



# Personal Learning Device (PLD) Initiative

Briefing for Parents

A PRESENTATION BY  
MINISTRY OF EDUCATION, SINGAPORE



# 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**

# How will your child use the Personal Learning Devices

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- Curate information, create digital products and communicate and collaborate with others digitally.
- Use different online platforms for learning inside and outside classroom.
- Use productivity tools (note-taking, scheduling of homework, online storage) to inculcate self-directed strategies that improve productivity.
- Able to learn effectively and responsibly with their PLDs.

SINGAPORE  
STUDENT  
LEARNING  
SPACE



GeoGebra



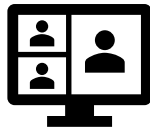
## Cyber Wellness Concerns Identified by Local Studies/Surveys



Harmful Online  
Content



Gaming and  
associated risks



Cyberbullying



Excessive social  
media use

# 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 : Acceptable Use Policy
- Educating students on Cyber Wellness
- Partnering parents/guardians to ensure that students are well-supported in their use of technology for learning
- Device Management Application (DMA): to support a safer digital environment for learning

# DMA Installation

- The Windows Device Management Application (DMA) solution, Blocks i, 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 **7 a.m. to 2 p.m.** and after school hours would be from **2 p.m. – 11 p.m.** The device will shut down at **11 p.m.** by default.
- The school will determine the apps and programs to be installed to support teaching and learning



# After-School 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
<b>In-school DMA settings will continue after school hours</b>	<b>DMA settings can be modified by Parents/Guardians after school hours</b>	<b>DMA will be inactive* after school hours</b>
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 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)
<b>Protecting students from objectionable content</b>	MOE/school sets level of web content filtering	Parents/Guardians can apply additional content filtering	No content filtering
<b>Reduce distractions from learning through control of applications</b>	Parents/Guardians and students are <u>unable</u> to install additional applications	Parents/Guardians and/or students can install additional applications after school hours, but these applications are disabled during school hours	
<b>Limit screen time</b>	School sets hours during which students are able to use the device online	Parents/Guardians can modify the amount of screen time*	No control over screen time

\*Screen time limits set by the school will override parents'/guardians' settings during school hours.

# After-School 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)
<b>Parent/guardian account</b>	Provided to allow monitoring of PLD activities after school hours		Not provided
<b>Monitor students' cyber activities</b>	Parents/Guardians can track their child's/ward's browser history after school hours		<p>Parents/Guardians will <b><u>not</u></b> be able to monitor or control their child's/ward's use of the device through the DMA after school hours</p> <p>No data* will be collected during use of PLD after school hours</p>

\*Parents/Guardians and students on Option B will need to use non-Chrome browsers to avoid web browsing history tracking and web content filtering.

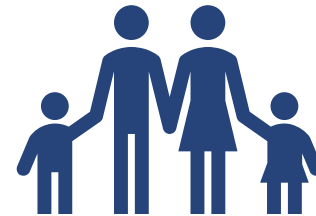
# Support for Parents/Guardians

Parents/guardians may wish to consider the following questions to decide the After-School DMA Parent Option that best suits your child/ward.



## A. 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?



## B. 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?

# 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:

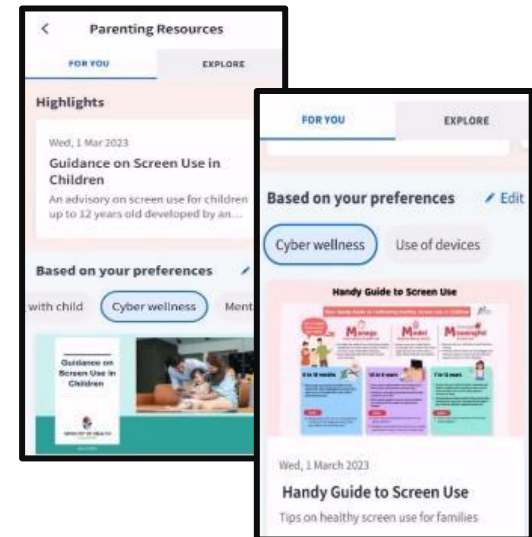
## A. Parent Kit



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



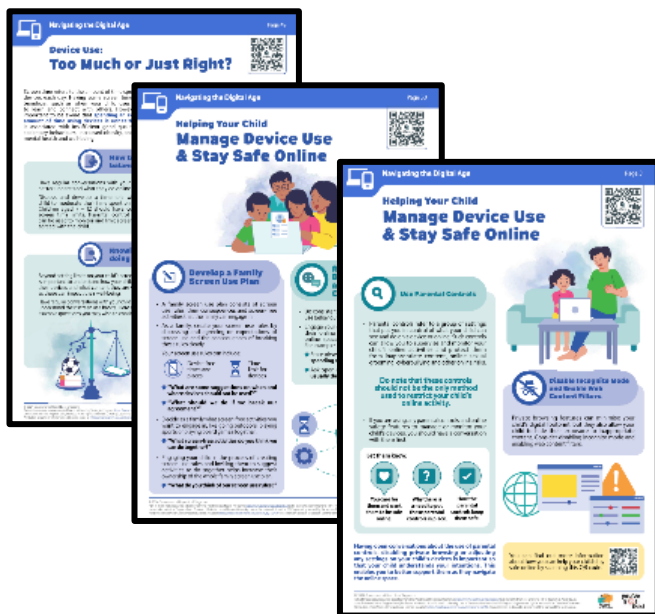
## C. Resources from MOE and other agencies (available on resources repository in Parents Gateway)



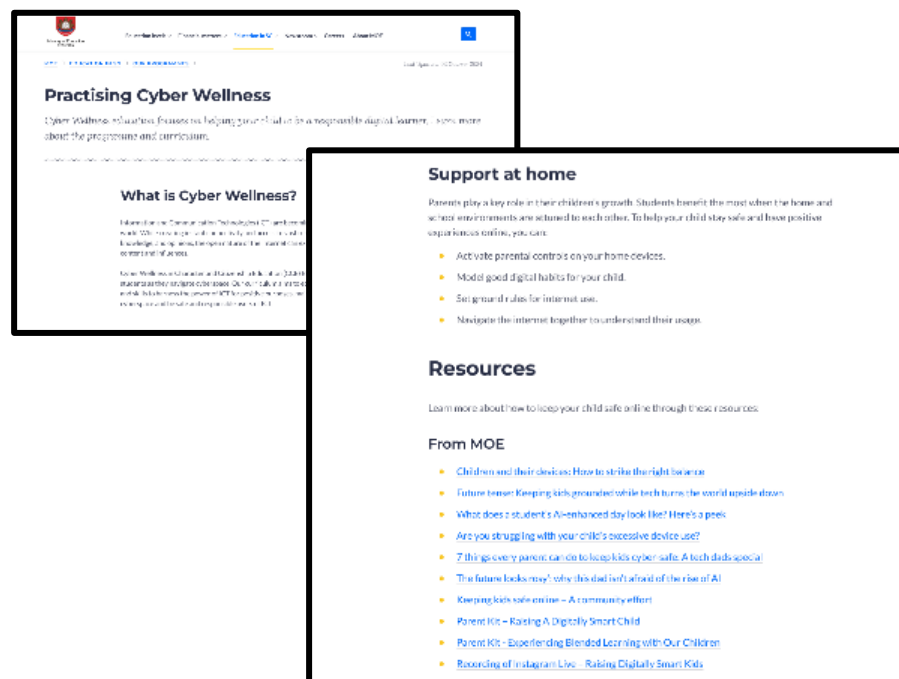
# Supporting Resources

## 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.



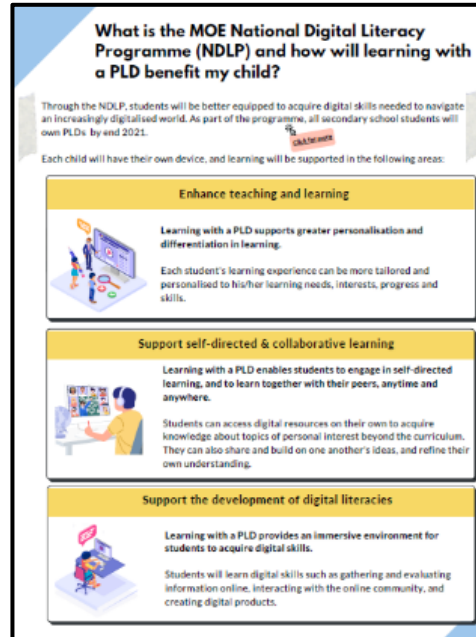
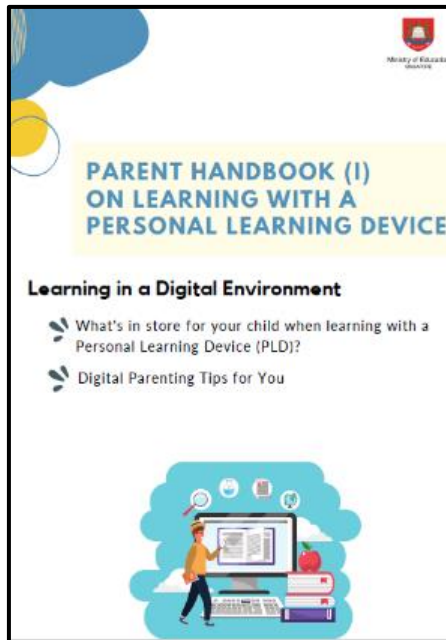
## E. More resources are available via MOE Cyber Wellness Webpage



# 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.



# Data Collected by the DMA

1. 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
2. Parents may request corrections to their personal data (e.g. email addresses, names) by contacting the school, in accordance with the Personal Data and Protection Act (PDPA).



# 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.
- 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

# CHIJ ST. THERESA'S CONVENT'S PLD



The school chose the device because of:

- Portability
- Durability
- T&L Affordances

**Lenovo 300w Yoga Gen 4**

**Lenovo**

# CHIJ ST. THERESA'S CONVENT'S PLD



Lenovo 300w Yoga Gen 4

Lenovo

The school will be using the **Lenovo 300w yoga Gen 4** for teaching and learning.

Total cost with GST: **S\$741.20**

**Intel N200 Processor, 8GB Memory, 256GB SSD storage**

**11.6" TouchScreen, 1.27 kg, wifi, Bluetooth, built-in camera, USB mouse, 2x USB3.2 Gen 1, 1x USB-C 3.2 Gen 2, 1x HDMI**

**Additional add-on accessory: 300w Stylus Pen**

# PLD Bundle

Device Bundle includes
<ul style="list-style-type: none"><li>• Lenovo 300w Yoga Gen 4</li><li>• Insurance and Warranty</li></ul>

Your child's/ward's PLD will come with the **Enhanced Device Bundle** which includes:

- 3-year warranty and 3-year insurance
- 2 repairs or 1 replacement claim

# Insurance Coverage



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

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

# Technical Support for Students' Devices

Technical support will be provided to students through:

- Service Desk set up in school during breaks and after school on a weekly basis
  - Troubleshooting of device issues
  - Solve connectivity issues
  - Collection of devices to be sent for repairs
- Lenovo Vendor's service centre for repair of devices (hardware issues)

Servlink Technologies – Lenovo Authorised Service Centre

Address: 2 Kallang Avenue #09-01, CTHub 1, Singapore 339407

# 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 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)



**Lenovo 300w Yoga Gen 4**  
**Lenovo**

Student A (SC on MOE FAS) GHI ≤ \$3,000 or PCI ≤ \$750	
Device Bundle Cost	<b>\$741.20</b>
Student Subsidy	<b>\$350.00</b>
Available Edusave Balance <i>(After setting aside for 2<sup>nd</sup>-tier misc fees)</i>	\$200.00 before deduction \$200.00 will be deducted
Additional Subsidy	<b>\$191.20</b>
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:

$\$3,000 < \text{Gross Household Income (GHI)} \leq \$4,400$ , or

$\$750 < \text{Per Capita Income (PCI)} \leq \$1,100$

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)



Lenovo 300w Yoga Gen 4

Lenovo

Student B (Non MOE-FAS SC from lower income family) \$3,000 < GHI ≤ \$4,400 or \$750 < PCI ≤ \$1,100	
Device Bundle Cost	<b>\$741.20</b>
Student Subsidy	<b>\$200.00</b>
Available Edusave Balance <i>(After setting aside for 2<sup>nd</sup>-tier misc fees)</i>	\$200.00 before deduction \$200.00 will be deducted
Additional Subsidy	<b>\$291.20</b>
Cash Out-of-pocket	<b>\$50.00</b>

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)



Lenovo 300w Yoga Gen 4

Lenovo

Student C (Not Eligible for Subsidy) GHI > \$4,400 or PCI > \$1,100	
Device Bundle Cost	<b>\$741.20</b>
Available Edusave Balance <i>(After setting aside for 2<sup>nd</sup>-tier misc fees)</i>	\$200.00 before deduction \$200.00 will be deducted
Cash Out-of-pocket	<b>\$541.20</b>

**What's Next?**

# Parental Consent for Procurement (**important**)

- Parents can access the **Parental Consent for the Purchase of Personal Learning Device (PLD)** via a Parents Gateway (PG) notification that has been sent to you on 2 Jan 2025.

PG Consent Form Questions	Response
Indicate Intent to Purchase PLD	Yes/no
Indicate Collection Method	<ol style="list-style-type: none"><li>child/ward will be collecting the device from the school. <b>(recommended)</b></li><li>I will be collecting the device on my child's/ward's behalf from the collection centre.</li><li>I will appointing a proxy to collect the device on my child's/ward's behalf.</li></ol> <p>Options 2 and 3 must be collected from Vendor site after deployment date.</p>
For Singaporean students	<p>Fill in the online Edusave Standing Order (SO) should you wish to use your child's/ward's Edusave for the PLD purchase, if you have not done so previously.</p> <p><a href="https://go.gov.sg/edusaveformsgso">https://go.gov.sg/edusaveformsgso</a> by 9 Jan 2025</p>
For Permanent Residents / International Students	Parent/Guardian to make payment via Giro/PayNow by 9 Jan 2025.

- Please Reply by 9 Jan 2025**



# Collection of Devices

Your child/ward will be collecting her device in school **from Mar 2024\***.

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 vendor's service/collection centre\*** 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.

**\*estimated**

\* 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
This deck of slides	School website
Edusave balance	6260 0777
Financial assistance	Please approach School General Office



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