

LOYANG VIEW SECONDARY SCHOOL

A Community of Lifelong Learners, Future-Ready Leaders & Active Citizens

PLD Initiative Webinar For Sec 1 Parents



15th Jan 2025





CONTENT for Today

- Overview of the National Digital Literacy Programme and the PLD Initiative
- Learning with a PLD@LoyangView
- Supporting Students in the Safe and Effective Use of the Devices
- Role of the DMA in Providing a Safer Digital Environment for Learning
- Device and Funding Information
- What's Next
- Q&A (if time permits)

Introduction and ICT Updates

ICT Team in Loyang View Secondary School

<u>Name</u>	<u>Appointment</u>	<u>Office Extension</u>
Mr Koe Soon Guan	Head of Department / ICT	Ext 193
Mr Ronald Tan	Subject Head / ICT	Ext 197
Mr Ram	ICT Manager	
Mr Din	Desktop Engineer (DE)	

Overview of the National Digital Literacy Programme



The National Digital Literacy Programme (NDLP)

1. The NDLP was launched in March 2020 to help students **strengthen their digital literacy and acquire digital skills** needed to navigate an increasingly digitalised world.
2. Under the NDLP, every secondary school student will **own a school-prescribed Personal Learning Device (PLD)**. Students may use funds from their Edusave Account to pay for the PLD.

Intended Outcomes of the PLD Initiative

The use of the PLD for teaching and learning aims to:




**Support the Development
of Digital Literacy**



**Support Self-Directed
and Collaborative
Learning**



**Enhance Teaching and
Learning**



Learning with a PLD

Loyang View Secondary School



How will your child/ward use the PLD?

At Loyang View Secondary School, your child/ward will be using the PLD for his/her teaching and learning during lesson time.


Smart (mobile) phones are **not allowed** to replace PLD for teaching and learning during lesson time.

Usage of mobile phone is strictly forbidden during lesson time.

Under school rule 5.7 stated in student handbook / school website:

“All students are to put their mobile phones in their lockers during lesson. Students are only allowed to use their phones during recess, lunch, and after school.

Misuse of mobile phones during lessons would lead to the confiscation of students’ phones.”

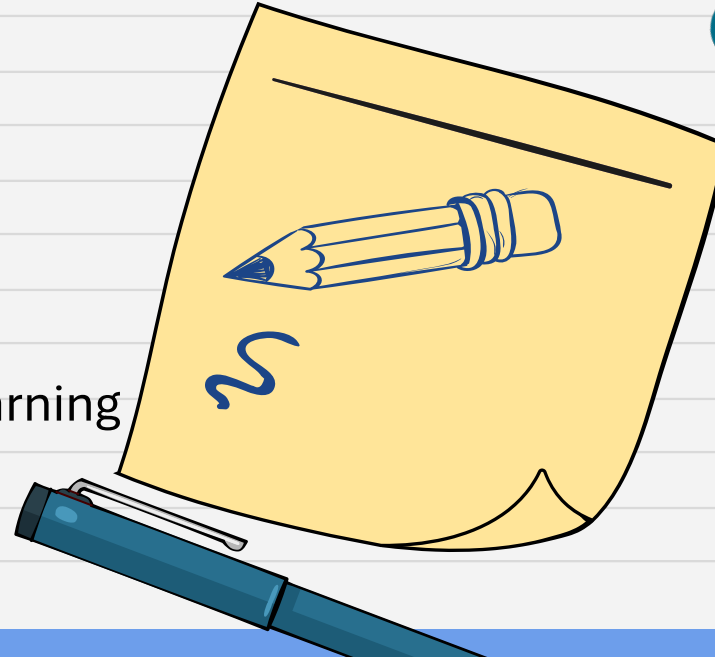


Supporting Students in the Safe and Effective Use of the Devices

Supporting Students in the Safe and Effective Use of the Devices

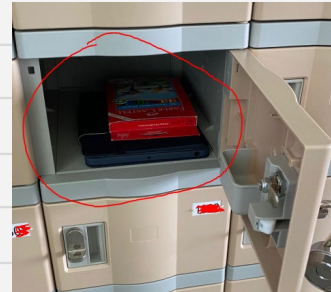
The school has measures in place to enable a safer digital environment for learning with the use of PLDs, e.g.

- Classroom management and routines
- Educating students on Cyber Wellness
- Partnering parents/guardians to support students in their use of technology for learning
- Device Management Application (DMA)



Classroom Management and Routines

- PLDs need to be brought to school on a daily basis.
- Smart phones should not be used for classroom lessons with the availability of PLDs. (e.g. Kahoot, SLS, Quizizz, Padlet)
- Lockers placed just outside the classrooms can be used to keep the PLDs during school hours when not in use. Each student will be issued a locker and combination padlock.
- iPads should be charged adequately (should charge when it reaches less than 40%) at home before bringing to school.



Cyber Wellness Education in CCE



Educating students on Cyber Wellness

MOE has made significant changes to the Character and Citizenship Education (CCE). Cyber Wellness lessons will feature significantly in the CCE2021 lessons.

Topics covered in the Cyber Wellness lessons include:

- Cyber Use
- Cyber Identity
- Cyber Relationships
- Cyber Citizenship
- Cyber Ethics

Cyber Wellness Education in CCE



Throughout their Secondary School education, students will learn about:

- Balanced use and self control
- Cyber bullying and Upstanding
- How to be a positive influence online
- How to handle online falsehoods
- How to manage social media (peer influence, emotions, echo chambers)
- Online relationship and Online safety (grooming, self disclosure)
- To respect intellectual property rights

Parents'/Guardians' Role

- We would like to partner parents/guardians so that that students are well supported in their use of technology for learning.
- As parents/guardians, you can help in the following ways:
 - Model good digital habits for your child/ward e.g. parents/guardians not using devices during family meals.
 - Know your child/ward well, and have conversations with your child/ward about safe and responsible use of technology.
 - Discuss and come up with ground rules for internet/device usage that both your child/ward and you can agree with.
 - Encourage your child/ward to use productivity tools using his/her PLD, to organise information and simplify tasks for efficiency.

Role of the DMA in Providing a Safer Digital Environment for Learning



What is DMA?

- The iPad Device Management Application (DMA) solution, Jamf, will be installed on all students' devices to provide a safe learning experience for students. The DMA will be funded by MOE.
- DMA will be installed after the collection of the device. Students will be guided on the installation.
- The installation of DMA applies to both devices purchased through the school and any student-owned devices that parents/guardians opt for the student to use in lieu of the school-prescribed PLD.
- The DMA will be uninstalled from the device when students graduate or leave the school.

In-School DMA Settings (Default)



Schools will determine DMA settings for **in-school use**. As a default, these settings will continue to be in place after school as well:

- MOE and the school will set the level of web content filtering, including filtering objectionable content or content that may not be conducive to teaching and learning (e.g. **social media**, pornography, gambling, or websites containing extremist content).
- School hours is defined to be from **6.30 a.m. to 5 p.m.** and after school hours would be from **5 p.m. – 11 p.m.**. The device will shut down at **11 p.m.** by default.
- The school will determine the applications and programs to be installed to support teaching and learning. (**social media apps like TikTok are not allowed in PLDs**)



After-School (5pm – 11pm) DMA Parent Options

1. After-School DMA Parent Options provide parents with the flexibility in managing your child's/ward's use of PLD after school hours.
2. The following tables outline the different levels of restrictions, controls, and monitoring for each After-School DMA Parent Option.

Default	Option A	Option B
In-school DMA settings will continue after school hours	DMA settings can be modified by Parents/Guardians after school hours	DMA will be inactive* after school hours
For parents/guardians who want their child's/ward's use of the device 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 child's/ward's use of the device after school hours regulated by the DMA.	For parents/guardians who do not want their child's/ward's use of the device after school hours to be regulated by the DMA at all.

*No data will be collected after school hours when the DMA is inactive.

- Having default school settings continue after school hours is the best option for parents/guardians who prefer not to, or do not feel ready to manage their child's/ward's device use on their own.
- Parents/guardians can request to change their choice of DMA settings, which is the existing practice.

After-School (5pm – 11pm) DMA Parent Options

	Default Setting (This will apply if no Alternative Setting is chosen)	Alternative Setting: Option A (DMA settings can be modified from the Default settings in place)	Alternative Setting: Option B (DMA will be inactive only after school hours)
Protect students from objectionable content	Web content filtering will include, but not limited to the following categories: <ul style="list-style-type: none">• Violent/extremist content• Sexual/pornographic content• Gambling-related content	Parents/Guardians will be able to include additional web content filtering by submitting a request to the school.	No content filtering at all after school hours.

After-School (5pm – 11pm) DMA Parent Options

	Default Setting (This will apply if no Alternative Setting is chosen)	Alternative Setting: Option A (DMA settings can be modified from the Default settings in place)	Alternative Setting: Option B (DMA will be inactive only after school hours)
Reduce distractions from learning through control of applications	Parents/Guardians and students will be <u>unable</u> to install additional applications.	<ol style="list-style-type: none">1. Parents/Guardians and/or students will be able to install additional applications after school hours.2. Applications installed by parents/guardians and/or students after school hours will not be accessible during school hours.3. Parents/Guardians can limit access to applications installed on the device.	<ol style="list-style-type: none">1. Parents/Guardians and/or students will be able to install additional applications after school hours.2. Applications installed by parents/guardians and/or students after school hours will not be accessible during school hours.

After-School (5pm – 11pm) DMA Parent Options

	Default Setting (This will apply if no Alternative Setting is chosen)	Alternative Setting: Option A (DMA settings can be modified from the Default settings in place)	Alternative Setting: Option B (DMA will be inactive only after school hours)
Limit screen time	The school will define the specific hours during which the student can use the device.	<ol style="list-style-type: none"> Parents/Guardians can adjust their child's/ward's screen time by setting rules on the device*. Parents can determine the duration of use of specified applications. 	No control over screen time.
Monitor students' cyber activities	Parents/Guardians will <u>not</u> be able to track their child's/ward's browser history.	Parents/Guardians will <u>not</u> be able to track their child's/ward's browser history via the parent account.	Parents/Guardians will not be able to monitor or control their child's/ward's use of the device through the DMA.
Provision of Parent Account	X	✓	X

Deciding on the Choice of After-School DMA Option

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

1. Child's/ward's current device usage habits

How much time does my child/ward spend on their device?

How well is my child/ward able to regulate their device usage on their own?

Does my child/ward get easily distracted while doing online learning?

2. Parents'/Guardians' involvement

How confident and familiar am I with managing my child's/ward's cyber wellness?

Are there existing routines and open conversations on the use of the Internet at home?

Am I aware of how to prevent different types of cyber threats that my child/ward might face?



Have a conversation with your child/ward to talk about which setting is best for your child's/ward's learning.

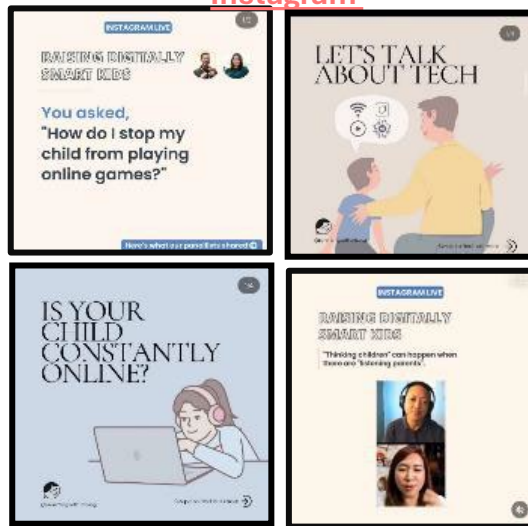
Supporting Resources

Parents/guardians play a crucial role in guiding your child/ward to use devices responsibly and safely. DMA complements your efforts in supporting your child/ward as they navigate the digital space. Here are some resources that you can refer to:

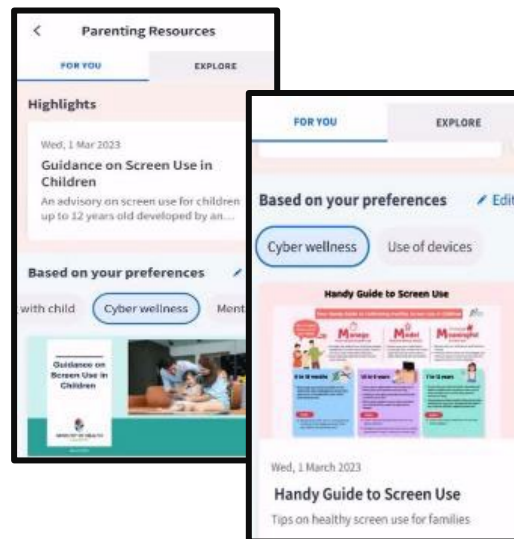
A. Parent Kit



B. Bite-size tips and advice via Parentingwith.MOEsg Instagram



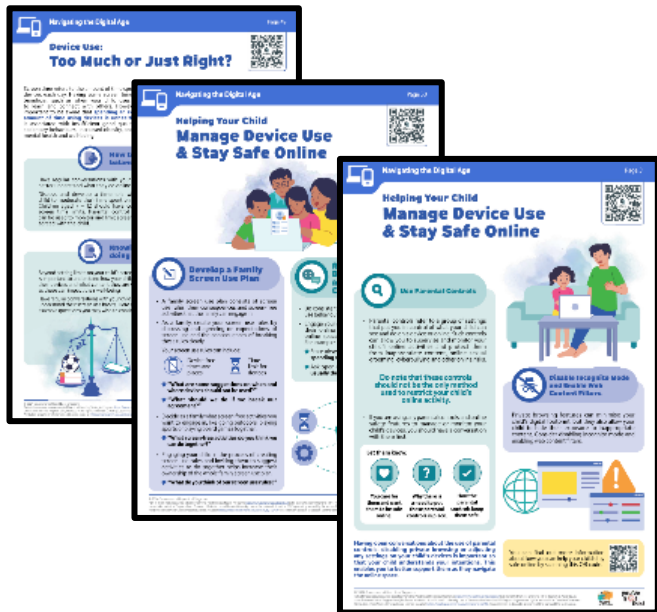
C. Resources from MOE and other agencies (available on resources repository in Parents Gateway)



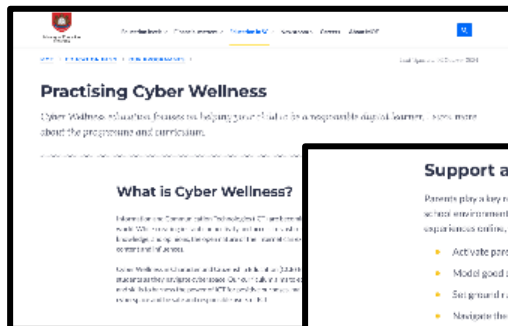
Supporting Resources

D. Parenting for Wellness Toolbox for Parents

The following extracted quick tips and strategies have been shared to you via Parents Gateway. Click on the pink header to download the full suite of resources of the Toolbox.



E. More resources are available via MOE Cyber Wellness Webpage



Support at home

Parents play a key role in their children's growth. Students benefit the most when the home and school environments are aligned to each other. To help your child stay safe and have positive experiences online, you can:

- Activate parental controls on your home devices.
- Model good digital habits for your child.
- Set ground rules for internet use.
- Navigate the internet together to understand their usage.

Resources

Learn more about how to keep your child safe online through these resources:

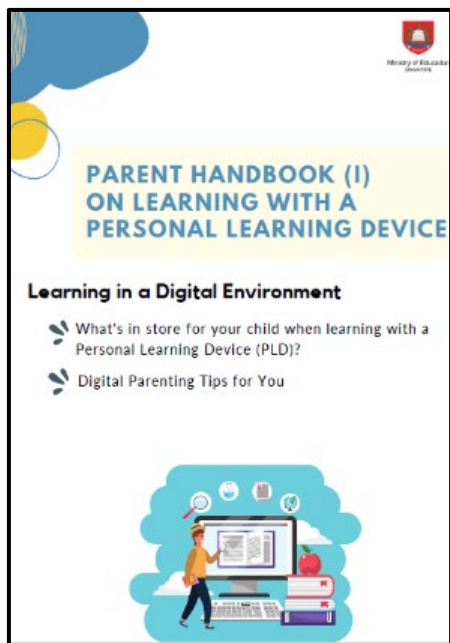
From MOE

- Children and their devices: How to strike the right balance
- Future tense: Keeping kids grounded while tech turns the world upside down
- What does a student's AI-enhanced day look like? Here's a peek
- Are you struggling with your child's excessive device use?
- 7 things every parent can do to keep kids cyber-safe: A tech dids special
- The future looks easy? why this dad isn't afraid of the rise of AI
- Keeping kids safe online – A community effort
- Parent Kit – Raising A Digitally Smart Child
- Parent Kit – Empowering Blended Learning with Our Children
- Recording of Instagram Live – Raising Digitally Smart Kids

Supporting Resources

F. Parent Handbooks (I) and (II) on Learning with a Personal Learning Device

These Handbooks provide tips on supporting your child in the use of PLDs for learning and are shared via the PG notification together with the letter to purchase PLDs.



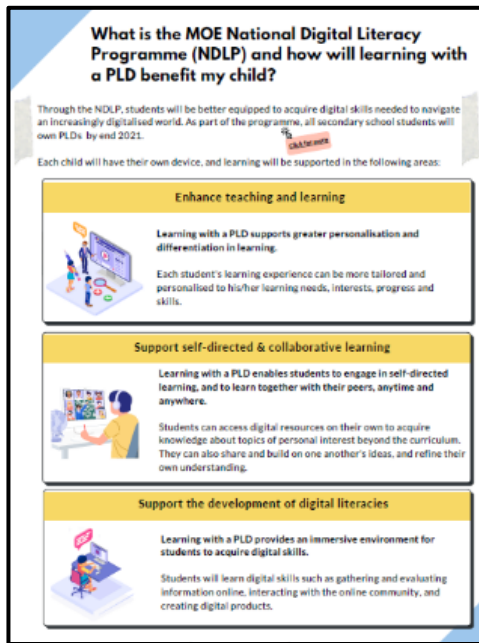
The cover of the Parent Handbook (I) features the Ministry of Education logo at the top right. The title "PARENT HANDBOOK (I) ON LEARNING WITH A PERSONAL LEARNING DEVICE" is prominently displayed in a yellow box. Below the title, the subtitle "Learning in a Digital Environment" is followed by two bullet points: "What's in store for your child when learning with a Personal Learning Device (PLD)?" and "Digital Parenting Tips for You". At the bottom, there is an illustration of a person standing next to a large screen displaying a document, with various digital icons like a speech bubble, a document, and a book floating around.

Ministry of Education
Singapore

PARENT HANDBOOK (I) ON LEARNING WITH A PERSONAL LEARNING DEVICE

Learning in a Digital Environment

- What's in store for your child when learning with a Personal Learning Device (PLD)?
- Digital Parenting Tips for You



This page explains the MOE National Digital Literacy Programme (NDLP) and its benefits. It states that through the NDLP, students will be better equipped to acquire digital skills needed to navigate an increasingly digitalised world, and that all secondary school students will own PLDs by end 2021. It lists three areas of support: enhancing teaching and learning, supporting self-directed and collaborative learning, and supporting the development of digital literacies. Each area includes a brief description and a small illustration.

What is the MOE National Digital Literacy Programme (NDLP) and how will learning with a PLD benefit my child?

Through the NDLP, students will be better equipped to acquire digital skills needed to navigate an increasingly digitalised world. As part of the programme, all secondary school students will own PLDs by end 2021.

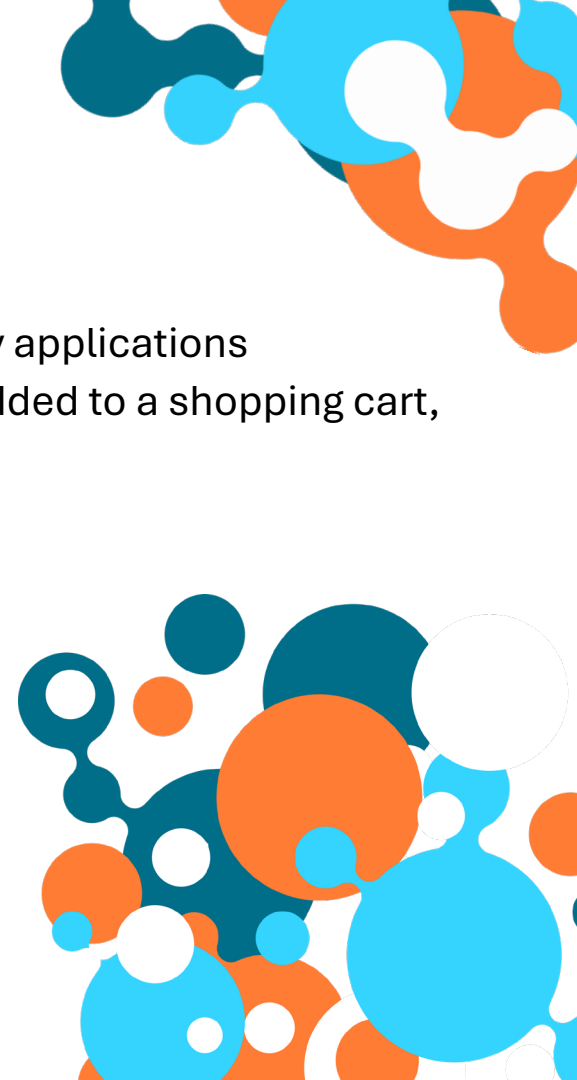
Each child will have their own device, and learning will be supported in the following areas:

- Enhance teaching and learning**
Learning with a PLD supports greater personalisation and differentiation in learning.
Each student's learning experience can be more tailored and personalised to his/her learning needs, interests, progress and skills.
- Support self-directed & collaborative learning**
Learning with a PLD enables students to engage in self-directed learning, and to learn together with their peers, anytime and anywhere.
Students can access digital resources on their own to acquire knowledge about topics of personal interest beyond the curriculum. They can also share and build on one another's ideas, and refine their own understanding.
- Support the development of digital literacies**
Learning with a PLD provides an immersive environment for students to acquire digital skills.
Students will learn digital skills such as gathering and evaluating information online, interacting with the online community, and creating digital products.



Data Collected by the DMA

The DMA does **NOT** collect any of 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 PLDs
 - PLD location
 - Webcam videos and microphone recordings
- 




Data Security

- All user data collected through the DMA will be stored in secure servers managed by appointed DMA Vendors with stringent access controls and audit trails 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 subject to regular security review and assessment by independent reviewers.



Data Security

- 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.
 - 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.
- 



Device and Funding Information



Choice of device for LVSS's PLD



Default bundle:

- 64 GB iPad 10th Generation
- Apple pencil (1st Gen) with USB-C to Apple Pencil Adapter
- Logitech Rugged Combo 4
- 3 years AppleCare+
- 3 Years insurance (which includes 2 repairs or 1 replacement claim)



Price: \$869.80 (inclusive of GST)

- Fortnightly courier service by the vendor for school to send damaged devices for repair.

Insurance Coverage

The package includes a 3-year warranty, and 3-year insurance* which includes:


Insurance Coverage	Claimable
<ul style="list-style-type: none">• Fire• Lightning• Power Surges• Accidental e.g water spillage, drop etc• Theft due to forcible entry• Robbery <p>* Accidental loss will not be covered by insurance.</p>	<p>*2 repairs or 1 replacement claim (3-year insurance)</p>

Please note that the price of the PLD Bundle may appear to be higher than similar models on the retail market as the price of those devices usually does not include extended warranty and insurance coverage.



Technical Support for Students' Devices

Technical support will be provided to students through:

- PLD Service Centre set up in school during breaks and after school daily
 - Troubleshooting of device issues
 - Solve connectivity issues
 - Collection of devices to be sent for repairs
 - Nearest Official Apple Service Centre @ Changi Jewel
 - Repair of devices (hardware issues)
- 




Funding Support for Singapore Citizen (SC) Students

The cost of the device bundle can be paid using your child's/ward's Edusave account, after setting aside provision for payment of second-tier miscellaneous fees.

To ensure the affordability of devices, MOE has provided Edusave top-ups of \$200 in 2020 to 2022, and \$300 in 2023, to all eligible Singaporean students in primary and secondary schools.

This is on top of the annual \$290 credited into the Edusave account for Secondary School students and \$230 for Primary School students.



Funding Support for Singapore Citizen (SC) Students

For SC students who are on **MOE Financial Assistance Scheme** or whose family's monthly income **meets the following criteria:**

Gross Household Income (GHI) \leq \$3,000, or
Per Capita Income (PCI) \leq \$750

MOE will subsidise 50% of device bundle cost or \$350, whichever is lower.

The remaining amount will be payable from the students' Edusave account. If there is insufficient balance in the students' Edusave account for the remaining amount, MOE will provide additional subsidy so that the **cash out-of-pocket (OOP) is \$0.**

Funding Scenario: Student A (SC)



Default Bundle:
10th Gen
Apple iPad 10.9”
\$869.80

Student A (SC on MOE FAS) GHI ≤ \$3,000 or PCI ≤ \$750	
Device Bundle Cost	\$869.80
Student Subsidy (50% or \$350 whichever is lower)	\$350
Available Edusave Balance <i>(After setting aside for misc fees)</i>	\$200.00 before deduction \$200.00 will be deducted
Additional Subsidy by MOE	\$319.80
Cash Out-of-pocket	\$0.00

For more details on financial assistance, please approach the school.
Each student would receive a personalised bill subsequently.

Funding Support for Singapore Citizen (SC) Students

For SC students whose family's monthly income is:

$$\begin{aligned} & \$3,000 < \text{Gross Household Income (GHI)} \leq \$4,400, \text{ or} \\ & \$750 < \text{Per Capita Income (PCI)} \leq \$1,100 \end{aligned}$$

MOE will subsidise 30% of device bundle cost or \$200, whichever is lower.

The remaining amount will be payable from the students' Edusave account. If there is insufficient balance in the students' Edusave account for the remaining amount, MOE will provide additional subsidy so that the cash out-of-pocket (OOP) **is not more than \$50.**

Funding Scenario: Student B (SC)



Default Bundle:
10th Gen
Apple iPad 10.9"
\$869.80

Student B (Non MOE-FAS SC from lower income family) \$3,000 < GHI ≤ \$4,400 or \$750 < PCI ≤ \$1,100	
Device Bundle Cost	\$869.80
Student Subsidy (30% or \$200 whichever is lower)	\$200
Available Edusave Balance <i>(After setting aside for misc fees)</i>	\$200.00 before deduction \$200.00 will be deducted
Additional Subsidy by MOE	\$419.80
Cash Out-of-pocket	\$50.00

For more details on financial assistance, please approach the school.
Each student would receive a personalised bill subsequently.



Funding Support for Singapore Citizen (SC) Students

SC students whose family's monthly Gross Household Income (GHI) > \$4,400 or monthly Per Capita Income (PCI) > \$1,100, no subsidy will be provided.

Parents/Guardians can use their child's/ward's Edusave or cash to defray the device bundle cost.



Funding Scenario: Student C (SC)



Default Bundle:
10th Gen
Apple iPad 10.9”
\$869.80

Student C (Not Eligible for Subsidy) GHI > \$4,400 or PCI > \$1,100	
Device Bundle Cost	\$869.80
Available Edusave Balance <i>(After setting aside for misc fees)</i>	\$200.00 before deduction \$200.00 will be deducted
Cash Out-of-pocket	\$669.80

For more details on financial assistance, please approach the school.
Each student would receive a personalised bill subsequently.



Funding Support for Non-Singapore Citizen Students

Permanent residents (PR) and international students (IS) who need support could apply for subsidies, particularly those whose Gross Household Income (GHI) is below \$4,400 or Per Capita Income (PCI)[#] is below \$1,100.

For more details, please approach the school.

[#]PCI is Gross Household Income divided by the number of household members.





What's Next?

Parental Consent for Procurement

1. Parents can access the **Parental Consent for the Purchase of Personal Learning Device (PLD)** via a Parents Gateway (PG) notification that was sent to you on 8 Jan 2025, 5:00 pm.
- Parents who want to use Edusave funds for the PLD (for Singapore Citizens students only), please submit the online Standing Order Form via this link: <https://go.gov.sg/edusaveformsgso> or QR code below by 17 Jan 2025, 5:00 pm



* Parents/Guardians without access to PG can request for the hardcopy letter via your child's/ward's form teacher.

For Singapore Citizens (SC) Students

Time Frame	Activity
8 Jan – 17 Jan 2025	<ol style="list-style-type: none"><li data-bbox="604 330 1787 562">1. Submit:<ol style="list-style-type: none"><li data-bbox="701 380 1787 562">a. consent to PLD purchase via in the PG notification which includes the following:<ul style="list-style-type: none"><li data-bbox="797 478 1787 516">• Intent to Purchase Personal Learning Device (PLD);<li data-bbox="797 527 1787 562">• Authorisation Form for the Collection of PLD<li data-bbox="701 671 1787 900">b. the Standing Order (SO) for the use of Edusave Account via https://go.gov.sg/edusaveformsgso (for Singapore Citizen students only) if you have not done so previously. Parents without access to PG can submit their consent via hardcopy.
Term 2 Week 1-2	Collection of devices by students

WHAT'S NEXT?

For Permanent Residents / International Students

Time Frame	Activity
8 Jan – 11 Jan 2025	<ol style="list-style-type: none">1. Submit consent to PLD purchase which includes the following:<ul style="list-style-type: none">• Intent to Purchase Personal Learning Device (PLD);• Authorisation Form for the Collection of PLD <p>Form to be submitted to School General Office</p>
Mid Feb	Parent/Guardian to make payment via Giro/PayNow
Term 2 Week 1-2	Collection of devices by students

WHAT'S NEXT?

Collection of Devices

Your child/ward will be collecting his/her device **in school from Term 2.**

If you would like to verify the condition of the device during collection with your child/ward:

- You may arrange to collect the device **at the contractor's service / collection centre (Blk 219 Henderson Road #05-01/02/03/04 Henderson Industrial Park)** or appoint an adult proxy to do so.
- Your child/ward would need to bring the device to school and arrange for the school's IT department to install the DMA.

Please approach the school for further advice or clarification if you would like to make this arrangement.

* Parents/Guardians (or adult proxy) will **not** be able to collect the PLD from the school.

Important Contacts / Helplines

To access / find out more about...	Contact / Helpline
Edusave balance	6260 0777
Financial assistance / More info	6582 1727 / School hotline
Mr Koe Soon Guan (HOD / ICT)	koe_soon_guan@moe.edu.sg
Mr Ronald Tan (SH / ICT)	tan_kok_yong_ronald@moe.edu.sg
Mr Rama Kandala Seshu	kandala_rama_seshu@moe.edu.sg

Alternatively, you may also approach the Form Teachers or Year Heads.

Q&A





THANK YOU
&
HAVE A NICE DAY!