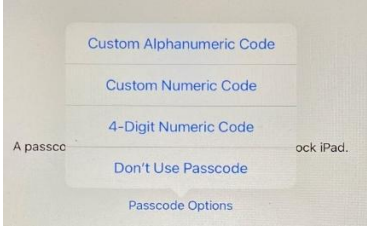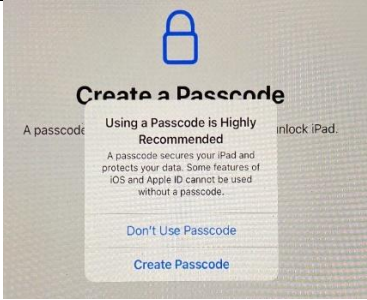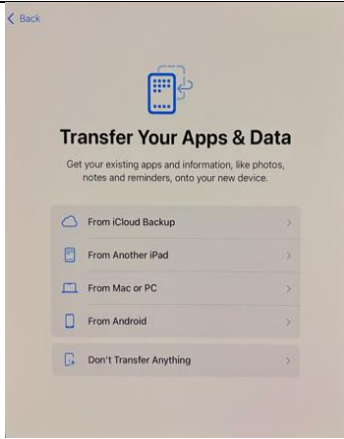
- Please refer to the set-up guide attached below.

- Update to latest iPadOS when you are prompted.

  - This is a key step to help to speed up the enrollment of your daughter's device into MOE DMA

- **Do not** log into Apple ID or download apps from App store.

  - Your daughter will be provided with a school managed Apple ID which comes with 200 GB iCloud storage.

  - Your daughter's device will be reset to factory default to be enrolled into MOE DMA

- **Do not** set device passcode or touch ID.

  - Your daughter's device will be reset to factory default to be enrolled into MOE DMA
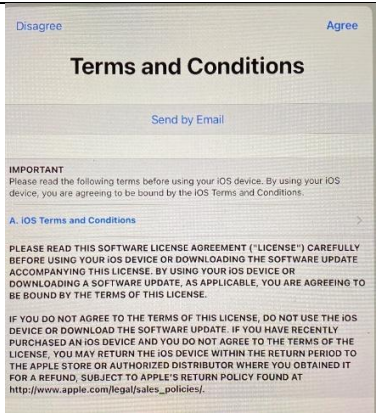
iPad Set-Up Guide (for Option 2 and Option 3)
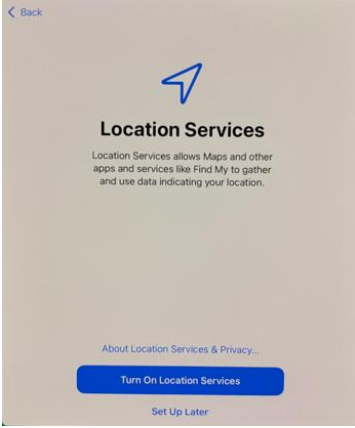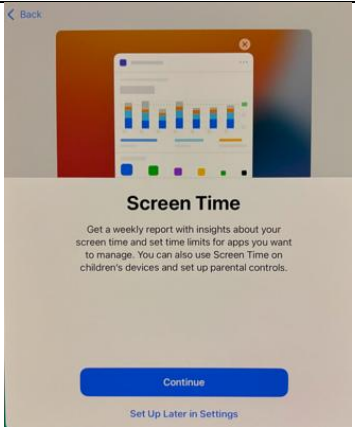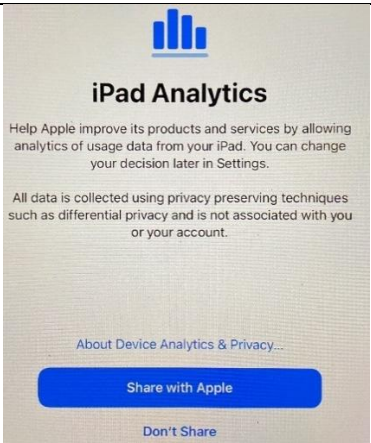
Step 1	Select English	
Step 2	Select Singapore	
Step 3	Click Continue	

OFFICIAL (CLOSED) \ NON-SENSITIVE

Step 4	Click Set Up without another device	
Step 5	Select Continue	
Step 6	Select your home Wi-Fi network	
Step 7	Enter your home Wi-Fi password and click Join	
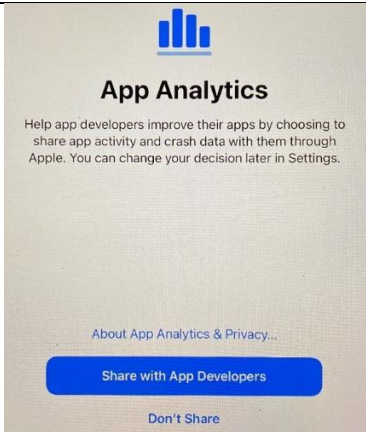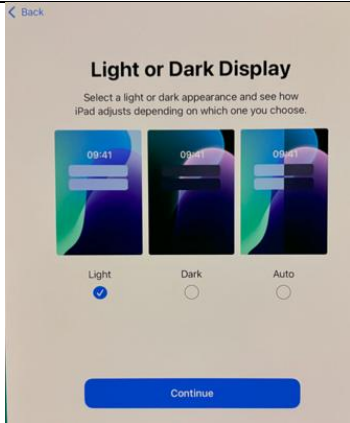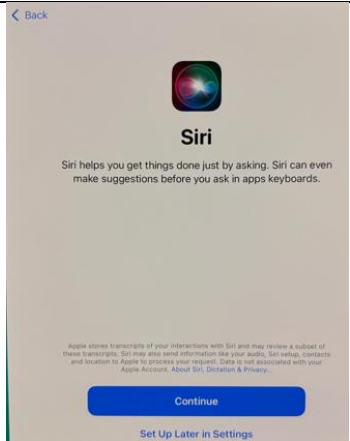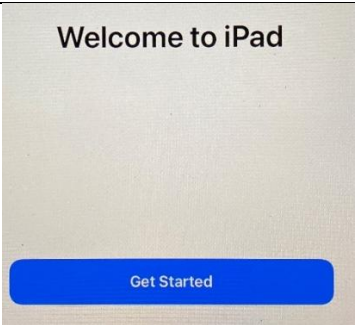
Step 8	Click Next to proceed with iPad activation Wait for the iPad to complete activation. It might take a few minutes	
Step 9	Take note of the Data & Privacy before selecting Continue	
Step 10	Select "Set Up for Myself"	
Step 11	Select "Set Up later"	

OFFICIAL (CLOSED) \ NON-SENSITIVE

Step 12	Click on "Passcode Options"	
Step 13	Select "Don't Use Passcode" Your daughter will be guided to set-up passcode **after** we have enrolled her device into DMA	
Step 14	Select "Don't Use Passcode" Your daughter will be guided to set-up passcode **after** we have enrolled her device into DMA	
Step 15	Select "Don't Transfer Anything"	
Step 16	Select "Forgot password or don't have an Apple ID" Your daughter will be provided a school managed Apple ID which comes with 200GB iCloud Storage	

Step 17	Select "Set Up Later in Settings" Your daughter will be provided a school managed Apple ID which comes with 200 GB iCloud Storage	
Step 18	Select "Don't Use" Your daughter will be provided a school managed Apple ID which comes with 200 GB iCloud Storage	
Step 19	Take note of the Terms and Conditions and then Click "Agree" to continue	
Step 20	Click "Continue"	

Step 21	You may select "Enable Location Services" or Set Up Later	
Step 22	Please select "Set Up Later in Settings"	
Step 23	You may select "Share with Apple" or "Don't Share"	

Step 24	You may select "Share with App Developers" or "Don't Share"	
Step 25	Select Light or Dark and click Continue	
Step 26	Select Set Up Later in Settings	
Step 27	Click Get Started	

Step 28	**We are done** ☺ Please update to the latest iPadOS when prompted to update	

VIII. mLearning 3.0@Crescent 2026: Frequently-Asked Questions

1	**Can my daughter not purchase the device?**
	Every student is required to have a device for teaching and learning purposes and is encouraged to purchase one. Students are encouraged to use the device model prescribed by the school, as the uniformity of systems and software would ensure a smooth learning experience for everyone. The device purchased through the school will come with the necessary warranty and insurance as well. Students who do not wish to purchase a device because they already have their own devices will have to check with the school to ascertain whether the specifications of their existing devices meet the schools' requirements. These existing <u>devices must also be installed with a Device Management Application (DMA)</u> software to manage the student's access and usage.
2	**Do all students in a school have to use the same device? What about students who opt out of using the school-selected device and wish to use their own? How will this affect their learning?**
	Students are encouraged to use the model prescribed by the school for a smooth learning experience. If students wish to use their own devices, these devices must meet the necessary specifications stated by the school. They must also be willing to let the school install Device Management Application (DMA) software to manage the device, like all school-selected devices (in CGS, the iPad). If parents have questions about the devices, they can approach their daughter's teachers or school leaders for assistance.
3	**Why are students recommended iPad and not laptops or other computing devices?**
	i) The key advantage of the iPad is the mobility and inking feature. These features allow students to learn on-the-go yet retain the experience of writing like using paper and pen/pencil. This is a powerful combination, allowing the integration of technology into the learning tools that students are used to. ii) Using various learning applications, students can also write, draw, create mind-maps, etc. This caters to a wide variety of learning styles, allowing students to maximise their creativity, and offering them interesting alternative ways of learning. iii) The iPad is encouraged as blended learning is a key pedagogical feature in Crescent. There are learning activities indoors as well as outdoors. The iPad can provide the mobility when students are involved in outdoor learning activities such as learning trails. iv) The iPad is also lighter as compared to other computing devices. This can minimize strain on students when they carry the device around.
4	**How does the school ensure that the students take care of their Personal Learning Devices (PLDs) properly?**
	i) Briefing and reminders are conducted by the Year Head. ii) All Secondary One and Two students attend the Lower Secondary Computer Education Programme (LSCEP). Teachers and Trainers in this programme regularly teach and remind students on the proper use and care of their PLDs. iii) For example, students will learn that they should not leave their PLDs unattended at any point of time; they should lock the PLDs in the hardy padlock lockers provided by the school. This is a good opportunity for students to learn how to take care of their possessions. iv) We strongly encourage parents to purchase coverage for accidental damage (AppleCare+) for their PLDs, especially for cracked screens. v) You may also find the school rules on the use of PLD in the Student Handbook. Students will be informed of the school rules at the start of the year.

OFFICIAL (CLOSED) \ NON-SENSITIVE

5	How are PLDs used in lessons now?
	i) mLearning@Crescent started in 2004. All our teachers are proficient in harnessing InfoComm Technology (ICT) in their teaching to bring about engaged and deep learning. ii) Apart from the PLDs, students will be empowered with access to a wide range of online resources and learning applications, customised to suit the different learning needs and styles of students. iii) Students will also be completing and submitting digital assignments via school online applications like the SLS (Student Learning Space), OneNote Class Notebook, Teams etc. iv) However, it is important to note that technology is used only when it is purposeful and adds value to the subject matter. The school does not aim to force lessons to fit the medium.
6	Having their PLDs with them, are students able to pay attention during lessons? Do they surf the net or play games or chat during lessons?
	i) Teachers can control the usage of students' PLDs when necessary to capture the attention of students using Classroom Management tools for e.g. JAMF CMS while the teacher is instructing and teaching. ii) Common applications (chat engines and games) and URLs (Facebook and Twitter) can also be blocked. As the list of blocked sites is easily customised, it can be updated in response with the youth trends. i) The school will also conduct a Cyber Wellness Workshop for parents to work with them to instill in our students' healthy habits in their PLDs.
7	What happens to the device after my daughter graduates?
	The school will uninstall the DMA from the devices upon students' graduation, and students will have full control and personal ownership over their devices afterwards. If the student's device needs to be installed with DMA in JC/MI, it can be reinstated.
8	Which option should we choose?
	Parents can choose from Option 1, 2 or 3 below: Option 1a: MOE iPad Bundle using EduSave Option 1b: MOE iPad Bundle using cash Option 2: Purchase new iPad on your own (DMA will be installed on the device) Option 3: Use existing iPad (subject to DMA compatibility and DMA will be installed on the device) It is entirely your choice to choose the best and most suitable iPad for your daughter. If your daughter would like to use her existing iPad for learning, she can bring the device to the TA (Technical Assistant) Office to enroll into MOE DMA and installation of necessary applications (for e.g., Teams, OneNote etc.)
9	Can parents approach the tenderer to make separate purchases for MOE iPad Bundle (Option 1)?
	No. The purchase of PLDs, and peripheral accessories, e.g., keyboard and Apple Pencil, riding on the MOE Device Bulk Tender must be made through the schools. The schools will make their professional decision on the suitable specifications of the device model and accessories that best meets their teaching and learning requirements.
10	Is AppleCare+ necessary for parents opting for Option 2; Purchasing new iPad on our own?
	It is strongly recommended. A summary table for the cost of AppleCare+ and the coverage is shown on page 12. AppleCare+ provides coverage for accidental damage (with terms and conditions) which could be helpful especially for cracked screens.

11	Will my daughter be allowed to store the device in school overnight? Where will students keep their devices when they go for recess or PE lessons?
	Students are expected to secure their devices in their own lockers/bags and lock the classroom doors when they are away from their classrooms. Students should bring home the devices at the end of the school day so that they can utilise the device for learning at home.
12	What support is provided by the school?
	The school will provide support in terms of software installation and technical assistance. Your daughter will also pick up ICT skills during the Lower Secondary Computer Education Programme (LSCEP) and develop healthy habits in their PLDs through the Cyber Wellness programmes.
13	Can my daughter / ward use her personal Apple ID on her PLD?
	School will be assigning a Managed School Apple ID for all students in Crescent which comes with 200GB iCloud storage for sharing documents (in school) and back-up. This Managed School Apple ID will also add students into Apple Classroom, for classroom management and teachers to share learning resources with students. Your daughter may still sign-in to her personal Apple ID on her PLD, if you have opted for Option A or B for after-school hour DMA setting. However, your daughter will need to log-out of her personal Apple ID and log into her Managed School Apple ID before school starts every day.

IX. Functions and features of the Device Management Application (DMA)

This section will provide you with more information on the Device Management Application (DMA), a software that MOE will be installing in all PLDs to provide students with a safe and conducive digital learning environment. Please note that the PLD will have to be **installed with a Device Management Application (DMA)** before your daughter/ward can bring the device to school for her learning. The Device Management Application (DMA) solution for iPad PLDs is Jamf.

Option 1 MOE iPad Bundle
The MOE DMA will be pre-installed in the device for students opting for Option 1, MOE iPad bundle.

Option 2 and 3 (Purchasing new iPad / using existing iPad)
The school will be seeking parent's consent to install the MOE DMA. Only devices with the MOE DMA installed can be used for teaching and learning in school. By giving consent, you agree to the following:

(a) that you/your daughter/ward* is responsible for backing up all data, including software and applications, on the device prior to installation;

(b) that as a factory reset of iPads is required for the installation of DMA, you consent to the device being restored to its factory settings;

(c) that you/your daughter/ward* is responsible for restoring all data, including software and applications, on the device if required; and

(d) that you/your daughter/ward will not hold the Ministry of Education, the school or any of its employees liable for any data loss that may occur in connection with the installation of the DMA, or any consequential losses flowing from such data loss.

Please take note of the following to ensure a smooth installation process:
- Please ensure that your daughter/ward has the necessary passwords to access the device and allow installation of the DMA during the session. This includes the password to unlock the iPad and 'Find My iPad' service disabled.

- Apple requires a factory reset to install the DMA on iPads. As such, please ensure that all data (including any software or applications) on the device is properly backed up before the session. The School's DMA Administrator will not be performing the backup for your daughter/ward – you will need to do this separately. Please refer to the guide below:
    o Back-up: https://support.apple.com/en-sg/HT204136
    o Factory reset: https://support.apple.com/en-sg/HT201274

Information on DMA Settings

The following default DMA settings determined by MOE and the school will be in place both during and after school hours:

- Web content filtering including social media sites, pornography, gambling, extremist and violence-related sites to ensure cyber safety for our students
- PLD usage time will be set to 6.30 am – 10.30 pm to help manage screen time
- School will determine the apps and programs to be installed in the PLD to support teaching and learning

In rolling out the PLD, MOE is acutely aware of concerns regarding students' cyber-wellness. The DMA allows the school to manage this, by

- collecting data on usage by the student, such as the amount of time spent on each application,
- monitoring, filtering and limiting the type of websites accessible to the student, and
- placing restrictions on students' screen time to prevent cyber addiction.

To support you in keeping your daughter/ward safe online, you may refer to these additional resources:

• Parent Handbook (I) and (II) on Learning with a PLD – attached in Parents Gateway

• Parent kit: https://www.moe.gov.sg/-/media/files/parent-kit/parent-kit---raising-a-digitally-smart-child.pdf

• Bite-sized tips and advice via Parenting with MOEsg Instagram: https://go.gov.sg/parentingwithmoesg

• Resources from MOE and other agencies (available on resources repository in Parents Gateway)

• Parenting for Wellness Toolbox for parents: https://go.gov.sg/pfw-toolbox-for-parents (page 43 - 60 – Navigating the Digital Age)

• MOE Cyber Wellness webpage: https://www.moe.gov.sg/education-in-sg/our-programmes/cyber-wellness

OFFICIAL (CLOSED) \ NON-SENSITIVE

The DMA has a variety of functions that will support the use of the PLD in the classroom, as well as safeguard students' cyber-wellness. The DMA has 3 main components:

Functions	Details
1. Mobile Device Management Service This facilitates the **updating and management of the PLDs**, **protects PLDs from malicious software**, and **protects your daughter/ward from objectionable internet conten**t, or **content that may not be conducive to teaching and learning during school hours**.	• Facilitates automatic installation of apps required for teaching and learning • Filters objectionable content or content that may not be conducive to teaching and learning (e.g. social media, pornography, gambling, or websites containing extremist content) • Protects your daughter's/ward's PLD from security vulnerabilities through the automatic updating and patching of apps and device Operating System (OS)
2. Classroom Management Service Enables teachers to **manage the student's use of the PLD** during lesson time to improve classroom management and support effective teaching and learning. Teachers will only monitor students' activities during lessons.	During lessons, teachers will be able to: • Guide and monitor students' use of devices (e.g., lock or unlock screen to redirect students' attention or screen sharing) • Launch specific applications and/or websites for teaching and learning on your daughter's/ward's device • Facilitate the sharing of content
3. Usage Management Service Enables the school and/or parents/guardians* to **better supervise and set helpful limits for your daughter's/ward's use of PLD after school**. *Only available for parents/guardian on Default Option and Option A*	• Screen time control ensures that your daughter/ward does not use the PLD excessively • School and/or parents/guardians can control installation of applications to ensure that the device is used optimally for teaching and learning • Safe search and web content filtering protect your daughter/ward from harmful content • Parents/Guardians can monitor usage and activities by daughter/ward

X. After-School Hours DMA Options[1]

The settings in Section IX will govern the use of PLDs for in-school use. For parents/guardians who prefer that your daughter/ward uses the PLD solely for teaching and learning after school hours, **no further action is required.** The in-school DMA settings ("Default Setting") in Section IX will continue to operate after school hours.
Parents/guardians who prefer alternative DMA settings can choose from the following options for use of the PLD after school hours:
- Option A: Parents can modify DMA settings after school hours.
- Option B: Parents can disable the DMA after school hours.

Parents/guardians who wish to choose Option A or B are to complete the online option form through the following link: https://go.gov.sg/cgsdmaoptions**.** Your selected DMA after-school option will take effect, after your daughter's / ward's device is enrolled into MOE DMA, latest by mid-March.

You can request to change your choice of DMA settings at any time, using the same link (https://go.gov.sg/cgsdmaoptions). However, changes to the DMA after-school options will only take effect at the end of each term.

The DMA setting during school hours will be determined by the school, with parents/guardians given a choice to opt for alternative DMA settings after school hours. The following table outlines the different levels of restrictions, controls and monitoring for the different DMA options after school hours.

	Default Setting (This will apply if no Alternative Setting is chosen)	**Alternative Setting: Option A** (DMA settings can be modified)	**Alternative Setting: Option B** (DMA will be inactive **only** after school hours)[2]
	For parents/guardians who want their child's/ward's use of the PLD to be restricted only to teaching and learning and prefer to leave it to the school to decide on DMA settings after school hours.	For parents/guardians who prefer to take charge of the level of restrictions for their daughter's/ward's use of the PLD after school hours regulated by the DMA.	For parents/guardians who do not want their daughter's/ward's use of the PLD after school hours to be regulated by the DMA at all.
Protects students from objectionable content	Web content filtering will include, but not limited to, the following categories: Violent/extremist content Sexual/pornographic content Gambling-related content Suicide/self-harm content Cyberbullying content	Parents/Guardians will be able to include additional web content filtering using the Jamf Parent app. However, parents cannot allow access to web content that is filtered out under the Default Setting.	No content filtering at all after school hours.

---

[1] Please note that software features are subject to change and may be improved or updated over time.
[2] No data will be collected after school hours when the DMA is inactive.

Reduce distractions from learning through control of applications	Parents/Guardians and students will **not** be able to install additional applications.	Parents/Guardians and/or students will be able to install additional applications after school hours by signing in to the Apple App Store using their personal Apple Accounts. Applications installed by parents/guardians and/or students after school hours *will not* be accessible during school hours. Parents/Guardians can limit access to applications that they install on the device.	Parents/Guardians and/or students will be able to install additional applications after school hours by signing in to the Apple App Store using their personal Apple Accounts. Applications installed by parents/guardians and/or students after school hours *will not* be accessible during school hours.
Limit screen time	The school will define the specific hours during which the student can use the device.	Parents/Guardians can modify the amount of screen time for their child/ward by setting the PLD sleep hours to 1 prescribed time between 3pm – 10.30pm. This can be done on the Jamf Parent Application.[3] *Parents/Guardians can determine the duration of use of specified applications.*	No limitation on duration of screen time. after school hours. Sleep hours are not enforced[4].
Monitor students' cyber activities	Parents/Guardians will <u>not </u>be able to track their child's/ward's browser history due to Apple's Privacy Policy.		
Provision of Parent Account	**X**	√	**X**

The after-school hours are as follows:

---

[3] During school hours, the screen time limits set by the school will override parents/guardians' settings.

[4] It is not recommended to install other parental controls (e.g. Apple's Family Sharing/Screen Time) as this could result in conflicting settings between school and parent controls. It may result in unexpected issues where some controls such as screen time restrictions may not work as intended.

	School hours	After-school hours
Regular school days	Default settings between 6:30 am to 3 pm	Parents'/Guardians' after-school option between 3pm to 6.30am
Weekends and School Holidays	Parents'/Guardians' After-School DMA Option for the whole day	

Parents/Guardians may wish to consider the following questions before deciding on the choice of after-school DMA option which is best for your daughter's/ward's learning.

a.   Daughter's/Ward's current device usage habits
   o How much time does my daughter/ward spend on her device?
   o How well is my daughter/ward able to regulate her device usage on her own?
   o Does my daughter/ward get easily distracted while doing online learning?

b.   Parental/Guardian involvement
   o How confident and familiar am I with managing my daughter's/ward's cyber wellness?
   o Are there existing routines and open conversations on the use of the Internet at home?
   o Am I aware of how to prevent different types of cyber threats that my daughter/ward might face?

XI. Privacy and Data Security

We would like to assure parents/guardians that the DMA only collects information required to facilitate an environment conducive to teaching and learning, and to encourage good online practices. The DMA <u>does not collect</u> the following data:

- Login IDs and passwords entered into websites or into any applications
- Actions performed (e.g. posts, online comments, items added to a shopping cart, etc.) when visiting websites and using apps
- Documents and photos stored in the PLD
- PLD location
- Webcam videos and microphone recordings

The information collected by DMA will be accessible by the following personnel:

	Appointed Admin from MOE HQ and school	DMA Vendors	Teacher	Parent/ Guardian
<u>Data for DMA Administrative Purposes such as:</u> • Students' and parents'/guardians' information (Name, school name, email addresses, and class) • Apps installed in your daughter's/ward's PLD • Device and hardware information (e.g. device model, storage space)	Y	Y	Y	Y[5]
<u>Data for web content filtering[6] such as:</u> • URLs accessed on the PLDs (*Actions performed on websites are **NOT** captured)* • Date and time that a website is accessed • Student profile (Name, School name)	Y	Y	N	N
<u>Data for ensuring that installed apps are updated and functioning properly such as:</u> • Installed apps and programs • Date and time that the apps and programs were last updated • Application error data	Y	Y	Y[7]	N
<u>Data for Sharing Students' Screen:</u> • Only the streaming of 'live' screen view, which will be accessible only during class. (*The screen view will **NOT** be stored*)	N	N	Y	N

Note: No data is collected after school hours for Alternative Setting: DMA After-School Option B.

---

[5] Only parents/guardians who chose Option A for the After-School DMA Parent Option will have access of their daughter's/ ward's information i.e. student's name and email address, and the applications installed on the PLD.
[6] Only aggregated web browsing history can be retrieved which does not reference to specific user.
[7] Teachers will not have access to the application error data.

To prevent unauthorised access, DMA Administrators and DMA Vendors will be required to access their accounts using 2-factor authentication or the equivalent to ensure proper accountability for information access and other activities performed. There will be regular account reviews and audits for DMA Administrators' and DMA Vendors' accounts.

All user data collected through the DMA will be stored in secure servers managed by appointed DMA Vendors with stringent access controls and audit trials implemented. The DMA solutions used are cloud-based Software-as-a-Service (SaaS) solutions and are trusted solutions that have been operating for many years. They have also been subjected to regular security review and assessment by independent reviewers.

MOE has assessed and concluded that the DMA solutions have sufficient security robustness to ensure data collected are properly stored and protected. MOE will also subject the DMA Vendors to regular audit on the security of the system based on tender requirements.

<u>Data collected and managed by the IT Applications</u>

IT Applications. For the IT Applications (Student iCON and Microsoft ProPlus), the school will use your daughter's/ward's personal data such as her full name, birth certificate number and class to set up user accounts. This data will also be used for the purposes of authenticating and verifying user identity, troubleshooting and facilitating system improvements. In addition, the commercial providers of these platforms (e.g. Google, Microsoft) will collect and deal with user data generated by your daughter's/ward's use of these applications. The collection, use and disclosure of such data are governed by the commercial provider's terms of use, which can be found here:

- Student iCON: https://workspace.google.com/terms/education_terms.html
- Microsoft ProPlus: https://portal.office.com/commerce/mosa.aspx

All user data which is collected by MOE will be stored in secure servers managed by the respective vendors of our systems. The Government has put in place strong personal data protection laws and policies to safeguard sensitive data collected by public agencies such as MOE. Please refer to this website for more information on these laws and policies: https://www.mddi.gov.sg/gov-personal-data-protection-laws-and-policies/

OFFICIAL (CLOSED) \ NON-SENSITIVE