



# Personal Learning Device (PLD) Initiative

Briefing for Parents

A PRESENTATION BY  
MINISTRY OF EDUCATION, SINGAPORE



# The National Digital Literacy Programme and the PLD Initiative

An Overview

# The National Digital Literacy Programme (NDLP)

1. The NDLP was launched in March 2020 to **make digital learning inclusive by equipping students with the digital skills** to be future-ready.
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**

# Students' Experiences



# Learning with a PLD in Naval Base Secondary School

Note: The information contained in this deck of slides is customised according to our school's context and the device selected.

# How will your child/ward use the PLD?

- The PLD will be used frequently by the students in class and out-of-class to promote active learning and greater personalisation.
- In class, the devices will be used to support learning of the curriculum subjects independently or collaboratively through various tools that the teachers will use, e.g. Padlet, Peardeck, Quizziz and Kahoot! etc.
- Beyond the classroom, students will be able to use the device for home-based learning. Zoom app will also be installed in their PLDs to facilitate any HBL needs.
- Students can review past lessons, access digital resources on the Singapore Student Learning Space (SLS) platform and other digital platforms to enhance their learning, or explore topics of their own personal interests using the device.
- They can also make use of digital tools such as calendaring and note-taking applications to enhance their personal productivity using the Calendar/Reminders App in their PLDs. We have also purchased Goodnotes for the students to use for notetaking.
- Handouts will be disseminated to students via Google Classroom and no hardcopy will be printed, so students are expected to bring their fully-charged PLD daily for lessons.

# 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 ensure that students are well-supported in their use of technology for learning
- Device Management Application (DMA)

# Classroom Management and Routines

- All PLDs will be placed under DMA and enrolled into Apple Classroom to ensure students are following in class and address and Cyber Wellness concerns.
- Students are expected to fully charge their PLDs before bringing them to school everyday.
- Students are expected to take responsibility for their PLDs and not leave them lying around in places where accidents may happen, e.g. on the floor/on the chair/at the edge of the tables etc.
- All classrooms are provided with digital locks, so students are expected to close the doors fully before leaving the classrooms for recess or PE lessons etc.
- Earpieces can only be used in class if the teacher requires it. If not, they can use them in the canteen during recess.

# Cyber Wellness Education

## Educating students on Cyber Wellness

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

The Cyber Wellness topics will cover aspects such as

1. Maintaining a healthy balance of online and offline activities
2. Developing a healthy online identity
3. Developing safe, respectful and meaningful online relationships
4. Being a positive presence and influence in the online community
5. Creating and sharing online content in a responsible manner

# Parents'/Guardians' Role

- We would like to partner parents/guardians to ensure 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.
  - Set ground rules for internet/device usage.
  - Guide your child/ward to use productivity tools using his/her PLD, to organise information and simplify tasks for efficiency.

# Parents' Voices: In Conversation on Students' Use of PLDs for Learning



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

# Device Management Application Installation

- Your child's/ward's PLD will be installed with a Device Management Application (DMA) to provide a safer digital environment for learning.
- Installation of the DMA will be performed after the collection of the device. Students will be guided on the installation.
- This applies to both devices purchased through the school and pre-existing student-owned devices.
- The DMA will be **funded by MOE** and will be **uninstalled** from the device **when your child/ward graduates/leaves the school.**

# Device Management Application

- The DMA will complement schools' and parents'/guardians' role in educating students on using their PLDs safely and effectively.
- The DMA can:
  1. Remotely deploy teaching and learning applications as well as security patches
  2. Enable teachers to monitor and control the students' screens
  3. Restrict apps and websites accessible
  4. Limit screen time



# 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 out objectionable content or content that may not be conducive to teaching and learning (e.g. social media, pornography, gambling, or websites containing extremist content)
- Students will be able to use the device 6.30 am to 10.30 pm daily
- The school will determine the apps and programs to be installed to support teaching and learning

# Providing Parents/Guardians with Greater Choice for After-School PLD Use

*The school will provide parents/guardians with more information on exercising the options.*

Default	Option A	Option B
<p><b>In-school DMA settings will continue after school hours</b></p>	<p><b>Parents/Guardians can modify the DMA settings after school hours</b></p>	<p><b>Parents/Guardians can choose to disable DMA after school hours</b></p>
<p>For parents/guardians who want their child’s/ward’s use of the devices to be restricted only to teaching and learning, and prefer to leave it to the school to decide on DMA settings after school hours.</p>	<p>For parents/guardians who want more leeway over the use of the device, and prefer to take charge of the level of restrictions for their child’s/ward’s use of the device after school hours.</p>	<p>For parents/guardians who do not want their child’s/ward’s use of the device to be regulated by DMA after school.</p>

- **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 at any time.

# Providing Parents/Guardians with Greater Choice for After-School PLD Use

	Default	Option A	Option B
<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 <b>unable</b> to install additional applications	Parents/Guardians and/or students can install 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

- For Default Setting, MOE and the school will filter:
  - Violent/extremist content , Sexual/pornographic content
  - Gambling-related content, Social media sites

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

# Providing Parents/Guardians with Greater Choice for After-School PLD Use

	Default	Option A	Option B
<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		Parents/Guardians will <b>not</b> be able to monitor or control their child's/ward's use of the device through the DMA after school hours  No data* will be collected during use of PLD after school hours

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

# 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?



***We strongly encourage students to follow the default school settings for DMA***

# 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

# Additional Resources for Parents

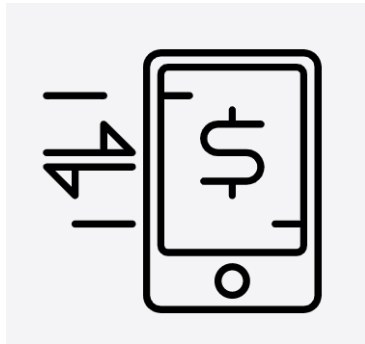
To support you in keeping your child/ward safe online, you may refer to these additional resources:

- Parent Handbooks (I) and (II) on Learning with a Personal Learning Device (shared by the school)
- Parent Kit on Cyber Wellness for Your Child (<https://go.gov.sg/moe-cyber-wellness>)
- Schoolbag article 'Keeping our teens safe online' (<https://www.schoolbag.edu.sg/story/keeping-our-teens-safe-online>)
- MOE Cyber Wellness Programme (<https://www.moe.gov.sg/programmes/cyber-wellness/>)
- Media Literacy Council (<https://go.gov.sg/better-internet-sg>)
- National Library's Learning & Information Literacy Resources (<https://sure.nlb.gov.sg/>)
- TOUCH Community Services (<https://help123.sg>)

# Device and Funding Information



# Device Bundle Details



*Funding*

## **Apple iPad 10.2" (8<sup>th</sup> Gen, Wi-Fi only)**

- ✓ Includes 128 GB ROM Upgrade
- ✓ Includes 3-year AppleCare+ and insurance

### *Add-ons:*

- ✓ Apple Pencil
- ✓ Logitech SlimFolio Keyboard Case



**Total Cost: \$971.50**

# Insurance Coverage

The package includes a 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 (3-year insurance)</p>

# 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 and \$200 in May 2021 (as part of the Household Support Package announced in Budget 2021), to all eligible SC 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)  $\leq$  \$2,750, or

Per Capita Income (PCI)  $\leq$  \$690

the school 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, school will provide additional subsidy so that the cash out-of-pocket (OOP) is \$0.

# Funding Support for Singapore Citizen (SC) Students

- For SC students whose family's monthly income is:

$\$2,750 < \text{Gross Household Income (GHI)} \leq \$4,000$ , or

$\$690 < \text{Per Capita Income (PCI)} \leq \$1,000$

the school 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, school will provide additional subsidy so that the cash out-of-pocket (OOP) is not more than \$50.

# Funding Support for Singapore Citizen (SC) Students

- SC students whose family's monthly Gross Household Income (GHI) > \$4,000 or monthly Per Capita Income (PCI) > \$1,000, no subsidy will be provided. Parents/Guardians can use their child's/ward's Edusave or cash to defray the device bundle cost.

**What's Next?**

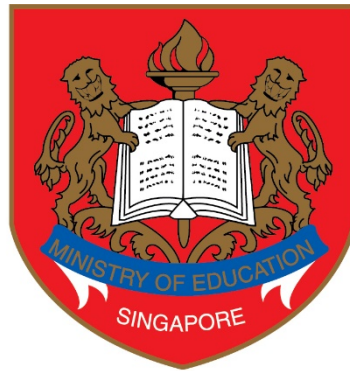
# Important Contacts / Helplines

To access / find out more about...	Contact / Helpline
Edusave balance	6260 0777
Financial assistance	62571996



# Thank you





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