The National Digital Literacy Programme (NDLP) and The Personal Learning Device (PLD) initiative

Facta Non Verba

Briefing Overview

- Overview of NDLP and the PLD initiative
- Learning @ Bartley with Personal Learning Device
- Supporting Students in the Safe and Effective Use of Devices
- School Prescribed Device and Funding
- Next step to take

BARTLEY SECONDARY SCHOOL

National Digital Learning Programme (NDLP)

1. 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, all secondary school students will **own a school-prescribed personal learning device (PLD)**. Students are who are Singapore Citizens may use funds from their Edusave Account to pay for the PLD.

Facta Non Verba

Intended Outcomes of a Personalised Learning Environment

The use of the personal learning device for teaching and learning aims to:

Support the Development of Digital Literacies

Support self-directed and collaborative learning

Enhance Teaching and Learning

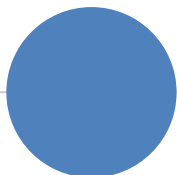**F a c t a   N o n   V e r b a**

BARTLEY SECONDARY SCHOOL

Learning @ Bartley Secondary
with a Personal Learning Device

**Transforming the Culture of Learning
Preparing Students for the Future**

Facta Non Verba

How does having a PLD supports your child's learning in Bartley?

Supports your child to learn actively in class through a series of blended lessons with a mixture of online and face to face interaction.

Active Participation

F a c t a   N o n   V e r b a

How does having a PLD supports your child's learning in Bartley?

Supports your child to **learn actively** in class through a series of blended lessons with a mixture of online and face to face interaction.

Collaborative learning

Today, 10:37

100%   Total: 38 edits

Nature areas benefit people	People bringing benefits to nature	People bring disadvantages to nature	How nature may potentially bring about problems to people.
People going to parks for recreational activities.

Humans depend on plants for oxygen just like how plants depend on | People can recreate the environment and place it around Singapore for better scenery/greenery.

Take care of the environment | People feeding on stray animals

Destruction of animal habitats, forcing them to move elsewhere

Cutting down of trees for | May injure people

(eg. falling trees, aggressive animals, insects that may cause diseases such as aedes mosquitoes) |

Version history
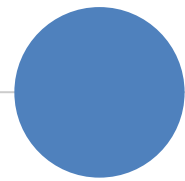
All versions

TODAY

▶ **25 January, 10:37**
Current version
● Mei Yee Soh
● Goh Qing Yang Edric (Bartleyss)
● Lewis Goh Ying Jie (Bartleyss)
● Elisea Cheng Rui See (Bartleyss)
● Zechariah Jude Lee Tian (Bartleyss)
● Ooi Qian Yun Eugena (Bartleyss)
● Yang Kaijing Charmine (Bartleyss)
● Carreon Emmanuel Denis (Bartleyss)
● Maitri Tay Kwang Yu (Bartleyss)
● Teng Yu Cheng (Bartleyss)
● Kaithlynn Kaylie Liong (Bartleyss)
● Goh Kay Woon (Bartleyss)
● Tan Rui Heng (Bartleyss)

25 January, 10:16
● Mei Yee Soh

☑ Show changes

How does having a PLD supports your child's learning in Bartley?

Supports your child to learn actively in class through a series of blended lessons with a mixture of online and face to face interaction.
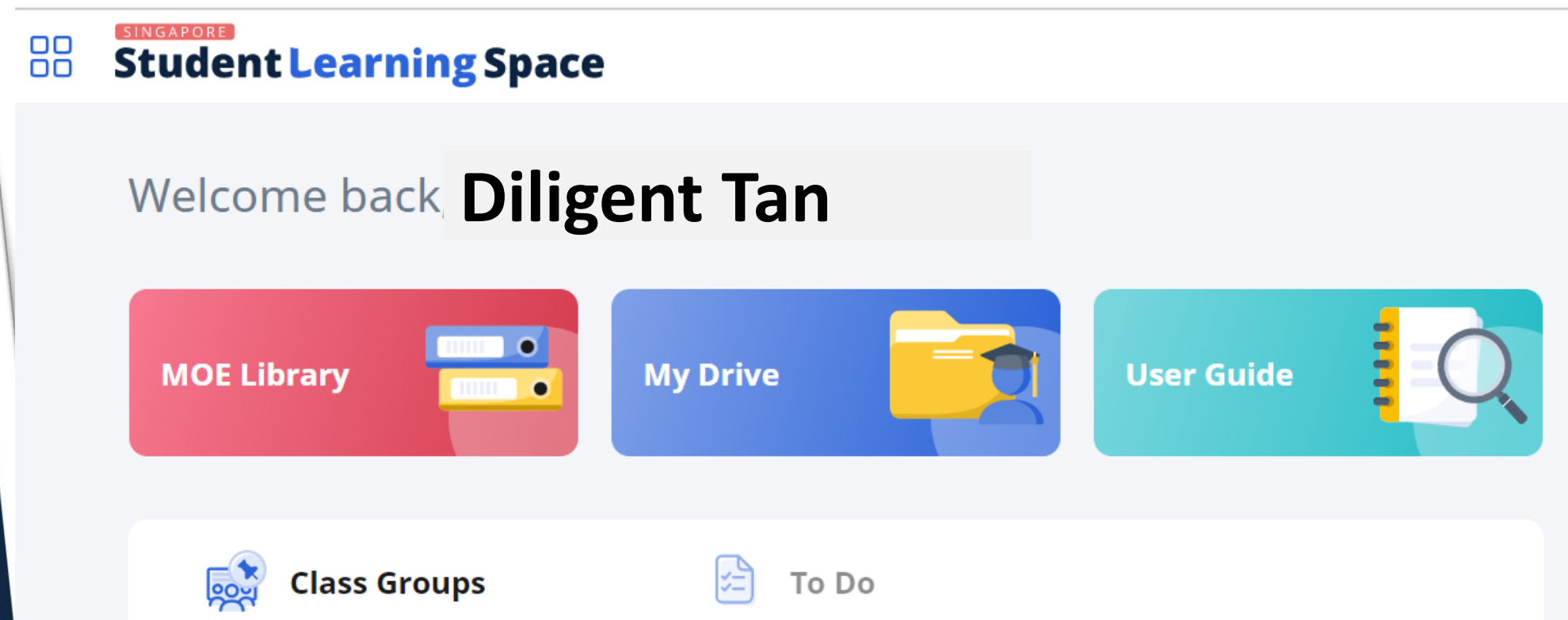

Receive timely & personalised feedback from teachers

Facta Non Verba

How does having a PLD supports your child's learning in Bartley?

Encourage Self-Directed Learning

Review past lessons and access digital resources curated by the teachers on the Singapore Student Learning Space (SLS) to enhance their own learning anytime.

F a c t a   N o n   V e r b a

How does having a PLD supports your child's learning in Bartley?

Develop **digital productivity skills.**

- Managing their schedule and tasks using digital tools
- Digital note making to organize learning
- Create digital products

Supporting Students in the Safe and Effective Use of the Devices

Facta Non Verba

BARTLEY SECONDARY SCHOOL

The school has measures in place to enable a safer digital environment for learning with the use of PLDs:

Classroom management and routines

Educating students on cyberwellnes

Partner with parents/guardians to ensure that students are well-supported in their use of technology for learning.

Installation of Device Management Application (DMA)

F a c t a   N o n   V e r b a

BARTLEY SECONDARY SCHOOL

Classroom Management & Routines

- All students are required to bring their PLD to school in a fully charged condition everyday. They should leave their PLD charger at home.

- Use of a common language when PLD is in use the class.

- Lock up PLD when not in use in the device locker provided.

- Effective classroom management strategies by teachers.

- At the end of the day, students will bring their PLD home to charge.

F a c t a   N o n   V e r b a

Eyes Up
Close Your Chromebooks
Focus on your Teacher

Half Screen
Half-Close Your Chromebooks
Focus on your Teacher or your assigned task

Eyes Down
Open Your Chromebooks
Focus on assigned work
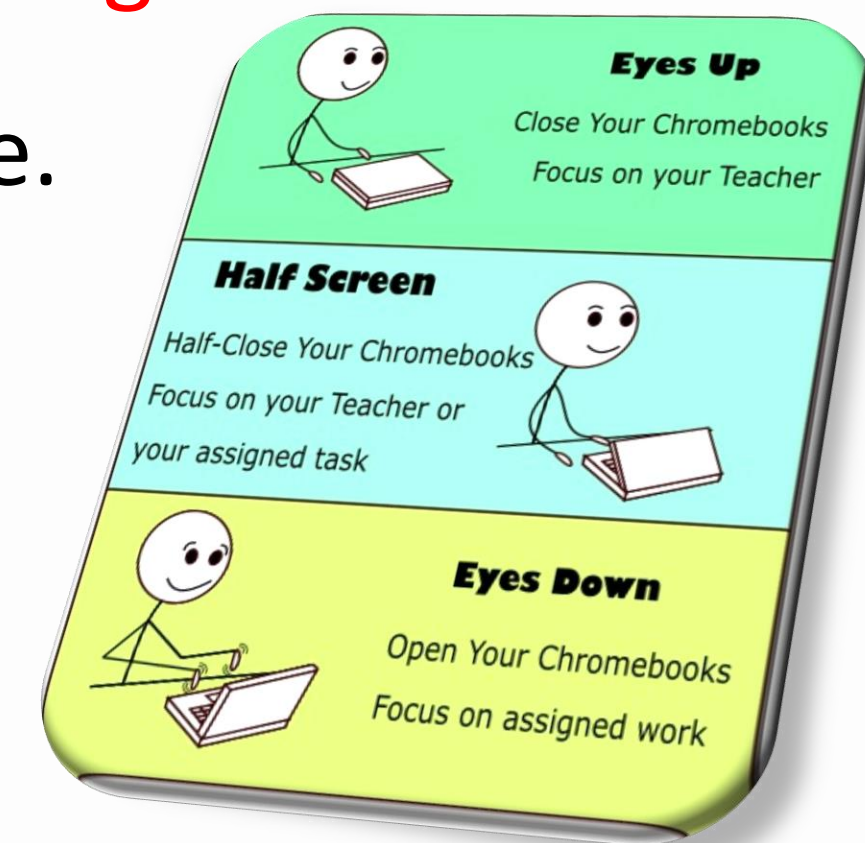
Classroom Management & Routines

- **Acceptable Use Policy (AUP):**
  - Found in your child's student organiser (Page 23 to 28).
  - Outlines **the expectations of device use** to **enable a conducive learning environment**.
  - It also **outlines** the **consequences** for violating the policy.
  - Parent/Guardian could refer to the AUP when helping to manage your child's/ward's use of the PLD.

F a c t a   N o n   V e r b a
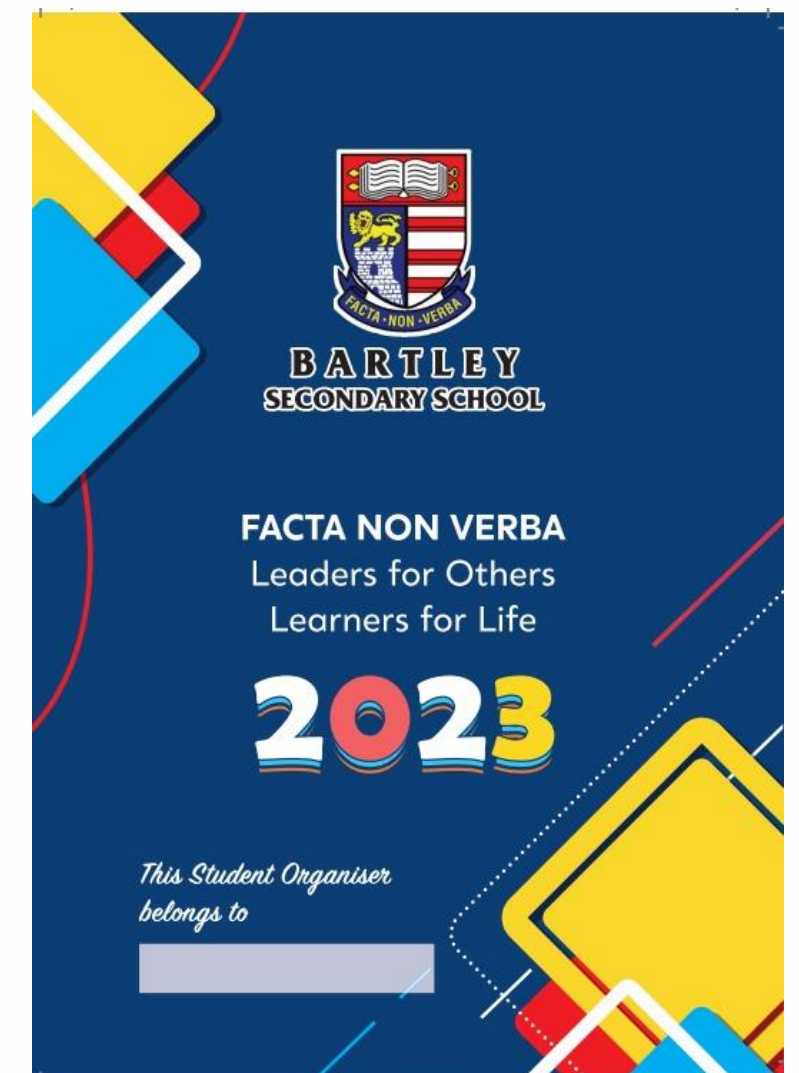
Cyberwellness Education

- MOE has made significant changes to the Character and Citizenship Education. 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

F a c t a   N o n   V e r b a

<u>Cyberwellness Education</u>

In addition, schools also have various programmes such as assembly talks and sharing by student leaders on cyberwellness. Through the various programme, students will continue to learn to be **respectful, safe, and responsible users of technology.**

Stop Cyberbullying
Day
&
Online Disinhibition

Technology Leader Sharing
23 May 2022

F a c t a   N o n   V e r b a

Cyberwellness Education

- We would like to **partner parent/guardian** to ensure that students are well supported in their use of technology for learning.

- As parent/guardian, you can also play a part.

✓ **Model** good digital habits for your child/ward.

✓ **Know** your child/ward well and **have conversations** with your child/ward about safe and responsible use of technology.

✓ Set **ground rules** for internet use.

✓ **Guide** your child/ward to use productivity tools using his/her PLD to organise information and simplify tasks for efficiency.

F a c t a   N o n   V e r b a

Role of the Device Management Application (DMA) in Providing a Safer Digital Environment for Learning

Device Management Application (DMA) 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 during the collection of the device by your child. 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**.

Facta Non Verba

In School DMA Setting [Default]

Schools will determine DMA settings for **in-school use**.

- 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 6a.m. to 11 p.m.

- The school will determine the apps and programs to be installed to support teaching and learning

- As a default, these settings will continue to be in place after school as well.

Facta Non Verba

PROVIDING A SAFER DIGITAL ENVIRONMENT FOR LEARNING

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

Default	Option A	Option B
In-school DMA settings will continue after school Hours	**Parents/Guardians can modify the DMA settings after school hours [6pm to 11pm]**	**Parents/Guardians can choose to disable DMA after school hours [6pm to 11pm]**
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.	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.	For parents/guardians who do not want their child's/ward's use of the device to be regulated by DMA after school.

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.**

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

	Default	**Option A**	**Option B**
Web filitering	MOE/school sets level of web content filtering	Parents/Guardians can apply additional content filtering	No content filtering
Control of applications	Parents/Guardians and students **unable** to install additional applications	Parents/Guardians and/or students **can install applications after school hours**, but these applications are disabled during school hours	
Limit screen time	School sets limits for screen time 6am to 11pm.	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.

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**.

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

	Default	**Option A**	**Option B**
Parent/guardian account	Provided to allow monitoring of PLD activities after school hours		Not provided
Monitor students' cyber activities	Parents/Guardians can track their child's/ward's browser history after school hours		Parents/Guardians will **not** 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 |

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**.

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.

F a c t a   N o n   V e r b a

Deciding on the Choice of After-School DMA Option

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

25

Facta Non Verba

Additional Resources For Parents

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

- 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)

26

F a c t a   N o n   V e r b a

Device & Funding Information

Facta Non Verba

Bartley Secondary School's Personal Learning Device

Intel Celeron N5100 processor, 8GB RAM, 64GB Storage, 11.6" Touch Screen

The school will be using the **Lenovo Chromebook Convertible 500e Gen 3** for teaching and learning.

Comes with 3 year warranty and insurance

Total Cost with GST: $582.10

F a c t a   N o n   V e r b a

Bartley Secondary School's Personal Learning Device

Intel Celeron N5100 processor, 8GB RAM, 64GB Storage, 11.6" Touch Screen

The school chose the device because of:
- Portability (1.31kg)
- Durability (meets military specification testing)
- Teaching &Learning Affordances
  - Fast boot up time
  - Can last 10hours on a fully charged battery
  - Touch screen & keyboard
  - Use of stylus for Inking function
  - Can be converted to tablet form and used during fieldwork
  - Built in camera
  - Video recording
  - Chromebooks manage updates automatically, thus it always running the on latest and most secure version

F a c t a N o n V e r b a

Bartley Secondary School's Personal Learning Device

What it includes
• Lenovo 500e 11" Chromebook convertible • Accessories - power adapter, wired mouse, carrying case and Lenovo Pen (Stylus) • 3-year warranty and 3-year insurance • 2 repairs or 1 replacement claim

Insurance Coverage

Insurance Coverage	Claimable
- Fire - Lightning - Power Surges - Accidental e.g water spillage, drop etc - Theft due to forcible entry - Robbery * Accidental loss will not be covered by insurance.	2 repairs or 1 replacement (3-year insurance)

Funding Support For Students Who are Singapore Citizen (SC)

- **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.

F a c t a N o n V e r b a

Funding Support For Students Who are Singapore Citizen (SC)

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

  Gross Household Income (GHI) ≤ $3,000, or

  Per Capita Income (PCI) ≤ $750

  #PCI is GHI divided by the number of household members.

  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 Scenario: Student A (SC)

Student A (SC on MOE FAS) GHI ≤ $3000 or PCI ≤ $750
Device Bundle Cost
$582.10

	Student A (SC on MOE FAS) GHI ≤ $3000 or PCI ≤ $750
Device Bundle Cost	**$582.10**
Student Subsidy [50%]	**$291.00 (rounded up to nearest 10 cents)**
Available Edusave Balance *(After setting aside for 2nd-tier misc fees)*	**$200.00 in edusave before deduction** **$200.00 will be deducted**
Additional Subsidy	**$91.10**
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 Students Who are Singapore Citizen (SC)

- For SC students who are on **Non MOE-FAS** or whose family's monthly income is:

    $3,000 < Gross Household Income (GHI) ≤ $4,400, or

    $750 < Per Capita Income (PCI) ≤ $1,100

    #PCI is GHI divided by the number of household members.

    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 Scenario: Student B (SC)

Student B (Non MOE-FAS SC from lower income families) $3000 < GHI ≤ $4,400 or $750 < PCI ≤ $1100	
Device Bundle Cost	**$582.10**
Student Subsidy [30%]	**$174.70 (rounded up to nearest 10 cents)**
Available Edusave Balance *(After setting aside for 2nd-tier misc fees)*	**$200.00 in edusave before deduction** **$200.00 will be deducted**
Additional Subsidy	**$157.40**
Cash Out-of-pocket	**$50.00 [max] – can still tap on edusave if there is sufficient fund in edusave**

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

Funding Support For Students Who are Singapore Citizen (SC)

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.

F a c t a   N o n   V e r b a

Funding Scenario: Student C (SC)

Student C (Not Eligible for Subsidy) GHI > $4,400 or PCI > $1,100	
Device Bundle Cost	**$582.10**
Available Edusave Balance *(After setting aside for 2nd-tier misc fees)*	**$200.00 before deduction** **$200.00 will be deducted**
Cash Out-of-pocket	**$382.10. – can still tap on Edusave if there is sufficient fund in the edusave**

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

What's Next?

What's Next

Time Frame	Activity
By 17 Feb 2023	To indicate **intent to purchase the PLD**, please fill in the online form via this link https://go.gov.sg/pdlpadmin. Link is shared with parents via PG on 26 Jan 2023
	Application for subsidy Please get your child/ward to approach the General office for the form. Do ensure all required documents are submitted by 17th Feb. Application is subjected to approval.

Collection of Devices

- Subjected to stock availability, we are working towards the issuing of the laptops to the students be end of Term 1 or early Term 2.

- Updates would be given via Parent Gateway.

- The default and most convenient mode of collection would be by students in the school. Please rest assure that they would be assisted by MOE ITD staff, vendor from AsiaPac as well as school Teachers.

- Onboarding on DMA would be done on the same day if the child collects the device.

Important Contacts/ Helplines

To access/find out more about...	Contact/Helpline
This deck of slides	School website
Edusave Balance	62600777
Financial assistance available	62889013

THANK YOU