# The National Digital Literacy Programme (NDLP) and

# The Personal Learning Device (PLD)

# Briefing

# (7 Feb 2026)

**Facta Non Verba**

**BARTLEY SECONDARY SCHOOL**

# 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 steps 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 are who are Singapore Citizens may use funds from their Edusave Account to pay for the PLD.

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# 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 (PLD)

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# How does having a PLD supports your child's learning in Bartley?
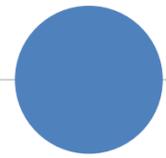
Supports your child to learn actively in class through a series of blended lessons with a mixture of online and face to face interaction.



Join at menti.com | use code 5523 2798

What comes to your mind when think of the word 'HAZARDS'.

Active Participation

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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.

Development of 21 CC skills Communication, Collaboration and Information skills

# 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

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

Encourage **Self-Directed Learning**



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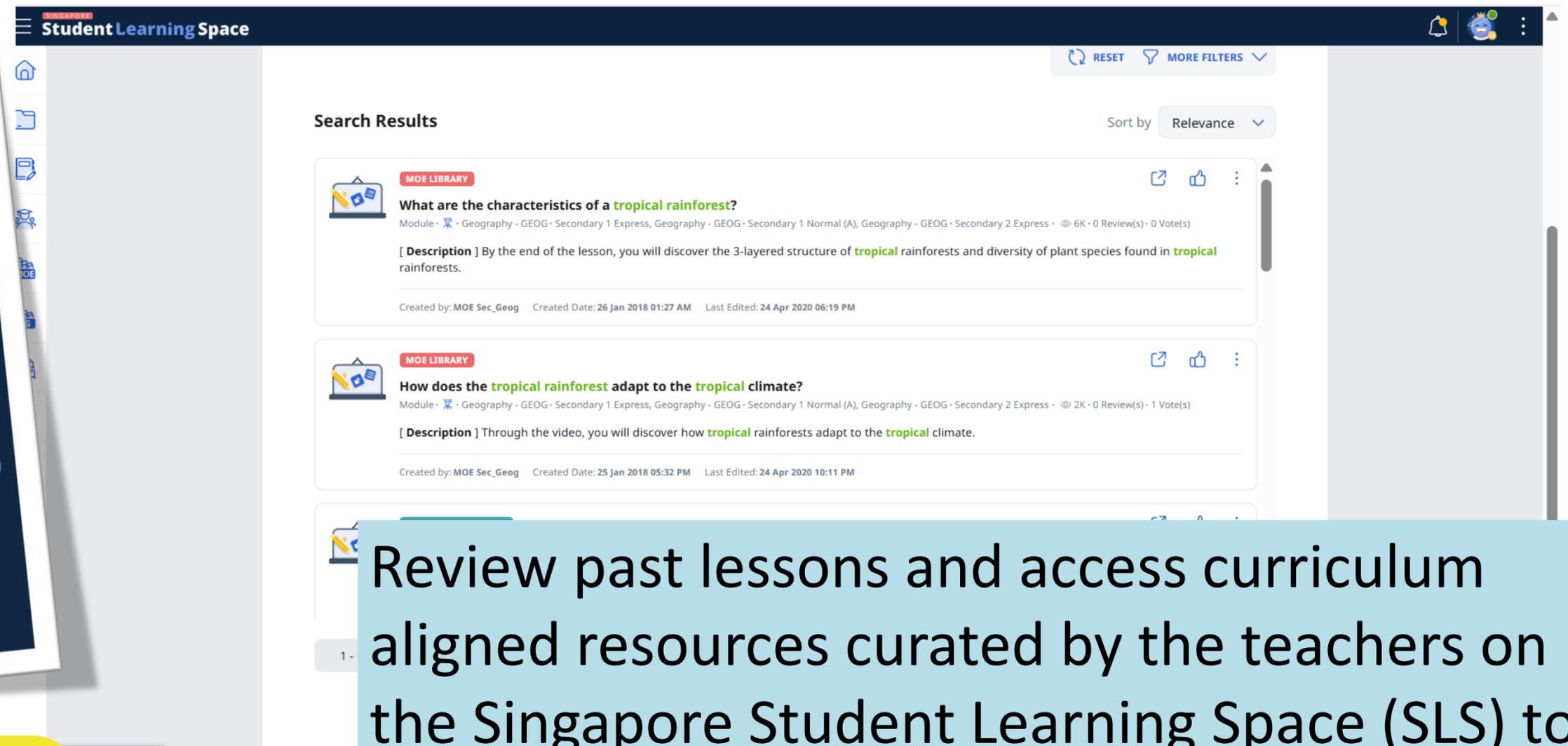
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Review past lessons and access curriculum aligned resources curated by the teachers on the Singapore Student Learning Space (SLS) to enhance their own learning anytime.

# How does having a PLD supports your child's learning in Bartley?
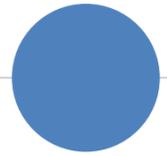
Develop **digital productivity skills.**

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

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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:

School rules on the use of digital devices

Classroom management and routines

Cyberwellness Education in CCE

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

MOE Device Management Application (DMA) to support a safer digital environment for learning

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# Classroom Management & Routines

- **Acceptable Use Policy (AUP):**

  - Found on the school's website:

  **Student Services> Acceptable Use Policy**

  - Outlines **the expectations of device use** to **enable a conducive learning environment**.

  - Parent/Guardian could refer to the AUP when helping to manage your child's/ward's use of the PLD.

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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.

  - Students are nNot allowed to take out PLD when instructions were not given

  - Use of a common language by teachers 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.

**Eyes Up**
Close Your Chromeboo
Focus on your Teache

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

**Eyes Down**
Open Your Chromebooks
Focus on assigned work
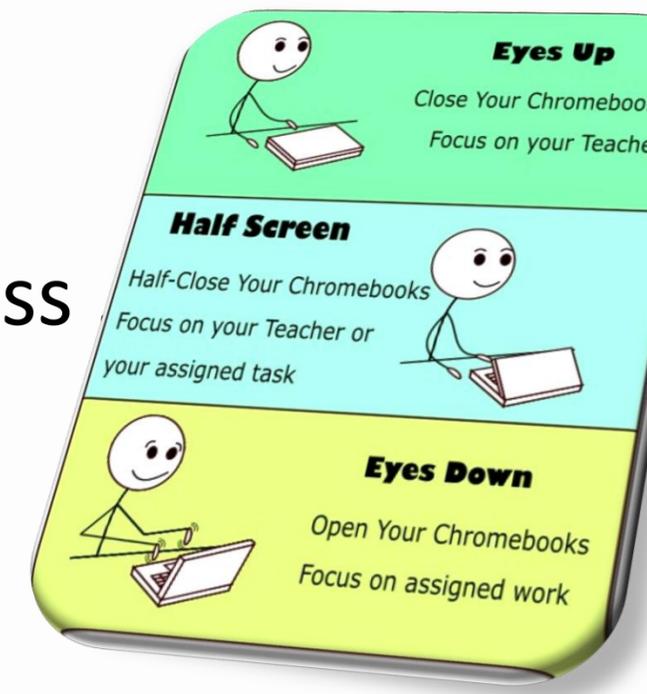
# **Cyberwellness Education in CCE**

**Educating students on Cyber Wellness**

Cyber Wellness lessons will feature significantly in the Character and Citizenship Education (CCE). The broad topics covered in Cyber Wellness are:

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

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# **Cyberwellness Education in CCE**

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

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# 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.**



Stop Cyberbullying
Day
&
Online Disinhibition

Technology Leader Sharing
23 May 2022

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# **Cyberwellness Education**

- Parents/guardians play a crucial role in guiding your child/ward to use devices responsibly and safely. 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.

✓Discuss and come up with **ground rules** for internet/device usage that both your child/ward and you can agree with..

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

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# Supporting Resources

Here are some resources that you can refer to:

A. Bite-sized tips and advice **via Parentingwith.MOEsg Instagram page**

**B. Resources from MOE and other agencies**
*(available on resources repository in Parents Gateway)*



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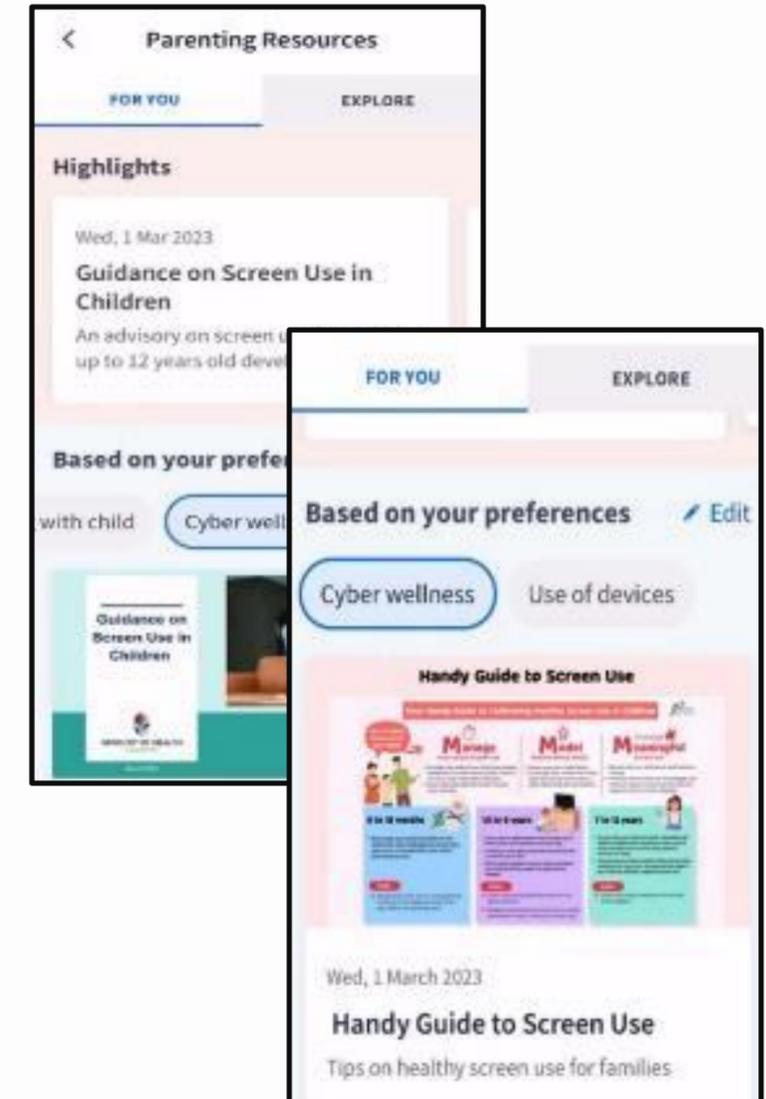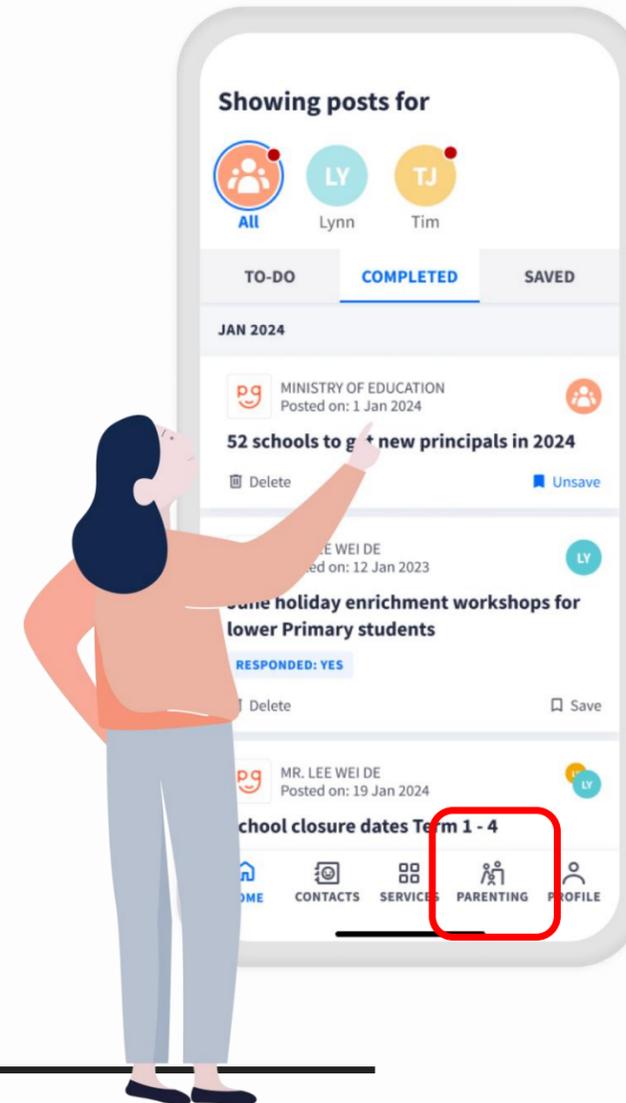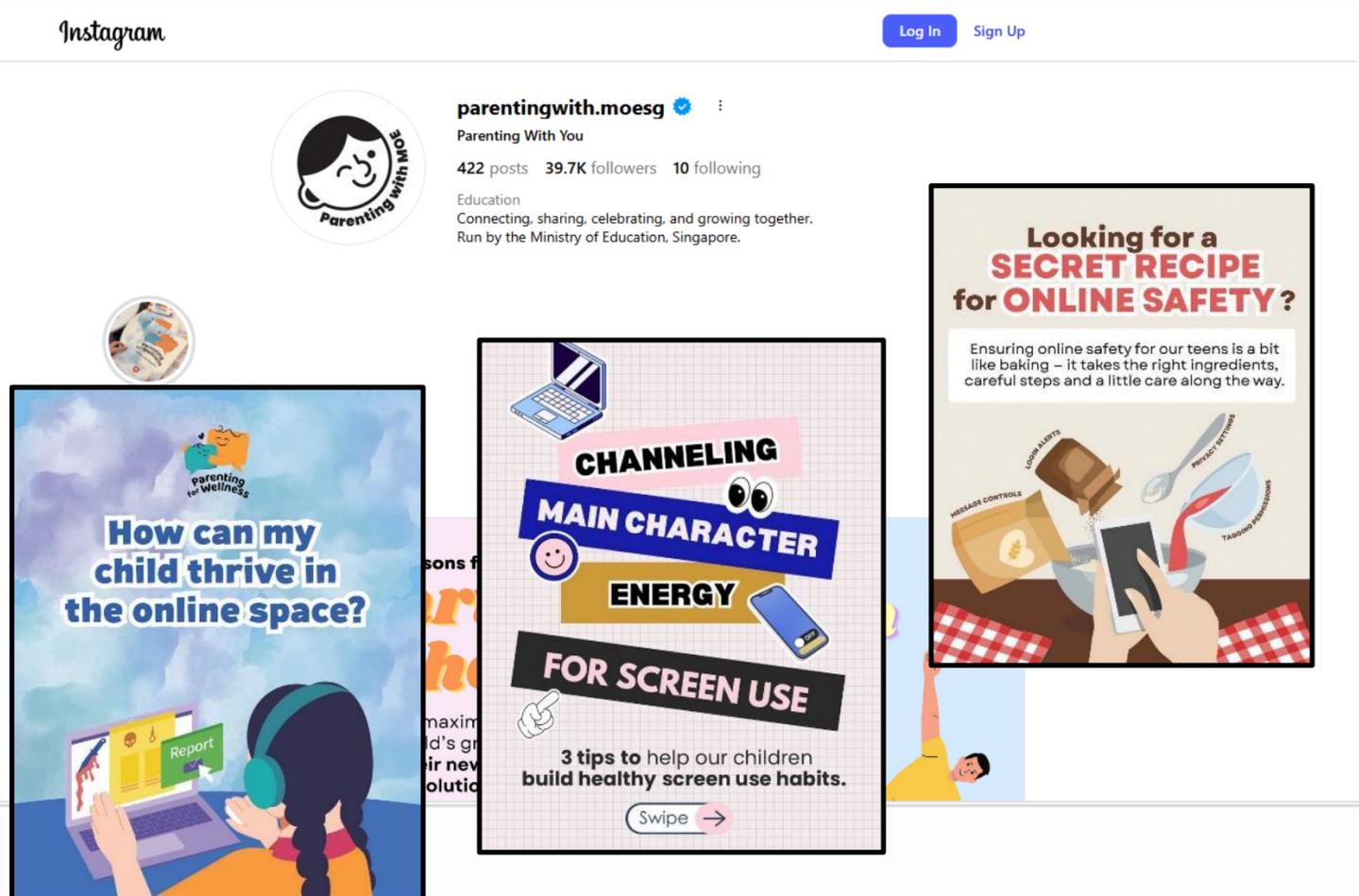
# Supporting Resources

**C. Parenting for Wellness Toolbox for Parents** and
**Parenting for Wellness Website** on Parent Hub

The Parenting for Wellness initiative provides bite-sized
resources (practical tips and strategies) on building strong
parent-child relationships, supporting your child's mental well-
being and parenting in the digital age.
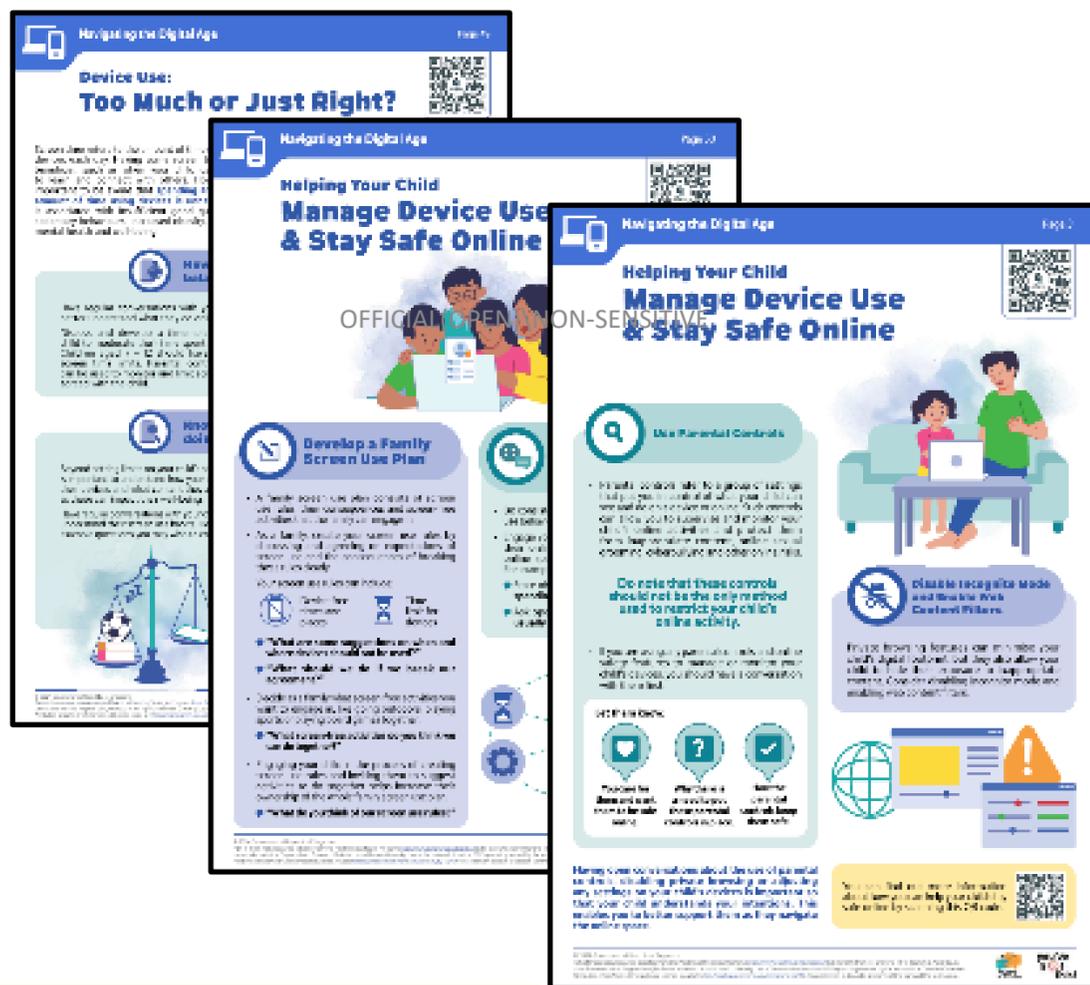
**D.** More resources are available via **the MOE Cyber
Wellness Webpage**



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

# Device Management Application (DMA) Installation

- The MOE DMA solution for Chromebook, Lightspeed Systems®, is an app that will be installed on all students' PLDs to support their safe and responsible use of devices.

- The DMA will be funded by MOE.

- The installation of the MOE DMA applies to both devices purchased through the school and any student-owned devices that parents/guardians opt for the student to use instead of the school-prescribed PLD.

- The MOE DMA will be installed after the collection of the device. Students will be guided on the installation.

- The MOE DMA will be uninstalled from the device when students graduate or leave the school.

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# In School DMA Setting [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. pornography, gambling, or websites containing extremist content)

- School hours is defined to be from 6.30a.m. to 6p.m. and after school hours would be from 6.30p.m. – 10.30 p.m. The device will shut down at 10.30 p.m. by default.

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

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# After-School DMA Parent Options

1. After-School DMA Parent Options provide parents with the flexibility in managing their child's/ward's use of the PLD after school hours.
2. The following tables outline the different levels of restrictions, controls, and monitoring for each DMA option after school hours.

| Default | Option A | Option B |
|---|---|---|
| **Default Setting (Note: This will apply if no alternative options are chosen)** | **DMA settings can be modified by Parents/Guardians after school hours** | **DMA will be inactive after school hours[1]** |
| For parents/guardians who want their child's/ward's use of the PLD 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 prefer to take charge of the level of restrictions for their child's/ward's use of the PLD after school hours regulated by the DMA. | For parents/guardians who do not want their child's/ward's use of the PLD after school hours to be regulated by the DMA at all. |

[1] No data will be collected after school hours when the DMA is inactive.

- 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.

# After-School DMA Parent Options

| | **Default Setting** (This will apply if no Alternative Options are chosen) | **Alternative Setting: Option A** (DMA settings can be modified) | **Alternative Setting: Option B** (DMA will be inactive only after school hours) |
|---|---|---|---|
| **Protect students from objectionable content** | Web content filtering will include, and not limited to the following categories: <br> • Violent/extremist content <br> • Sexual/pornographic content <br> • Suicide/self-harm content <br> • Cyberbullying content <br> • Content endangering public health <br> • Gambling-related content | Parents/Guardians will be able to include additional web content filtering by requesting school block any harmful website in addition to major social media websites (e.g., YouTube, Pinterest, X, Instagram, Facebook). <br><br> 25 <br><br> However, parents/guardians cannot allow access to web content that is filtered out under the Default Setting. <br><br> Parents can pause internet access after school hours. | No content filtering after school hours if a student logs in to the Chromebook via his/her personal Google Account. |

# After-School DMA Parent Options

| | Default Setting (This will apply if no Alternative Options are chosen) | Alternative Setting: Option A (DMA settings can be modified) | Alternative Setting: Option B (DMA will be inactive only after school hours) |
|---|---|---|---|
| **Reduce distractions from learning through control of applications** | Parents/Guardians and students will be unable to install additional Chrome extensions and/or applications. | Parents/Guardians will be able to install additional Chrome extensions and/or applications by submitting a request to the school.<br><br>As these applications will be accessible both during and after school hours, please ensure that the requested applications support your child's/ward's learning. | Parents/Guardians and/or students will be able to install additional Chrome extensions and/or applications after school hours via the Google Play Store, using the parent's/student's personal Google account.<br><br>These applications will not be accessible during school hours as students will have to login using their student iCON account. |

# After-School DMA Parent Options

| | Default Setting (This will apply if no Alternative Options are chosen) | Alternative Setting: Option A (DMA settings can be modified) | Alternative Setting: Option B (DMA will be inactive only after school hours) |
|---|---|---|---|
| **Limit screen time** | The school will define the specific hours during which the PLD is allowed to access the internet. | Parents/Guardians can modify the amount of screen time for their child/ward by requesting the school set sleep hours (by selecting 1 prescribed option) on their child's/ward's PLD.[2] | No limitation on duration of screen time after school hours.<br><br>Sleep hours are not enforced.[3] |

[2] During school hours, the screen time limits set by the school will override parents/guardians' settings.

[3] It is not recommended to install other parental controls (e.g., Google's Family Link) as this could result in conflicting settings between school and parent controls. It may result in unexpected issues where some controls such as screen time restrictions may not work as intended.

# After-School DMA Parent Options

| | **Default Setting** (This will apply if no Alternative Options are chosen) | **Alternative Setting: Option A** (DMA settings can be modified) | **Alternative Setting: Option B** (DMA will be inactive only after school hours) |
|---|---|---|---|
| **Monitor students' cyber activities** | Parents/Guardians will not be able to track their child's/ward's browser history. | Parents/Guardians can track their child's/ward's browser history after school hours via. the Lightspeed parents' portal. A Filter Portal Weekly Report can also be emailed to them. | Parents/Guardians will not be able to track their child's/ward's web browser history. |
| **Provision of Parent Account** | X | ✓ | X |

# Support for Parents/Guardians

Parents/guardians may wish to consider the following questions to decide the After-School DMA Parent Option that best suits your child/ward.
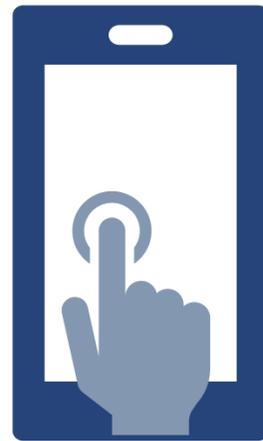
**A. Child's/ward's current device usage habits**

- 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?

**B. 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?

**Facta Non Verba**

# Data Collected by the MOE DMA

1. The MOE DMA does **<u>NOT</u>** 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

2. Parents may update their personal data (e.g., email addresses, names) by contacting the school, in accordance with the Personal Data and Protection Act (PDPA).

# Data Security

- All user data collected through the MOE DMA will be stored in secure servers managed by appointed DMA Vendors with stringent access controls and audit trials implemented.

- Data such as device information, email address of students and parents, device information will be deleted when the student graduates or leaves school. Website URLs accessed by students will be deleted at the end of each term.

- The MOE DMA solutions used are cloud-based Software-as-a-Service (SaaS) solutions and are trusted solutions that have been operating for many years. They have also been subject to regular security reviews and assessments by independent reviewers.

# Data Security

- The MOE DMA solutions have sufficient security robustness to ensure that the data collected is properly stored and protected. MOE will also subject the DMA Vendors to regular security system audits based on tender requirements.

- To prevent unauthorised access, DMA Administrators and DMA Vendors will be required to access their accounts using 2-factor authentication or the equivalent to ensure proper accountability for information access and other activities performed. There will be regular account reviews and audits for DMA Administrators' and DMA Vendors' accounts.

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# Device & Funding Information

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# Bartley Secondary School's Personal Learning Device



Intel N250 processor,
8GB RAM, 64GB Storage,

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

Total cost of the bundle includes:
4-year warranty and 4-year insurance with GST is S$746.60.

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# Bartley Secondary School's Personal Learning Device



The school chose the device because of:

- Portability
- 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 Dual camera
  - Video recording
  - Most files are stored on Cloud (Google Drive)
  - Chromebooks manage updates automatically, thus it always running the on latest and most secure version



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# PLD Bundle

| Device Bundle includes |
|---|
| • Lenovo 500e Chromebook Gen 4s convertible<br>• Accessories - power adapter, wired mouse, carrying case and Lenovo Pen (Stylus) |

Your child's/ward's PLD will come with the **Enhanced Device Bundle** which includes:

• 4-year warranty and

• 4-year insurance (which includes 2 repairs or 1 replacement claim)

Please note that 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

| Insurance Coverage | Claimable |
|---|---|
| • Fire<br>• Lightning<br>• Power Surges<br>• Accidental e.g water spillage, drop etc<br>• Theft due to forcible entry<br>• Robbery<br><br>* Accidental loss will not be covered by insurance. | 2 repairs or 1 replacement<br>(4-year insurance) |

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# **Technical Support for Students' Devices**

Students can seek help for the following issues during breaks and after school at Computer Lab 3:

- Troubleshooting of device issues
- Solving connectivity problems
- Arranging collection of devices to be sent for repairs
- Typically, repairs take about 2 to 4 weeks. During this period, students can borrow a device from the school on a daily basis.

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# 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 from 2020 to 2023 to all eligible Singaporean students in primary and secondary schools. In 2025, MOE has provided a $500 Edusave top-up for students aged 13-16 years old.

- These top ups are 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) ≤ $4,000, or

Per Capita Income (PCI*) ≤ $1,000

MOE will subsidise 50% of device bundle cost or $350, whichever is lower.

*PCI refers to the GHI divided by the total number of family members in the household

- 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, MOE 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:

> $4,000 < Gross Household Income (GHI) ≤ $5,500, or
>
> $1,000 < Per Capita Income (PCI) ≤ $1,375
>
> 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, MOE will provide additional subsidy so that the cash out-of-pocket (OOP) is not more than $50.

# **Funding Support For Students Who are *Singapore Citizen (SC)***

- Subsidies will not be provided for SC students whose family's monthly:

  –Gross Household Income (GHI) is above $5,500 or

  – Per Capita Income (PCI) is above $1,375.

- Parents/Guardians can use their child's/ward's Edusave or cash to defray the device bundle cost.

# What's Next?

**Parental Consent for Procurement**

1. Parents can access the **Parental Consent for the Purchase of Personal Learning Device (PLD)** via a Parents Gateway (PG) notification that was sent to you on 28 Jan 2026.

# What's Next

## Parental Consent for Procurement

| Time Frame | Activity |
|---|---|
| **By 12 Feb 2026** | Submit:<br>**Consent to PLD purchase** via in the PG notification sent to you on 28 Jan 2026. |

# What's Next

## Standing Order (SO) for the use of Edusave Account For Singapore Citizens students only

| Time Frame | Activity |
| --- | --- |
| **By 12 Feb 2026** | Submit:<br>**Standing Order (SO) for the use of Edusave Account** via https://go.gov.sg/bartleyedusave if you have not done so previously.<br><br>Link to the form is available in the PG notification sent to you on 29 Jan 2026. |

# What's Next

| Time Frame | Activity |
|---|---|
| **By 13 Feb** | **Application for subsidy**<br><br>Please get your child/ward to approach the General office for the form. Do ensure all required documents are submitted **by 13th 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 by end of Term 2.

- Updates would be given via Parent Gateway.

- The default and most convenient mode of **collection would be by students in the school**.

- Vendor will run a through device checklist and the school will onboard your child's/ward device onto DMA at the point of collection.

# Important Contacts/ Helplines

| To access/find out more about... | Contact/Helpline |
|---|---|
| This deck of slides | School website (by Monday) |
| Edusave Balance | 62600777 |
| Financial assistance available | 62889013 |

# THANK YOU