



BARTLEY SECONDARY SCHOOL

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

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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



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National Digital Learning Programme (NDLP)

1. NDLP was launched in March 2020 to help students strengthen their digital literacy and acquire digital skills needed to navigate an increasingly digitalized world.

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

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

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Learning @ Bartley Secondary with a Personal Learning Device

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

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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.



1 SLIDE

1E2_ What come to your mind...

1 SLIDE 30 VOICES



Is tourism the way to go.

I agree to a certain extent that tourism is the way to go. Tourism can have a positive impact on a countries economy, social culture, and environment. Positive impact on a country economy including employment opportunities

ADRI
I agree to a certain extent that tourism is the way to go. As tourism benefits both countries and locals in ways such as the employment opportunities, growth in income and infrastructure development, it can bring about the success of

Honestly, i think tourism is not the way to go. Although that, we need tourism to continue the economy growth in the world. There is more negative impacts than positive impacts on tourism which makes me feel that tourism is not not the way to go. Some of the

yes as most of the negative pts are managable and de positive pts help to contribute to the country greatly

Active Participation

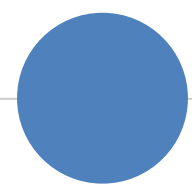
Facta Non Verba

because there are alot of negative impacts such as the dilution of culture and local customs :(

Positive social-cultural impacts include preservation of culture, it protects the way people live. A positive impact on environmental impacts is the

tourism industry offers many employment opportunities such as hotel workers, transportation and many more. Some are even directly linked to the industry

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

Version history

All versions

TODAY

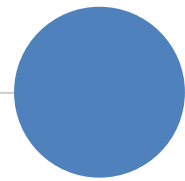
- 25 January, 10:37
 - Mei Yee Soh
 - Goh Qing Yang Edric (Bartleyss)
 - Lewis Goh Ying Jie (Bartleyss)
 - Elisea Cheng Rui See (Bartleyss)
 - Zechariah Jude Lee Tian (Bartleyss)
 - Ooi Qian Yun Eugena (Bartleyss)
 - Yang Kaijing Charmine (Bartleyss)
 - Carreon Emmanuel Denis (Bartleyss)
 - Maitri Tay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

25 January, 10:16
Mei Yee Soh

Show changes

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)

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.

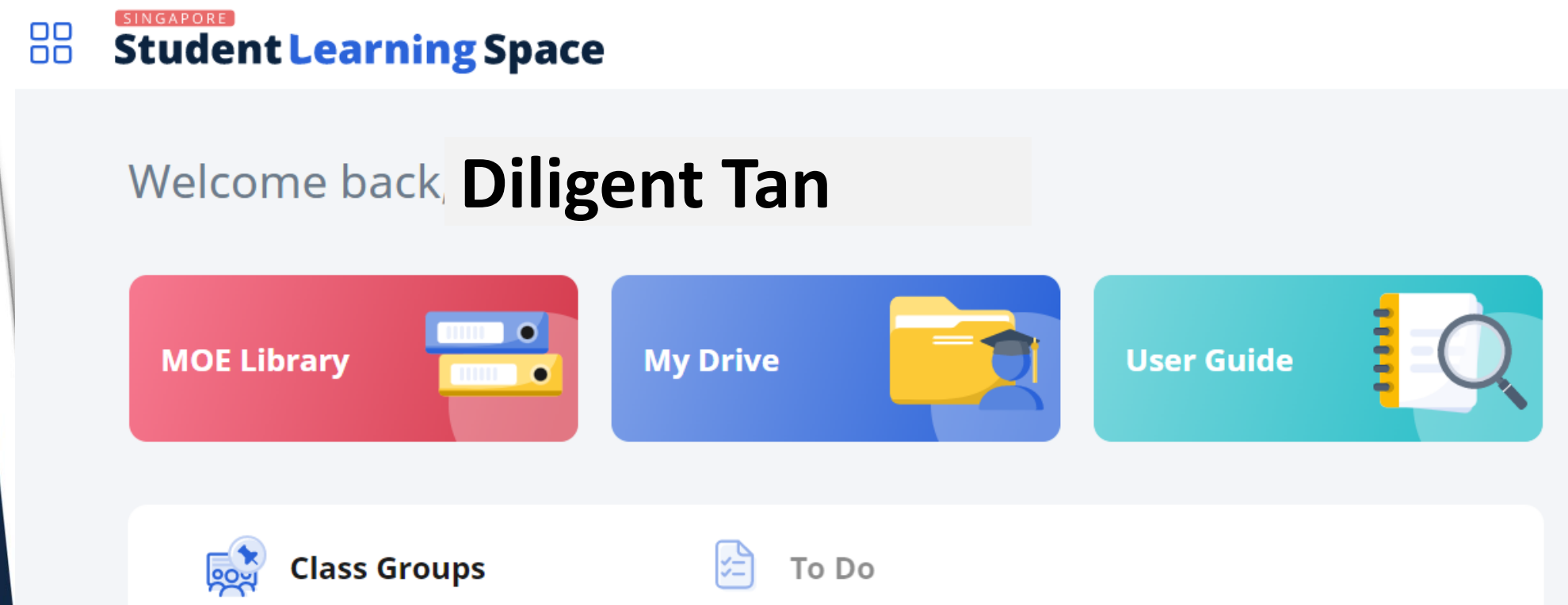
The screenshot displays a learning management system interface. At the top, a dark blue header reads "Assignment Info / Card Details" with a close button. Below this, the assignment title is "forming a community garden". It was created on 18 Jan 2023 at 10:42 AM and last commented on 19 Jan 2023 at 10:15 AM. A "Comments (1)" section shows a comment from a student dated 19 Jan 2023 at 10:15 AM: "i think this is a great idea. Forming a commiunity garden will create an additional space of nature for people. Can you elaborate to suggest how by forming a community garden, will allow people to enjoy nature in a sustainable way?". A "Private comments" sidebar on the right shows a comment from Lee Guo Sheng dated Jan 19, 10:24 AM: "The research done is good, and I appreciate the points that you have brought up. I will want to work with you on organizing your thoughts and your choice of sentences and words to bring greater clarity and impact to your writing. Good effort! I won't want to give you too much info for now, so I will get you to focus on the current comments first." The main content area shows a document titled "Personal Research on Social Media (Learners for Life day 18 Jan 2023)" with a search bar and a text editor. The document text includes: "For the uninitiated, Social media is an amalgamation of interactive platforms that enable users to instantly create and share information, ideas and interests with the public. This allows teenagers to express themselves in a creative outlet and open space. Consequently, this may lead to dangerous experiences while using viral apps like TikTok, Instagram, Youtube and Twitter, where everything is fake and hidden behind phone screens." and "Most teens create online identities to converse and even start an online community. These communities can imbue teenagers with support, especially those with disabilities and much more. Due to the wider exposure of the world's affairs, the younger generations can interact across racial, religious barriers and educate teens about various topics. Using the humorous side of social media as a source of entertainment provides deeper connections with friends which might even help teenagers avoid depression or anxiety rooted problems. However, using social media can also leave a harmful impact on teens." and "Social media may negatively affect teenagers by distracting them, worsening sleep schedules, cyber bullying and unreasonable views of people's lives that usually leads to peer pressure or even low self-esteem and confidence. This outcome might be caused by the high spike of screen time in online platforms used by teenagers. A 2019 study of more than 6000".

Receive timely & personalised feedback from teachers

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

● Encourage Self-Directed Learning



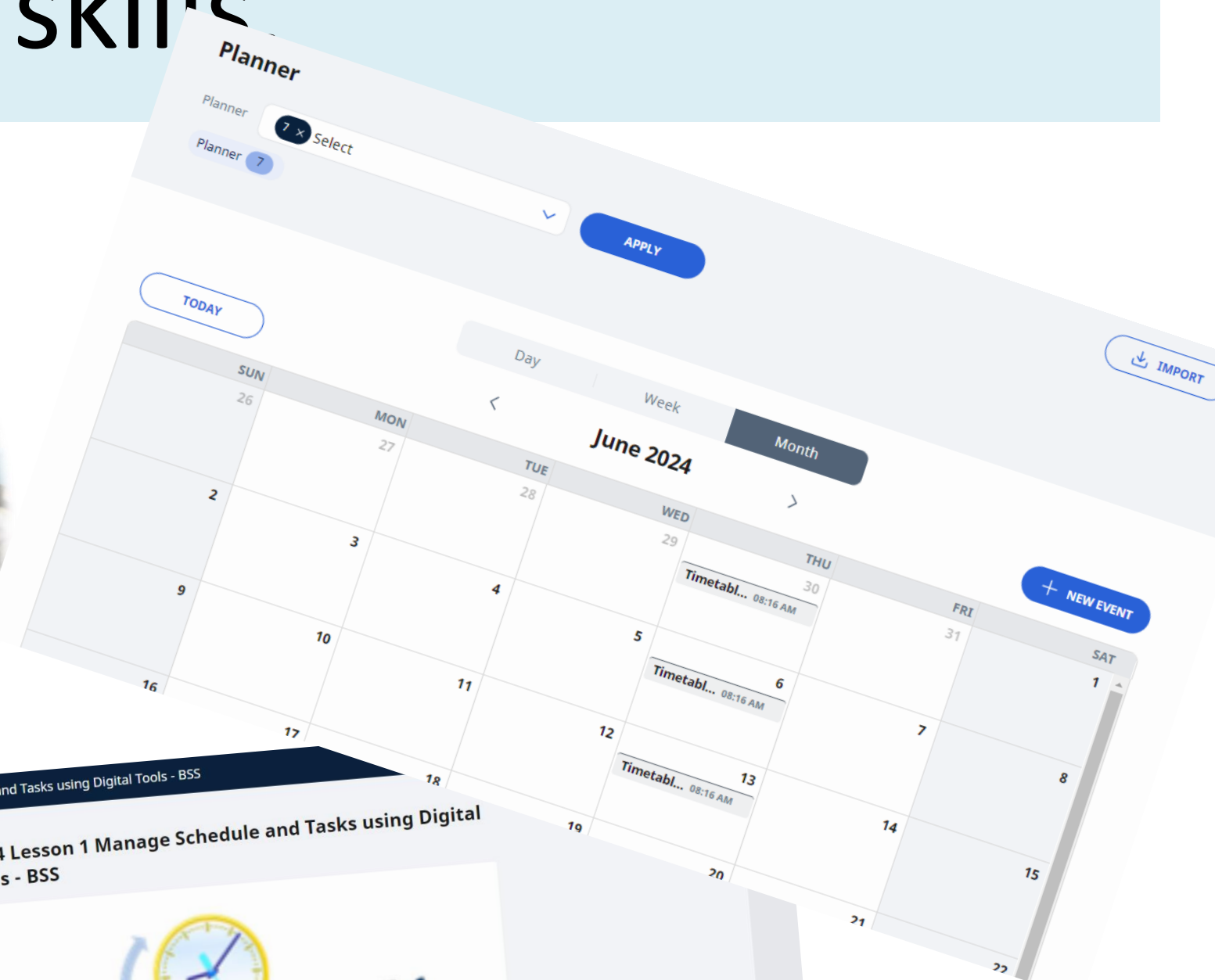
Review past lessons and access digital resources curated by the teachers on the Singapore Student Learning Space (SLS) to enhance their own learning anytime.

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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 such as presentations.



LO14 Lesson 1 Manage Schedule and Tasks using Digital Tools - BSS





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Supporting Students in the Safe and Effective Use of the Devices

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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 cyberwellness



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



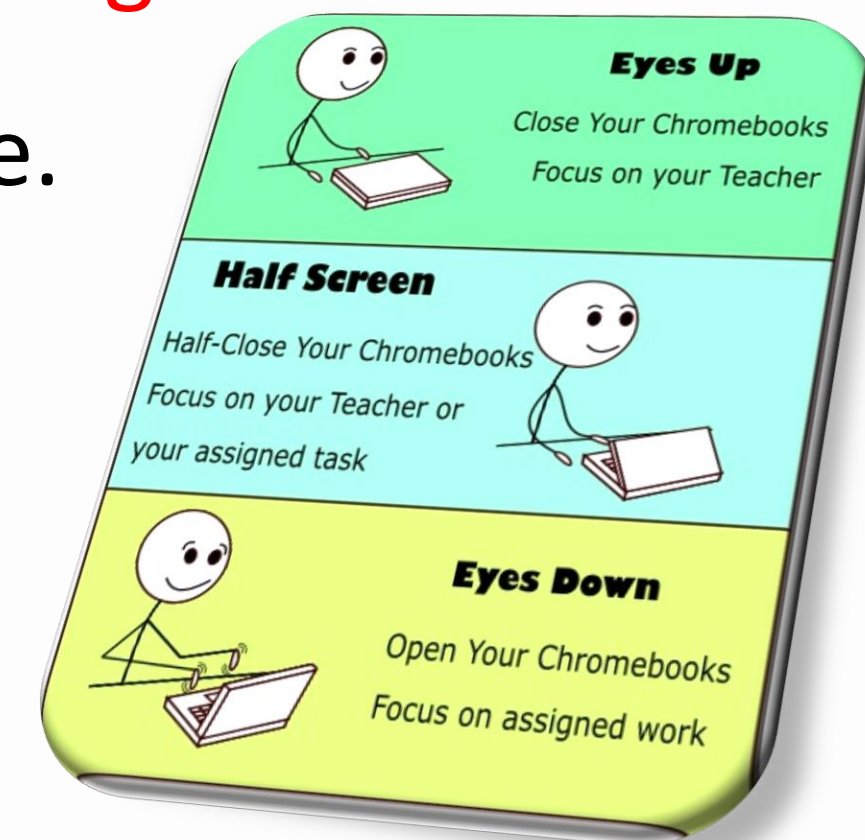
Installation of Device Management Application (DMA)



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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.
- Effective classroom management strategies by teachers.
 - Use of a common language when PLD is in use the class.
- Lock up PLD when not in use in the device locker provided.
- At the end of the day, students will bring their PLD home to charge.



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Classroom Management & Routines

- **Acceptable Use Policy (AUP):**
 - Found on the school's website:
- **Information > Parents > Acceptable Use Policy/**
- **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.**

OUR SCHOOL ▾ OUR SIGNATURE PROGRAMMES ▾ OUR HOLISTIC CURRICULUM ▾ OUR PARTNERS ▾ INFORMATION ▾ CONTACT US 🔍

HOME / INFORMATION / STUDENTS / ACCEPTABLE USE POLICY

Acceptable Use Policy

Students ^

- Curriculum Timetable
- School Calendar
- Learners For Life Day
- Acceptable Use Policy**
- Accessing Student ICON
- Basic troubleshooting tips

The Acceptable Use Policy (AUP) is applicable to all students within this school, encompassing the use of school ICT facilities, equipment, and resources. This policy extends its coverage to users' personal devices, such as mobile phones and PLDs. ICT facilities, equipment and resources include the following, but are not limited to, school's internet network, IT Lab, hardware (e.g. laptops, tablets, computers), software (e.g. school's learning management system, productivity software, online tools) and peripherals (e.g. projector, scanner, camera).

In order to ensure a safe and conducive learning environment, students are expected to abide by the rules stated in this Acceptable Use Policy Agreement.

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Cyberwellness Education

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

The broad topics covered in the Cyber Wellness lessons include:

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

Cyberwellness Education

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

Cyberwellness Education

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.**



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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.

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.
- 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 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.

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

The following tables outline the different levels of restrictions, controls, and monitoring for the different DMA options after school hours.

Default	Option A	Option B
<p>In-school DMA settings will continue after school Hours</p>	<p>Parents/Guardians can modify the DMA settings after school hours [6pm to 11pm]</p>	<p>Parents/Guardians can choose to disable DMA after school hours [6pm to 11pm]</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.

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

	Default	Option A	Option B
Web filtering	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 <u>unable</u> 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		<p>Parents/Guardians will <u>not</u> 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>

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?

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

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

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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>)



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Device & Funding Information

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Bartley Secondary School's Personal Learning Device



Intel N100 processor,
8GB RAM, 64GB Storage,
11.6" Touch Screen

The school will be using the **Lenovo Chromebook Convertible 500e Gen 4** for teaching and learning.

Comes with 3 year warranty and insurance

Total Cost with GST: \$587.50

Bartley Secondary School's Personal Learning Device

What it includes

- Lenovo 500e 11" Gen 4 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

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 (1.32kg)
- Durability (meets military specification testing)
- Teaching & Learning Affordances
 - Fast boot up time
 - Can last 10 hours 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 Dual camera
 - Video recording
 - Chromebooks manage updates automatically, thus it always running the on latest and most secure version

Insurance Coverage

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>	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 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 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) \leq \$3,000, or

Per Capita Income (PCI) \leq \$750

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

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, 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	\$587.50
Student Subsidy [50%]	\$293.80 (rounded up to nearest 10 cents)
Available Edusave Balance <i>(After setting aside for 2nd-tier misc fees)</i>	\$200.00 in edusave before deduction \$200.00 will be deducted
Additional Subsidy	\$147.70
Cash Out-of-pocket	\$0.00

Remaining \$347.70
after subsidy

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:

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

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

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

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, 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)

$\$3000 < \text{GHI} \leq \$4,400$ or $\$750 < \text{PCI} \leq \1100

Device Bundle Cost	\$587.50	
Student Subsidy [30%]	\$176.30 (rounded up to nearest 10 cents)	
Available Edusave Balance <i>(After setting aside for 2nd-tier misc fees)</i>	\$200.00 in edusave before deduction \$200.00 will be deducted	Remaining \$411.20 after subsidy
Additional Subsidy	\$161.20	
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.

Funding Scenario: Student C (SC)

Student C (Not Eligible for Subsidy) GHI > \$4,400 or PCI > \$1,100	
Device Bundle Cost	\$587.50
Available Edusave Balance <i>(After setting aside for 2nd-tier misc fees)</i>	\$200.00 before deduction \$200.00 will be deducted
Cash Out-of-pocket	\$387.50 – 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.**



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What's Next?

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What's Next

Time Frame	Activity
By 2 Feb 2024	<p>To indicate intent to purchase the PLD, please fill in the online form via this link https://go.gov.sg/pdlpadmin.</p> <p>Link is shared with parents via PG on 16 Jan 2024</p>
	<p>Application for subsidy</p> <p>Please get your child/ward to approach the General office for the form. Do ensure all required documents are submitted by 16th Feb. Application is subjected to approval.</p>

Collection of Devices

- Subjected to stock availability, we are working towards the issuing of the laptops to the students by 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 assured 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