

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





Overview of Briefing

- **Overview of NDLP and the PLD initiative**
- **Learning @ Bartley with Personal Learning Device**
- **Supporting Students in the Safe and Effective Use of Devices**
- **Device and Funding**
- **What's next**

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 a Personalised Learning Environment

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



**Support the
Development of Digital
Literacies**

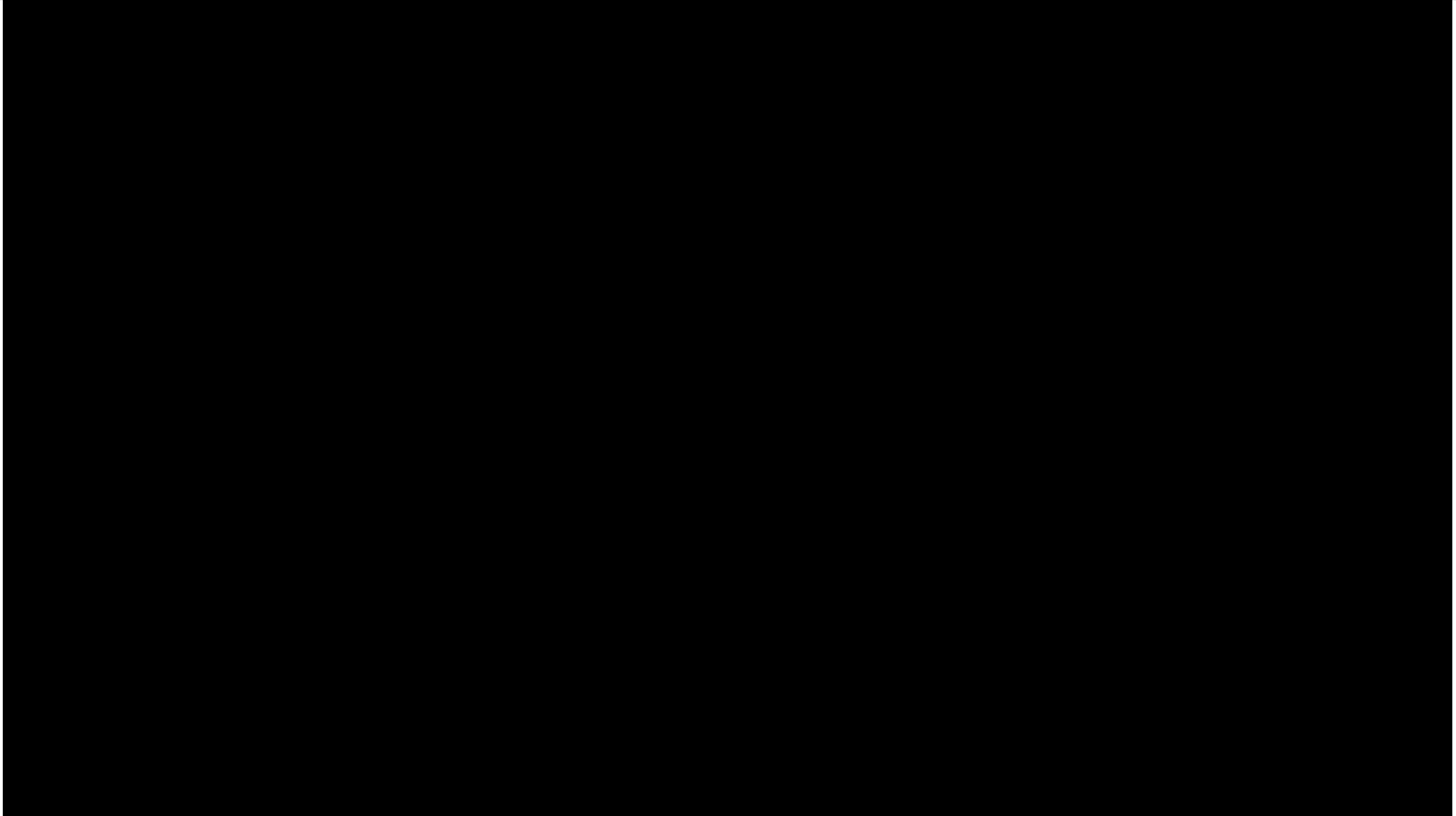


**Support self-directed and
collaborative learning**



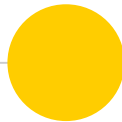
**Enhance Teaching and
Learning**

Personal Learning Device for Teaching and Learning



Learning @ Bartley Sec with a Personal Learning Device

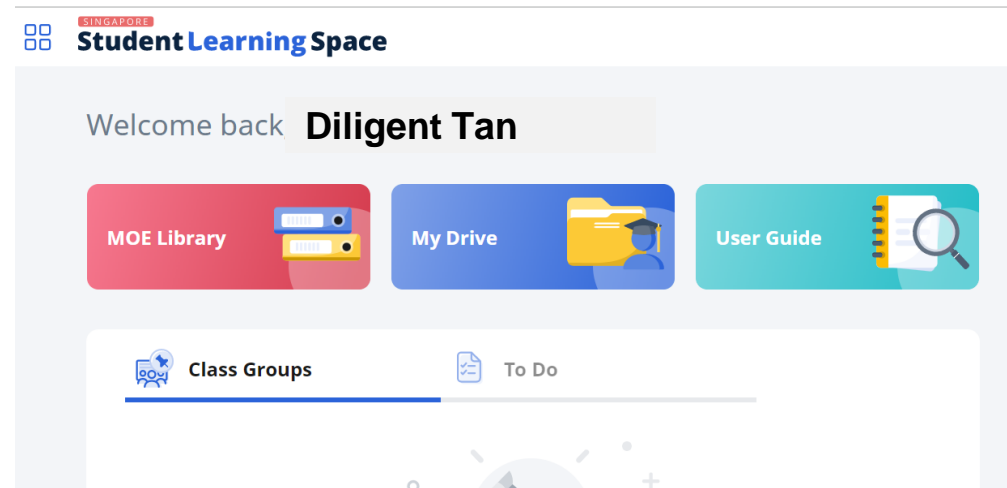
**Transforming the Culture of Learning
Preparing Students for the Future**



How will your child use the Personal Learning Devices in Bartley ?

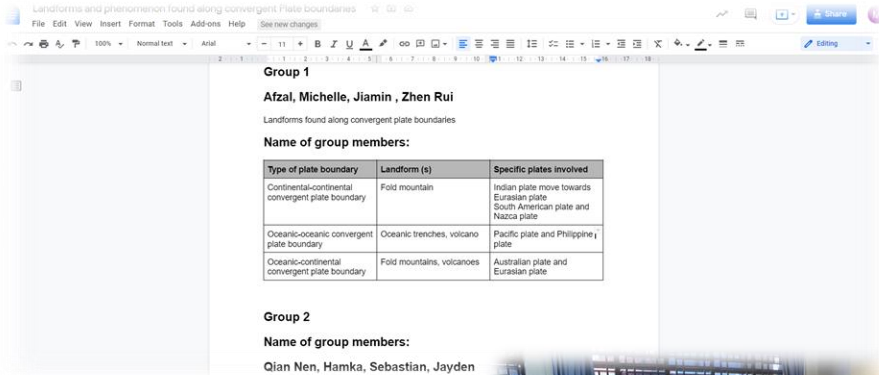


Review past lessons and access digital resources curated by the teachers on the Singapore Student Learning Space (SLS) to enhance their own learning anytime.



How will your child use the Personal Learning Devices in Bartley ?

To collaborate with others within and outside the classroom



Landforms and phenomenon found along convergent Plate boundaries

Group 1

Afzal, Michelle, Jiamin , Zhen Rui

Landforms found along convergent plate boundaries

Name of group members:

Type of plate boundary	Landform (s)	Specific plates involved
Continental-continental convergent plate boundary	Fold mountain	Indian plate move towards Eurasian plate South American plate and Nazca plate
Oceanic-oceanic convergent plate boundary	Oceanic trenches, volcano	Pacific plate and Philippine I plate
Oceanic-continental convergent plate boundary	Fold mountains, volcanoes	Australian plate and Eurasian plate

Group 2

Name of group members:

Qian Nen, Hamka, Sebastian, Jayden



How will your child use the Personal Learning Devices in Bartley ?



**Capturing students' voice:
To share his/her thoughts and building on one another's
knowledge**

1 SLIDE

1E2_ What come to your mind...

1 SLIDE 30 VOICES

Word Cloud

The code lets your audience join the presentation. It expires in 2 days.



Is tourism the way to go?

Considering what we had covered on the various impacts of tourism, do you think tourism is the way to go? Add your response and explain for your stand.

i agree to a certain extent that tourism is the way to go. tourism affects individual and country in both positive and negative way. even though there are negative impacts on tourism, nevertheless it is still a huge source of income to ones country apart from trading. tourism have many positive

;) 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, growth in income, increase in foreign exchange revenue and development of infrastructure and facilities. Positive social-cultural impacts include preservation of culture, it protects the way people live. A positive impact on environmental impacts is the

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 a country and economy to increase. For example, the employment opportunities which forms part of the service sector of and economy. The tourism industry offers many employment opportunities such as hotel workers, transportation and many more. Some are even directly linked to the industry

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 negative impacts may even cause a lot of harm towards the culture and its society and even more.

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

yes i agree to a certain extent that tourism is the way to go because we will experiences new culture and try out new foods and we will get to know more abt the culture nd religion

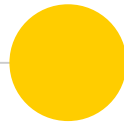
How will your child use the Personal Learning Devices in Bartley ?

Creation of digital artefacts



Supporting Students in the Safe and Effective Use of the Devices

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



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

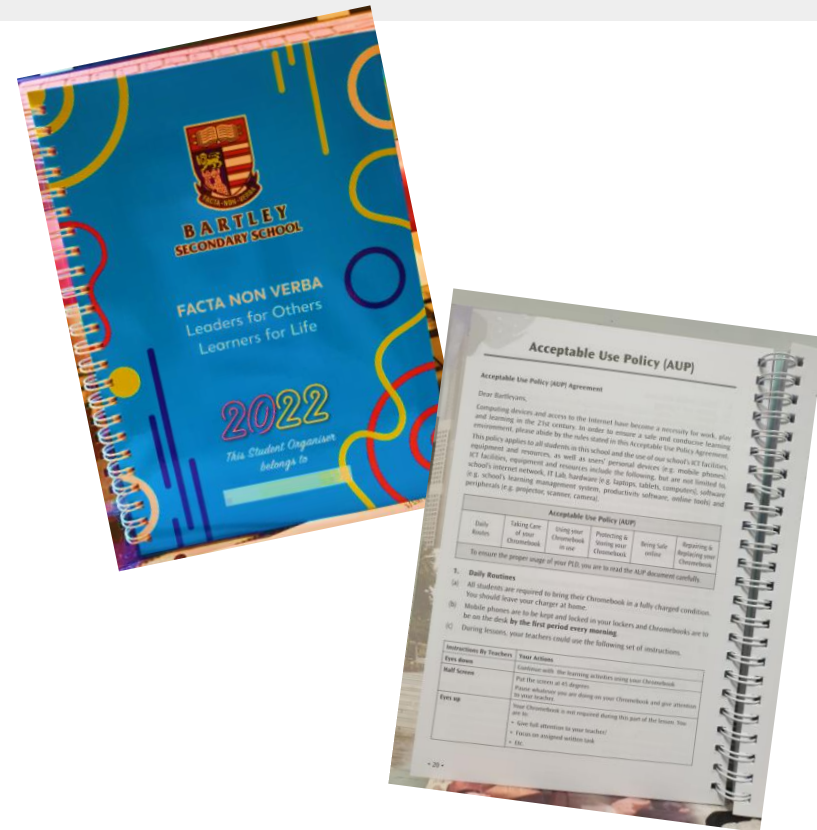
- All students are required to **bring their PLD to school in a fully charged condition everyday**. They should leave their PLD charger at home.
- At the end of the day, students will bring their PLD home to charge.

Classroom Management and Routines

- When students have to leave the classroom for PE/Recess or to other learning venues where the PLD is not needed, they are expected to lock their PLD in the device locker provided for them in the classroom.
- Two students will share one device locker and they will provide their own lock and key.
- Students are to take responsibility for their lock and key.
- They will also act as peer support to remind each other to keep their devices securely.

Classroom Management & Routines – Acceptable Use Policy (AUP)

- The AUP found in your child's student organiser (Page 22 to 27) will help your child to **understand the expectations of device use to enable a conducive learning environment.**
- It also **outlines the consequences** for violating the policy.
- Parent/Guardain could refer to the AUP when helping to manage your child's/ward's use of the PLD.

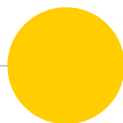


Cyber Wellness Education

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

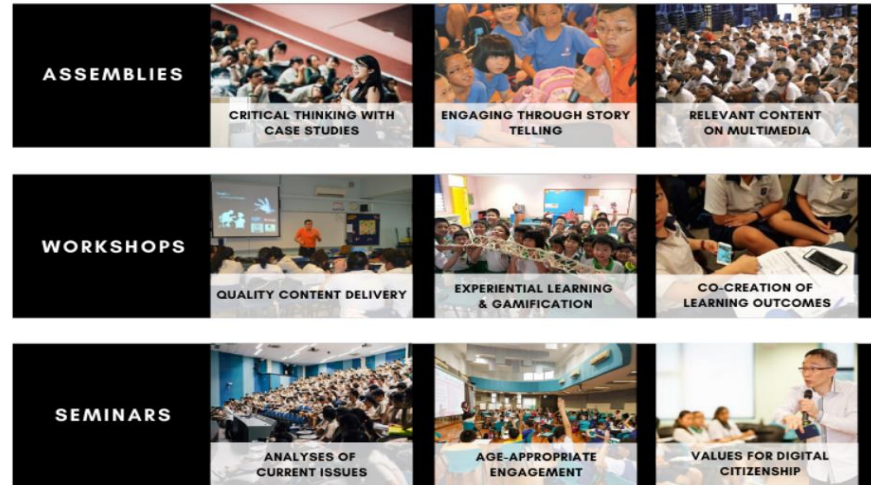
Topics covered in the Cyber Wellness lessons include:

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



Cyber Wellness Education

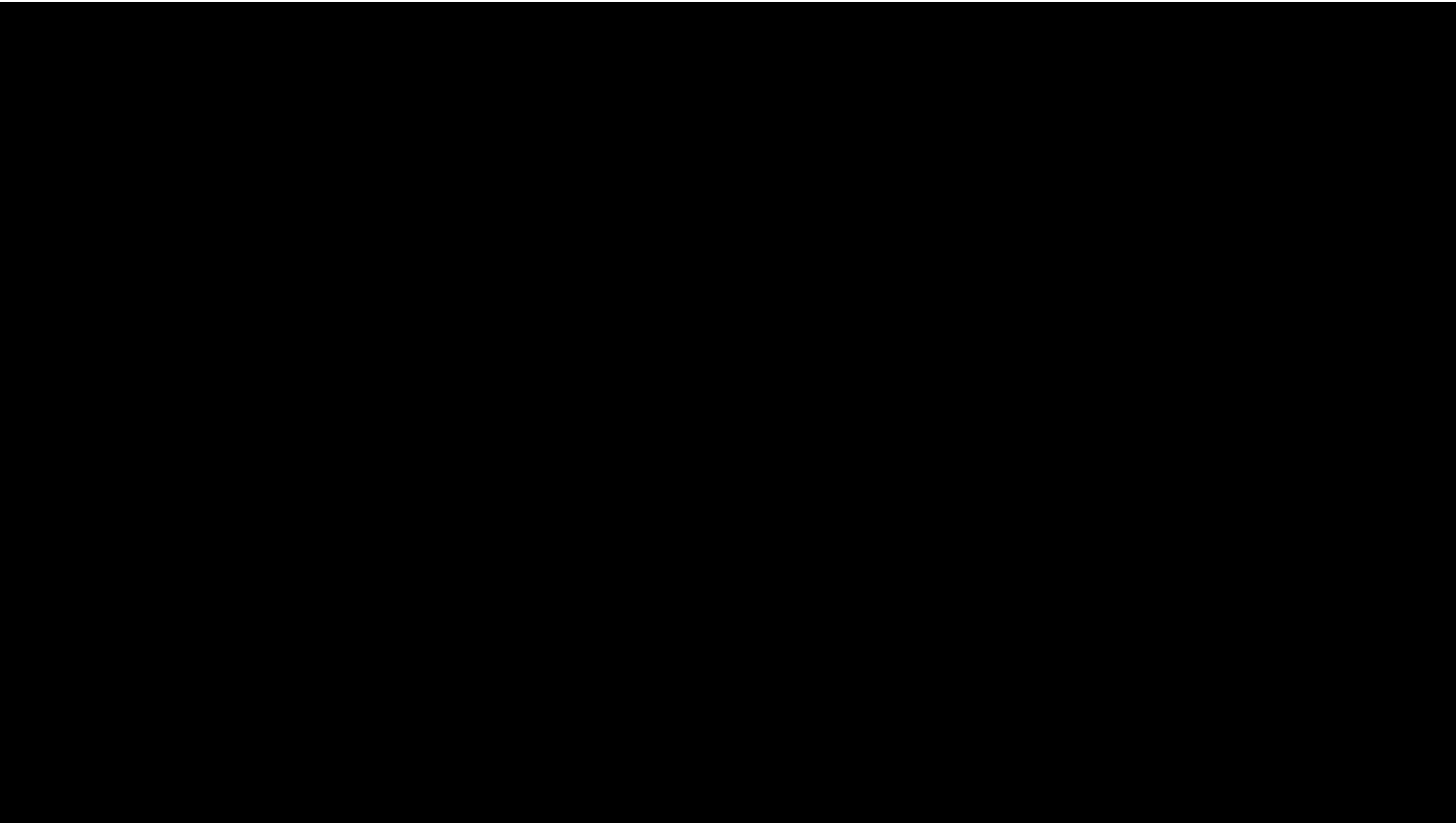
In addition, through various programmes such as assembly talks and sharing by student leaders, students will continue to learn to be **respectful, safe, and responsible users of technology.**



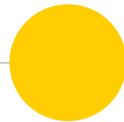
Cyber Wellness Education

- We would like to partner parent/guardians to ensure that students are well supported in their use of technology for learning.
- As parents, 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.

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



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 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**.

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 **6a.m. to 11 p.m.**
- 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>In-school DMA settings will continue after school Hours [6pm to 11pm]</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.
- 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
Protecting students from objectionable content	MOE/school sets level of web content filtering	Parents/Guardians can apply additional content filtering	No content filtering
Reduce distractions from learning through 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 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.

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 <u>not</u> 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

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.

Data Collected by the DMA

The DMA does **NOT** collect any of the following data:

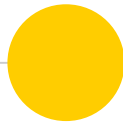
- Login IDs and passwords entered into websites or into any applications
- Actions performed (e.g. posts, online comments, items added to a shopping cart, etc.) when visiting websites and using apps
- Documents and photos stored in the PLDs
- PLD location
- Webcam videos and microphone recordings

Additional Resources for Parents

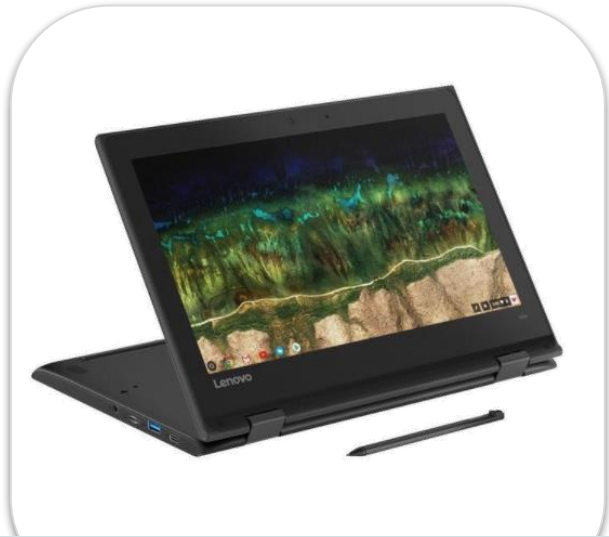
To support you in keeping your child/ward safe online, you may refer to these additional resources:

- Parent 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>)
- You will receive additional resources from the school as we partner together to reinforce good practices when it comes to the use of PLD by the children.

Device and Funding Information



Bartley Secondary School's Personal Learning Device

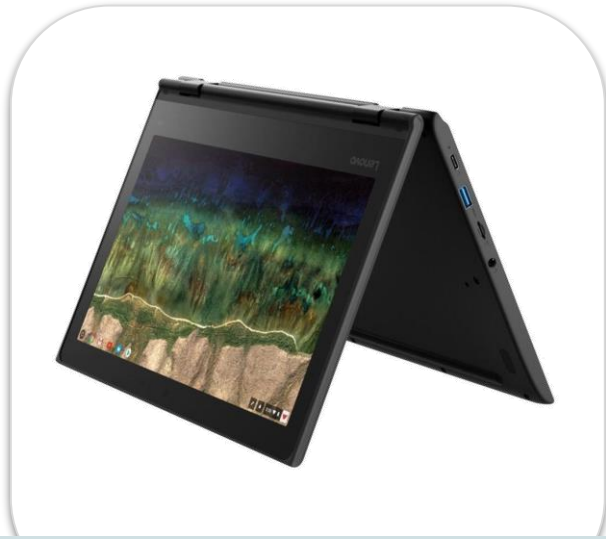


Intel N4120 processor,
8GB RAM, 64GB Storage,
11.6" Touch Screen

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

Total Cost with GST: \$518.90

Bartley Secondary School's Personal Learning Device



Intel N4120 processor,
8GB RAM, 64GB Storage,
11.6" Touch Screen

The school chose the device because of:

- Portability (1.31kg)
- Durability (meets military specification testing)
- T&L Affordances
 - 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 Dual camera
 - Video recording

Bartley Secondary School's Personal Learning Device

Enhanced Device Bundle

What it includes

- Lenovo 500e 11" Chromebook convertible
- Comes with power adapter, wired mouse, carrying case and Lenovo Stylus
- 3-year warranty and 3-year insurance
- 2 repairs or 1 replacement claim

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 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.

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

• Funding Support for Singapore Citizen (SC) Students

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

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

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

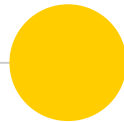
the school will subsidise 30% of device bundle cost or \$200, whichever is lower.

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



What's Next

Time Frame	Activity
By 4 Feb	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 19 Jan.

Parents would have received the letter on NDLP via PG on the following 19 Jan 2022.

To proceed with the purchase of the PLD, please fill in the online form via this link

<https://go.gov.sg/pdlpadmin>

Collection of Devices

We are expecting the devices to be ready for deployment by end of Term 2.

Updates would be given via Parent Gateway.

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

