Jurongville Secondary School
The JVS PLD Initiative
Parent Briefing 2025

Learn More Actively,
Think More Critically and Creatively,
Experience More Joy & Success.

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Overview :The National Digital Literacy Programme and the PLD Initiative

Intended Outcomes of the PLD Initiative

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

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.

The use of the PLD for teaching and learning aims to:

Support the Development of Digital Literacy

Support Self-Directed and Collaborative Learning

Enhance Teaching and Learning

How will your child/ward use the PLD?

In Jurongville Secondary School, your child will…

- have the opportunities to experience specific computer aided drawing tools and ICT software to enhance the qualities of their work.
- use e-Book to support learning (Hands-on active learning
- review past lessons and access digital resources curated by the teachers on the Singapore Student Learning Space (SLS) and Google Classrooms
- visit exhibitions in virtual museums in SG

SINGAPORE
STUDENT
LEARNING
SPACE

GIS
Geographic Information System

How will your child use the Personal Learning Devices?

In Jurongville Secondary School, your child will...

- learn curriculum subjects independently or collaboratively through online tools like Google Classroom and Google Suite.
- connect to the real world by keeping abreast with news and current affairs
- hone oracy skills through presentations, recitals, video-making and recording their views or speeches;
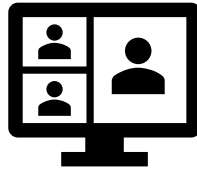

padlet

Google Classroom

Cyber Wellness Concerns Identified by Surveys an Studies

Harmful Online Content

Gaming and associated risks

Cyberbullying

Excessive social media use

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.

- School rules on digital device use

- Classroom management and routines

- Cyber Wellness Education in CCE

- Partnering parents/guardians to support students in their use of technology for learning

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

Classroom Management and Routines

Safer digital environment for learning

1. Device will be brought to school every day. Classroom lockers available to reduce the weight of school bags.

2. Teachers will require use of device for lessons, but not for all lessons.

3. Students will be able to access notes / teachers' teaching materials learning materials in the Student Learning Space or Google Classroom.

4. Students can submit some assignments digitally to their teachers.

5. Students can use their device in school after lesson hours.

Cyber Wellness Education

A. Educating students on Cyber Wellness

MOE has made significant changes to the Character and Citizenship Education (CCE). Cyber Wellness 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 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

Parents'/Guardians' Role

Safer digital environment for learning

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

- As parents/guardians, you can help in the following ways:
  - Model good digital habits for your child/ward e.g. parents/guardians not using devices during family meals.
  - Know your child/ward well, and have conversations with your child/ward about safe and responsible use of technology.
  - Discuss and come up with ground rules for internet/device usage that both your child/ward and you can agree with.
  - Encourage your child/ward to use productivity tools using his/her PLD, to organise information and simplify tasks for efficiency.

Device Management Application Installation

- The Chromebook Device Management Application (DMA) solution, Lightspeed Systems®, will be installed on all students' devices to provide a safe learning experience for students. The DMA will be funded by MOE.

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

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

- The DMA will be uninstalled from the device when students graduate or leave 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 **06.00am to 10.00.pm** daily
- School hours is defined to be from 7am to 6pm and after school hours would be from 6pm to 10pm. The device will shut down at 10pm by default.
- The school will determine the apps and programs to be installed to support teaching and learning

Lightspeed Systems

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

1. After-School DMA Parent Options provide parents with the flexibility in managing your child's/ward's use of PLD after school hours.

Default	Option A	Option B
In-school DMA settings will continue after school hours	**Parents/Guardians can modify the DMA settings after school hours**	**Parents/Guardians can choose to disable DMA after school hours**
X Parent Account	**✓ Parent Account**	**X Parent Account**
For parents/guardians who want their child's/ward's use of the device to be restricted only to teaching and learning, and prefer to leave it to the school to decide on DMA settings after school hours.	For parents/guardians who prefer to take charge of the level of restrictions for their child's/ward's use of the device after school hours regulated by the DMA.	For parents/guardians who do not want their child's/ward's use of the device after school hours to be regulated by the DMA at all.

- 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, which is the existing practice.

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

	Default	Option A	Option B
Protecting students from objectionable content	Web content filtering will include, but not limited to the following categories: • Violent/extremist content • Sexual/pornographic content • Gambling-related content	Parents/Guardians will be able to include additional web content filtering by submitting a request to the school.	No content filtering at all after school hours.
Reduce distractions from learning through control of applications	Parents/Guardians and students will be <u>unable</u> to install additional applications.	Parents/Guardians will be able to install additional applications by submitting a request to the school. Applications will be accessible both during and after school hours.	Parents/Guardians and/or students will be able to install additional applications after school hours. Applications installed by parents/guardians and/or students after school hours will not be accessible during school hours.

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

	Default	Option A	Option B
Limit screen time	The school will define the specific hours during which the device is allowed to access the internet.	Parents/Guardians can: • modify the amount of screen time for their child/ward by submitting a request to the school*; • turn their child's/ward's web browsing on or off, controlling whether the PLD can access the internet; and • allow/disallow certain categories of web access.	No control over screen time.
Monitor students' cyber activities	Parents/Guardians will <u>not</u> be able to track their child's/ward's browser history.	Parents/Guardians can track their child's/ward's browser history.	Parents/Guardians will <u>not</u> be able to monitor or control their child's/ward's use of the device through the DMA.

Deciding on the Choice of After-School DMA Option

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?

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

Supporting Resources

Parents/guardians play a crucial role in guiding your child/ward to use devices responsibly and safely. DMA complements your efforts in supporting your child/ward as they navigate the digital space. Here are some resources that you can refer to:

A. Parent Kit
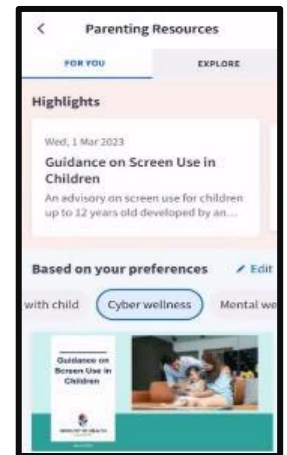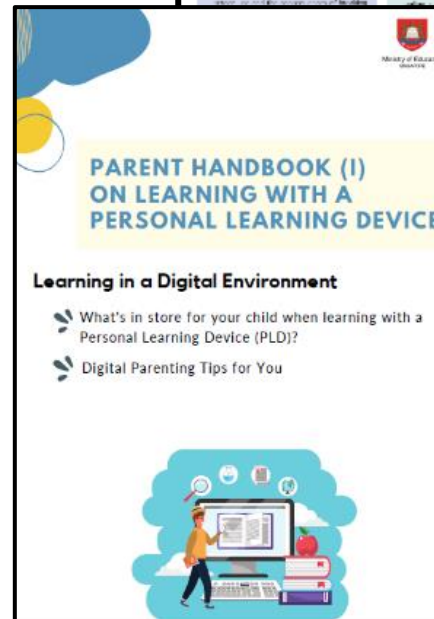**B. Bite-size tips and advice via Parentingwith.MOEsg Instagram**
C. Resources from MOE and other agencies *(available on resources repository in Parents Gateway)*
D. Parenting for Wellness Toolbox for Parents
E. More resources are available via MOE Cyber Wellness Webpage
F. Parent Handbooks (I) and (II) on Learning with a Personal Learning Device

Data Collected and Access Rights

1. The 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 request corrections to their personal data (e.g. email addresses, names) by contacting the school, in accordance with the Personal Data and Protection Act (PDPA).

Data Collected and Access Rights

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

- DMA solutions have sufficient security robustness to ensure data collected are properly stored and protected. MOE will also subject the DMA Vendors to regular audit on the security of the system 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

Device and Funding Information

Jurongville Secondary School PLD

Acer Chromebook Spin R857TN (Enhanced)

The school will be using the Acer Chromebook Spin R857TN (Enhanced) (Upgraded RAM, Processor and Storage) for teaching and learning.

Total cost with GST: ***S$613.60**

- INTEL N250 Processor
- 8GB RAM, 128GB eMMC Storage
- 12.2" Multi-Touch Screen 1920x 1200
- Intel WIFI 6E & Bluetooth 5.2
- Built in Dual Cameras
- Optical Mouse & Stylus
- Carrying Case , Power Adaptor
- **3 Year Carry in** Warranty & Insurance

Insurance Coverage

The package includes a 3-year warranty, and 3-year insurance* which includes:

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)

Jurongville Secondary School PLD

Acer Chromebook Spin R857TN

The school chose the device because of:

- Portability (1.5kg)
- Durability (MIL-810G certified, Spill-Resistant Keyboard (30ml)
- Long Battery Life
- Dual Usage (Laptop/Tablet)
- Features that support teaching and learning well (HDMI port)
- Cost Effectiveness
- Eco-system friendly
- Touchscreen with Stylus
- Dual Camera
- High Specs (RAM, STORAGE, CPU)

Technical Support for Students' Devices

Technical support will be provided to students through:

1. **PLD@Library Centre**
   - 2.30 to 3.30 pm (During School Term)
   - Troubleshooting of device issues
   - Solve connectivity issues
   - Collection of devices to be sent for repairs

2. ACER Service Centre @ International Business Park
   - Nearest MRT Station: Jurong East MRT (1.1km away)
   - Contact Number: 6895 6278
   - Service Centre Email: **acercare.sg@acer.com**
   - Opening hours:
   - Mon, Tues, Thur, Fri: 0845 – 1715h
   - Wed: 0845 - 1945h
   - Sat: 0900 - 1200h
   - Closed: Sun and Public Holidays

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 miscellaneous fees.

- To ensure the affordability of devices, MOE has provided additional 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 Singapore Citizen (SC) Students Student A (SC)

Acer Chromebook Spin R857TN (Enhanced)

- 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

  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.

Student A (SC on MOE FAS) GHI ≤ $3,000 or PCI ≤ $750	
Device Bundle Cost	**$613.60**
Student Subsidy(50%)	**$306.80**
Available Edusave Balance *(After setting aside for 2nd-tier misc. fees)*	>$306.80 before deduction $306.80 will be deducted
Additional Subsidy	**School will subsidise if insufficient Edusave**
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 Singapore Citizen (SC) Students Student B (SC)

- For SC students whose family's monthly income is:

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

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

  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.

Acer Chromebook Spin R857TN (Enhanced)

Student B (Non MOE-FAS SC from lower income family) $3,000 < GHI ≤ $4,400 or $750 < PCI ≤ $1,100	
Device Bundle Cost	**$613.60**
Student Subsidy (30%)	**$184.10 (rounded to the nearest 10 cents)**
Available Edusave Balance *(After setting aside for 2nd-tier misc. fees)*	>$429.50 before deduction $429.50 will be deducted
Additional Subsidy	**School will subsidise up to $379.50 if insufficient Edusave**
Cash Out-of-pocket	**Up to $50.00**

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

Funding Support for Singapore Citizen (SC) Students Student C (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.

Acer Chromebook Spin R857TN (Enhanced)

Student C (Not Eligible for Subsidy) GHI > $4,400 or PCI > $1,100	
Device Bundle Cost	**$613.60**
Available Edusave Balance *(After setting aside for 2nd-tier misc. fees)*	>$**613.60** before deduction $**613.60** will be deducted
Cash Out-of-pocket	**If insufficient edusave**

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

What's Next?

For Singapore Citizens (SC) Students

singpass

Parents with Singpass can access the **Parental Consent for the Purchase of Personal Learning Device (PLD)** via the following link:

https://go.gov.sg/pdlpadmin *

Time Frame	Activity
Fri 10 Jan	Parent Briefing & PG Notification
Before Fri 17 Jan Online through Form SG (Parent Gateway)	Submit **Parental Consent for the Purchase of Personal Learning Device (PLD)** via the FormSG link on the previous slide. Parents without access to Singpass can submit their consent via hardcopy, which includes the following: • Intent to Purchase Personal Learning Device (PLD); • Standing Order for Use of Edusave Account; and • Authorisation Form. Obtain hardcopy from CM if needed
March 2025	Collection of devices by students

For Permanent Residents / International Students

Time Frame	Activity
Fri 10 Jan	Parent Briefing & PG Notification
Mon 13 Jan	Collect **Parental Consent for the Purchase of Personal Learning Device (PLD)** which includes the following: • Intent to Purchase Personal Learning Device (PLD); • Authorisation Letter
Before 17 Jan	Students to submit signed hardcopy to CM • Intent to Purchase Personal Learning Device (PLD); • Authorisation Letter
Feb	Parent/Guardian to make payment via Giro/PayNow/ Cheque/etc.
March 2025	Collection of devices by students

Collection of Devices

Your child/ward will be collecting his/her device in school at the end of **Term 1 2024.**

If you would like to verify the condition of the device during collection with your child/ward:

- You may arrange to collect the device **at the contractor's service / collection centre*** or appoint an adult proxy to do so.

- Your child/ward would need to bring the device to school and arrange for the school's IT department to install the DMA.

Please approach the school for further advice or clarification if you would like to make this arrangement.

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

Important Contacts / Helplines

To access / find out more about...	Contact / Helpline
This deck of slides	https://jurongvillesec.moe.edu.sg/
Edusave balance	6260 0777
Financial assistance	65638704
Jurongville	Jurongville@moe.edu.sg

TO BE THE Sentinel WE NEED?

Topics include:
- Introduction to CyberSecurity, Web Application Development and Security (JavaScript and HTML), Network Forensics, Server-side Programming

Capstone projects include:
- Developing a password-protected image safe
- Detecting spam and phishing attacks
- Developing a user authentication and attack detection application

For more Sentinel programme details and application windows
go.gov.sg/sentinel

or contact us
Sentinel@defence.gov.sg

1. The Sentinel Programme is a 4 Year talent development programme fully sponsored by MINDEF/SAF to equip youths with cybersecurity and digital skills. Organised by the Digital and Intelligence Service (DIS), in collaboration with the Defence Technology Community

2. The programme progressively equips students with cybersecurity and digital skills through holiday workshops, regular classes, and competitive platforms, depending on their educational level. Students will also have opportunities to learn about the cybersecurity profession in the defence sector through visits, internships and mentorships with defence agencies.

Educational Level	Secondary 1
Application Deadline	16 Mar 2025
Programme Start Date	3 Jun 2025