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# The National Digital Literacy Programme and the PLD Initiative

An Overview



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## OVERVIEW OF NDLP AND PLD INITIATIVE

# 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.



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## OVERVIEW OF NDLP AND PLD INITIATIVE

# 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**



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# Learning with a Personal Learning Device (PLD) Assumption Pathway School

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



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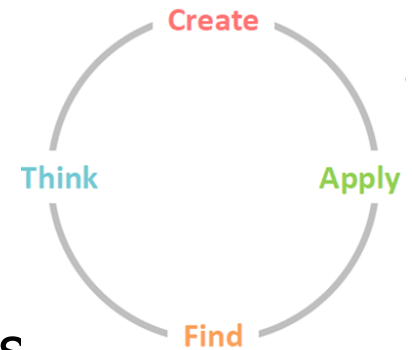
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# How will your child/ward use the PLD?

## LEARNING WITH A PLD

- **At APS, your child will be using PLD to**
- Learn basic digital literacy skills
  - Research for information online using keywords
  - Pick out relevant information, organise and share it
- Access quality digital learning resources (SLS)
- Learn basic coding
- Have meaningful and engaging learning experiences with the use of technology and online tools



Find	Critically gather and evaluate information from, and use digital resources in a safe, secure, responsible and ethical manner
Think	Interpret and analyse data, and solve problems
Apply	Use software and devices to facilitate the use of knowledge and skills in new contexts; keep up with technological developments
Create	Produce content and artefacts, and engage and collaborate with others digitally



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# Device and Funding Information



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DEVICE FUNDING AND INFORMATION

**APS PLD**

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Intel i5-1235U Processor

8GB RAM

512GB SSD Storage

14" Screen Size

The school will be using the  
**Acer Travel Mate TMP 214 –  
54 (Enhanced)** for teaching  
and learning.

Total cost of the bundle  
includes 3-year warranty and  
3-year insurance with GST:

**\$833.76**



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DEVICE FUNDING AND INFORMATION

**APS PLD**

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Intel i5-1235U Processor

8GB RAM

512GB SSD Storage

14" Screen Size

The school chose the device because of:

- Portability
- Durability
- T&L Affordances



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DEVICE FUNDING AND INFORMATION

# PLD Bundle

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Enhanced Device Bundle includes

## Acer TMP 214-54 (Enhanced)

- Fortnight service by Contractor
- 3-year warranty and 3-year insurance
- 2 repairs or 1 replacement claim

\*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.



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# 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><b>*2 repairs or 1 replacement (3-year insurance)</b></p>





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DEVICE FUNDING AND INFORMATION

# 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 in 2020 to 2022 (\$200 in each year) 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.



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**DEVICE FUNDING AND INFORMATION**

# Funding Scenario: Student A (SC)



Intel i5-1235U Processor  
8GB RAM  
512GB SSD Storage  
14" Screen Size

Student A (SC on MOE FAS) GHI ≤ \$3,000 or PCI ≤ \$750	
Device Bundle Cost	<b>\$833.76</b>
Student Subsidy	<b>\$350</b>
Available Edusave Balance <i>(After setting aside for 2<sup>nd</sup>-tier misc fees)</i>	<b>\$483.76 will be deducted</b>
Cash Out-of-pocket	<b>\$0.00</b>

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



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**DEVICE FUNDING AND INFORMATION**

# Funding Scenario: Student B (SC)



Intel i5-1235U Processor  
8GB RAM  
512GB SSD Storage  
14" Screen Size

<b>Student B (Non MOE-FAS SC from lower income family)</b> \$3,000 < GHI ≤ \$4,400 or \$750 < PCI ≤ \$1,100	
Device Bundle Cost	<b>\$833.76</b>
Student Subsidy	<b>\$200</b>
Available Edusave Balance <i>(After setting aside for 2<sup>nd</sup>-tier misc fees)</i>	<b>\$633.76 will be deducted</b>
Cash Out-of-pocket	<b>\$0.00</b>

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



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## DEVICE FUNDING AND INFORMATION

# Funding Scenario: Student C (SC)



Intel i5-1235U Processor

8GB RAM

512GB SSD Storage

14" Screen Size

### Student C (Not Eligible for Subsidy)

GHI > \$4,400 or PCI > \$1,100

Device Bundle  
Cost

**\$833.76**

Available Edusave  
Balance

*(After setting aside for 2<sup>nd</sup>-  
tier misc fees)*

**\$833.76 will be deducted**

Cash Out-of-  
pocket

**\$0.00**

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



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**DEVICE FUNDING AND INFORMATION**

# Funding Scenario: Students who are Permanent Resident (PR) or International Student (IS)



Intel i5-1235U Processor

8GB RAM

512GB SSD Storage

14" Screen Size

Student D GHI ≤ \$3,000 or PCI ≤ \$750	
Device Bundle Cost	<b>\$833.76</b>

PR/IS students who require financial assistance are to contact the school office directly.

- Email: [aps@schools.gov.sg](mailto:aps@schools.gov.sg)
- Phone: 62793000





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# Supporting Students in the Safe and Effective Use of the Devices



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# 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)



# Cyber Wellness Education

## 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

The school also has strategies to enable school-wide implementation of CCE. These include:

- Cyber Wellness Lessons within the MDP curriculum
- Termly Cyber Wellness Assembly Talk
- Cyber Wellness Workshops
- Promoting a Peer Support Culture

In addition, through various programmes in school, students will continue to learn to be **respectful, safe, and responsible users of technology.**





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SAFE AND EFFECTIVE USE OF DEVICES

# Parents'/Guardians' Role

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- 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.
  - Set ground rules for internet/device usage.
  - Encourage your child/ward to use productivity tools using his/her PLD, to organise information and simplify tasks for efficiency.
  - Remind your child/ward to be responsible for his/her PLD and take good care of it consistently.



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



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# 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 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.



# 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 from **7.00 a.m. to 11.00 p.m.** daily. This is to ensure they have sufficient rest for the following day.
- The school will determine the apps and programs to be installed to support teaching and learning





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PROVIDING A SAFER DIGITAL ENVIRONMENT FOR 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	<b>STRONGLY DISCOURAGED</b>
<b>In-school DMA settings will continue after school hours</b>	<b>Parents/Guardians can modify the DMA settings 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 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.	

- 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.



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PROVIDING A SAFER DIGITAL ENVIRONMENT FOR LEARNING

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

	Default	Option A	<b>STRONGLY DISCOURAGED</b>
<b>Protecting students from objectionable content</b>	MOE/school sets level of web content filtering	Parents/Guardians can apply additional content filtering	
<b>Reduce distractions from learning through control of applications</b>	Parents/Guardians and students are <b>unable</b> to install additional applications	Parents/Guardians can install additional applications during 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*	

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



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PROVIDING A SAFER DIGITAL ENVIRONMENT FOR LEARNING

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

	Default	Option A	<b>STRONGLY DISCOURAGED</b>
<b>Parent/guardian account</b>	Provided to allow monitoring of PLD activities after school hours		
<b>Monitor students' cyber activities</b>	Parents/Guardians can track their child's/ward's browser history after school hours		



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# STRONGLY ENCOURAGED to stay in DEFAULT MODE

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.*





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PROVIDING A SAFER DIGITAL ENVIRONMENT FOR LEARNING

# 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>)
- Parent Kit on Raising a Digitally Smart Child (<https://go.gov.sg/moe-raising-a-digitally-smart-child>)
- Parenting with MOE: Instagram Live session on Raising Digitally Smart Kids (<https://go.gov.sg/iglive-raising-digitally-smart-kids>)
- 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>)



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# What's Next?



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WHAT'S NEXT?

# For Singapore Citizens (SC) Students

Time Frame	Activity
Completed in T1W8	Submit Letter to Parents for Procurement which includes the following annexes: <ul style="list-style-type: none"> <li>• Intent to purchase</li> <li>• Use of Edusave</li> </ul>
Wednesday, 5 Apr	Collection of devices by students





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WHAT'S NEXT?

# For Permanent Residents / International Students

Time Frame	Activity
Wednesday, 29 Mar	Submit Letter to Parents for Procurement which includes the following annex: <ul style="list-style-type: none"><li>• Intent to purchase</li></ul> <p><i>Please return the form to your child's/ward's Form Teacher.</i></p>
Wednesday, 5 Apr	Collection of devices by students
After 5 Apr	Invoice will be issued.  Parent/Guardian to make <b>payment via Cash/Cheque/etc.</b>  <i>Please inform the school by 29 Mar if you require to pay by instalments.</i>



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WHAT'S NEXT?

# Collection of Devices

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Your child/ward will be collecting his/her device in school on

**Wednesday, 5 April 2023.**

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.

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



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WHAT'S NEXT?

# Important Contacts / Helplines

To access / find out more about...	Contact / Helpline
This deck of slides	<a href="https://www.aps.edu.sg/">https://www.aps.edu.sg/</a>
Edusave balance	6260 0777
Financial assistance	6279 3000



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# Thank You

