

The National Digital Literacy Programme

Kranji Secondary School



The National Digital Literacy Programme (NDLP)

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.

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**

Students' Experiences



Learning with a PLD: Kranji Secondary School

How will your child/ward use the Personal Learning Devices?

Your child/ward will be using the device for...

- in class and out-of-class learning. This is to promote active learning and greater personalisation. In class, the devices will be used to support learning of the curriculum subjects independently or collaboratively. Beyond the classroom, students will be able to use the device for home-based learning. Students can review past lessons, access digital resources on the Singapore Student Learning Space (SLS) platform and other digital platforms to enhance their learning, or explore topics of their own personal interests using the device. They can also make use of digital tools such as calendaring and note-taking applications to enhance their personal productivity.
- alternative assessments/ authentic learning tasks that require research, digital creation, and collaborative learning
- ICT training courses
- Interdisciplinary project based learning

Supporting Students in the Safe and Effective Use of the Devices



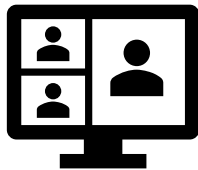
Cyber Wellness Concerns Identified by Local Studies/Surveys



Harmful Online
Content



Gaming and
associated risks



Cyberbullying



Excessive social
media use



Supporting Students in the Responsible 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

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Classroom Routines for your Personalised Learning Device (PLD)

When in class



Before Lesson

- Place your PLD under your desk at all times.



During Lesson

- Place your PLD on the desk and turn it on when instructed by your teacher.
- When your teacher is talking, give your full attention by keeping your PLD cover tilted down.



End of Lesson

- Update your schedule in the last 3 minutes of lesson when applicable.



When moving in and out of class

- Turn off your PLD and lock it inside your locker during Recess/Lunch time, PE lessons, CCA practice, school external events



At all times

- No charging of PLD in school.
- For technical help, look for Desktop Engineer (DE) at Computer Lab 1.



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Classroom Routines for Digital Literacy

Administrative Procedures



Managing Schedule



- To add assignments or events:
 - Go to your calendar or to-do list (Google Calendar)
 - Include details such as description of task, deadline etc.
- Be responsible for your own learning: check your schedule daily
- When applicable, update your schedule on a daily basis in the last 3 minutes of lesson.

Managing Digital Files



- Give your files, folders or bookmarks logical and specific names
e.g. Class_Index no._Name of student_subject_unit no._name of task
- Organise offline digital files into folders
- Organise webpages into bookmarks
- Back up your files weekly in a separate location such as C:/ drive, portable thumbdrive, or portable hard disk

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Classroom Routines for Digital Literacy

Instructional Tasks



Managing learning with digital tools



Use note-taking app (OneNote) to document ideas, thoughts and reflection:

- Annotate text or diagrams
- Record key ideas and questions
- Create digital artefacts
- Share learning with others
- Set aside a few minutes each lesson to make use of notes to consolidate learning by reflection.

Managing safe and ethical curation of information



When you search and use online information:

- Turn on safe search function
- Check for reliability of information
- Report inappropriate or suspicious online content (e.g. websites, email and email attachments etc) to a trusted adult or authority
- Cite your sources, reject plagiarism, present accurate information.

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Classroom Routines for Digital Literacy

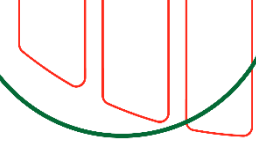
Interactive Routines



Managing and controlling one's digital footprint



- Do not share personal data.
- Check your privacy settings and manage your sharing rights so that the right people have access to your content.
- Use a strong, memorable password.
- Observe internet etiquette in your interactions.



Cyber Wellness Education

Educating students on Cyber Wellness

MOE has made significant changes to the Character and Citizenship Education (CCE) curriculum. Cyber Wellness lessons will feature significantly in these lessons.

The broad topics covered in Cyber Wellness are:

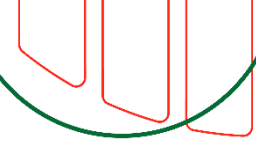
- Cyber Use
- Cyber Identity
- Cyber Relationships
- Cyber Citizenship
- Cyber Ethics



Cyber Wellness 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



Cyber Wellness Programmes

In addition to these lessons, through various programmes in school, students will continue to learn to be **respectful, safe, and responsible users of technology**.

To equip students with these values and skills, the school implemented the following strategies, such as:

- Cyber Wellness education through discussions at CCE lessons, such as the Lesson Unit entitled “Doing What Is Right”, as well as assembly talks
- Peer Support Leaders acting as Cyber Wellness ambassadors to look out for students’ well-being in the online space
- Caring and enabling school culture, where teachers and allied staff support students in need



Safe and Effective Use of Devices

Parents'/Guardians' Role

- Parents/guardians play a crucial role in guiding your child/ward to use devices responsibly and safely. We would like to partner parents/guardians so 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 on his/her PLD, to organise information and simplify tasks for efficiency.

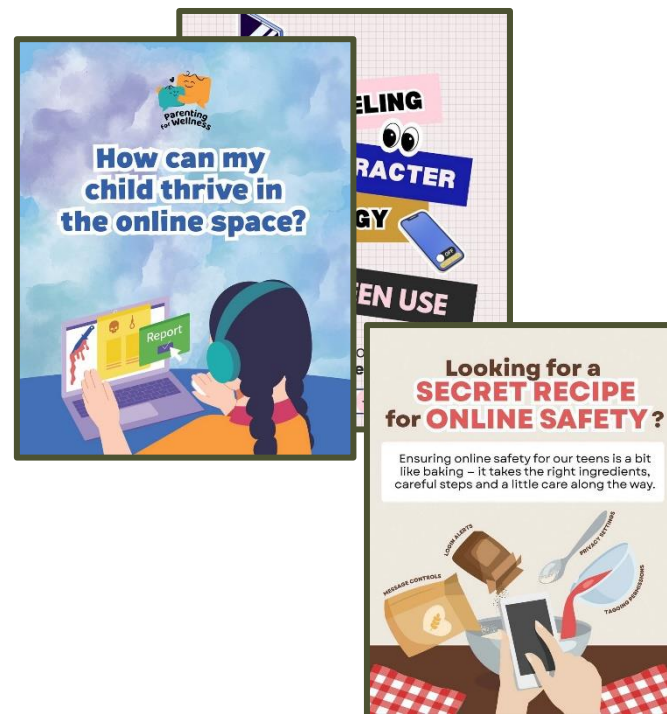
Supporting Resources

Here are some resources that you can refer to:

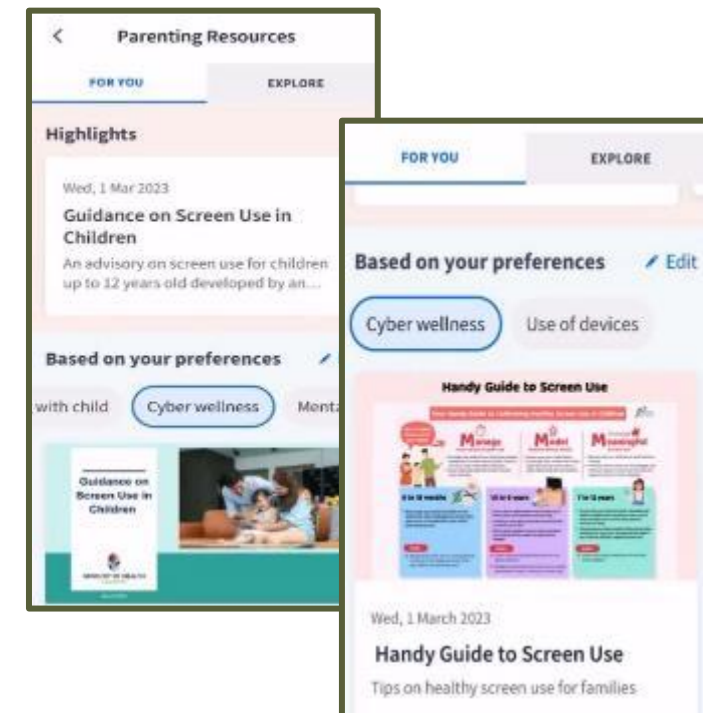
A. Parent Kit



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



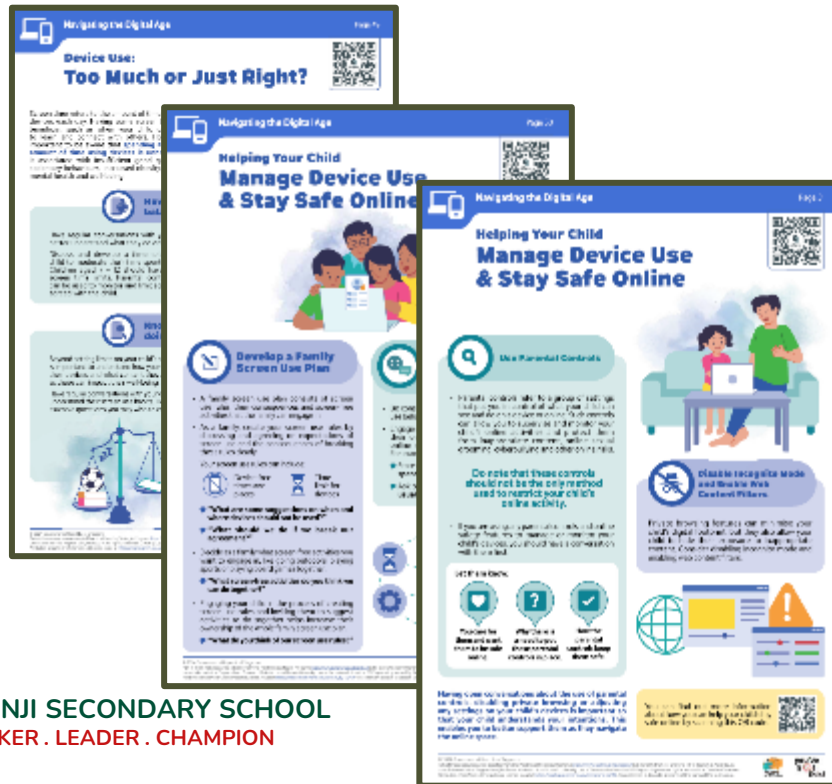
C. Resources from MOE and other agencies (available on resources repository in Parents Gateway)



Supporting Resources

D. 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.



E. More resources are available via [the MOE Cyber Wellness Webpage](#)



Support at home

Parents play a key role in their children's growth. Students benefit the most when the home and school environments are aligned to each other. To help your child stay safe and have positive experiences online, you can:

- Activate parental controls on your home devices.
- Model good digital habits for your child.
- Set ground rules for internet use.
- Navigate the internet together to understand their usage.

Resources

Learn more about how to keep your child safe online through these resources.

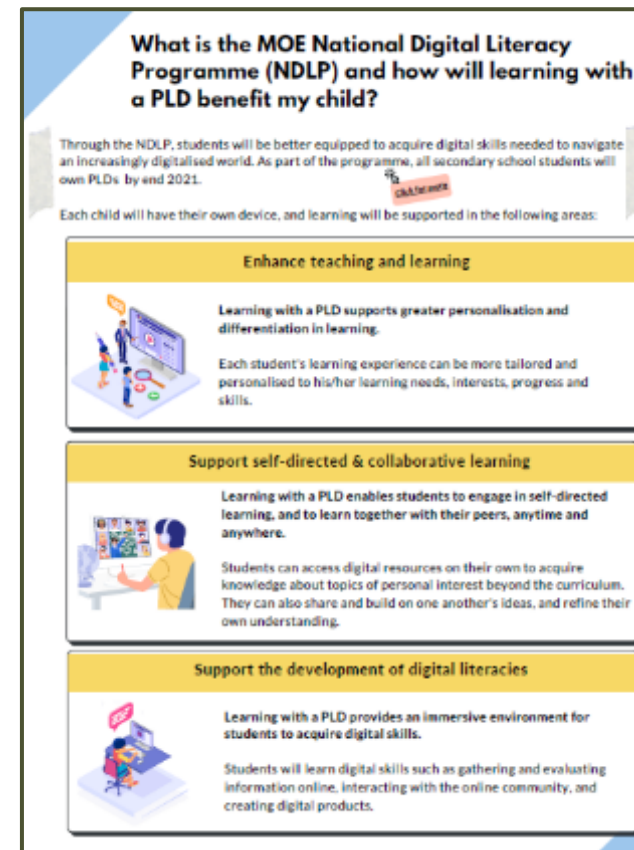
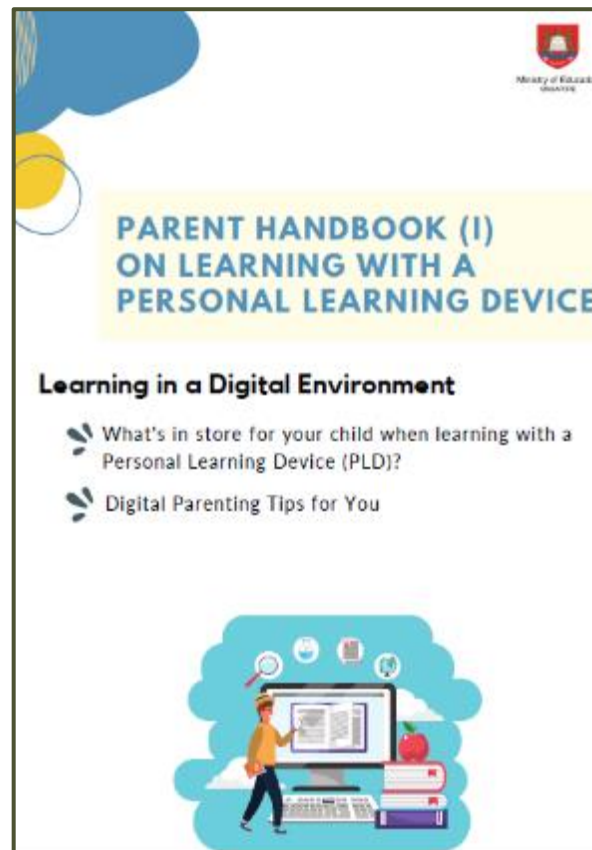
From MOE

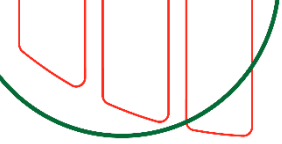
- Children and their devices: How to strike the right balance
- Future tense: Keeping kids grounded while tech turns the world upside down
- What does a student's AI-enhanced day look like? Here's a peek
- Are you struggling with your child's excessive device use?
- 7 things every parent can do to keep kids cyber safe. A tech dad's special
- The future looks real? why this dad isn't afraid of the rise of AI
- Keeping kids safe online – A community effort
- Parent Kit – Raising A Digitally Smart Child
- Parent Kit – Experiencing Blended Learning with Our Children
- Recording of Instagram Live – Raising Digitally Smart Kids

Supporting Resources

F. Parent Handbooks (I) and (II) on Learning with a Personal Learning Device

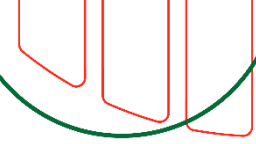
These Handbooks provide tips on supporting your child in the use of PLDs for learning and are shared via the PG notification together with the letter to purchase PLDs.





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





MOE DMA Installation

- The MOE DMA solution for Windows, Blocks, 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.



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 objectionable content or content that may not be conducive to teaching and learning (e.g., online messaging, social media, pornography, gambling, or websites containing extremist content).¹
- School hours are defined to be from 6:30am to 10:30pm and after school hours from 4pm to 10:30 pm. The device will shut down at 10:30 pm by default.
- The school will determine the applications and programs to be installed to support teaching and learning.

¹ YouTube is not blocked by default as teachers use YouTube for teaching and learning. However, YouTube videos that are categorised as harmful by YouTube Restricted and Lightspeed Smart Play are blocked.

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 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 <i>Note: This will apply if no alternative options are chosen</i> (6:00am to 10:30pm)	DMA settings can be modified by Parents/Guardians after school hours (4:00pm to 10:30pm)	DMA will be inactive after school hours¹ (4:00 pm to 6:00am)
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.

After-School DMA Parent Options

	Default 6:00am to 10:30pm (This will apply if no Alternative Options are chosen)	Option A 4:00pm to 10:30pm (DMA settings can be modified)	Option B 4:00pm to 6:00am (DMA will be inactive only after school hours)
Protecting students from objectionable content	Web content filtering will include, and not limited to, the following categories: • Violent/extremist content • Sexual/pornographic content • Gambling-related content • Suicide/self-harm content • Cyberbullying content • Content endangering public health	Parents/Guardians can apply additional content filtering via. the Blocksiparents' portal. However, they cannot allow access to web content that is filtered out under the Default Setting.	No content filtering after school hours if student uses a non-Google Chrome browser.

After-School DMA Parent Options

Functions	Default 6:00am to 10:30pm (This will apply if no Alternative Options are chosen)	Option A 4:00pm to 10:30pm (DMA settings can be modified)	Option B 4:00pm to 6:00am (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 applications.	Parents/Guardians and/or students will be able to install additional applications after school hours using specialised accounts. Applications installed by parents/guardians and/or students after school hours will be disabled during school hours.	
Limit screen time	The school will set the hours during which the child/ward will be able to use the PLD.	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. 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., Windows's Family Safety) 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

Functions	Default 6:00am to 10:30pm (This will apply if no Alternative Options are chosen)	Option A 4:00pm to 10:30pm (DMA settings can be modified)	Option B 4:00pm to 6:00am (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 web browser.	A parent/guardian account will be provided to allow them to monitor their child's/ward's PLD activities after school hours via the Blocksiparents' portal.	Parents/Guardians will not be able to track their child's/ward's web browser*.
Provision of Parent account	X	✓	X

*Parents/Guardians and students on Option B will need to use non-Chrome browsers to avoid web browsing history tracking and web content filtering.

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.

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 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

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 trails 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 data collected are 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.

Device and Funding Information

Device Funding and Information

Kranji Secondary School's Personal Learning Device



Acer TravelMate B3 Spin TMB312RN-31

(1.45kg, 256 GB Storage, 12.2" touch screen)

Device Category	Acer TravelMate B3 Spin TMB312RN-31
CPU	Processor upgrade to Intel N250
RAM	8GB
Storage	256GB SSD
Display	12.2" touch screen
Weight	1.45kg
Add-ons	4 th Year Warranty & Insurance

Total cost of the bundle includes 4-year warranty and 4-year insurance with GST: **S\$692.10**

Device Funding and Information

Kranji Secondary School's Personal Learning Device



Acer TravelMate B3 Spin TMB312RN-31

(1.45kg, 256 GB Storage, 12.2" touch screen)

The school chose the device because of:

1. Portability
2. Durability
3. T&L Affordances:
 - touch screen
 - use of stylus pen to write (Inking function)
 - typing using keyboard
 - video recording
 - multimedia editing

Device Funding and Information

PLD Bundle

Device Bundle includes

- Acer TravelMate B3 Spin TMB312RN-31
- Processor: Intel Processor N250
- Memory (size, type, speed): 8GB LPDDR5 6400MT/s
- Storage (type and size): 256GB SSD

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.

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 (4-year insurance)

Students should learn to take responsibility for their devices, and to learn how to care for them.

Technical Support for Student's Devices

Technical support will be provided to students through:

- **Service-desk set up in school** (Computer Lab 4, Level 3) during breaks and after school on a weekly basis
 - During Curriculum Hours: 8:00am – 4:00pm
 - ✓ Troubleshooting of device issues
 - ✓ Solve connectivity issues
 - ✓ Collection of devices to be sent for repairs
- **Acer Service centre**
 - Location: 29 International Business Park, Singapore 609923
 - ✓ Repair of devices (hardware issues)
 - ✓ Fortnightly courier services by Contractor is provided for damaged devices, so students would handover and collect their devices at school.

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 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) $\leq$ \$4,000, or

Per Capita Income (PCI) $\leq$ \$1,000

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, 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:

$\$4,000 < \text{Gross Household Income (GHI)} \leq \$5,500$, or
 $\$1,000 < \text{Per Capita Income (PCI)} \leq \$1,375$
MOE will subsidise 30% of device bundle cost or \$200, whichever is lower.

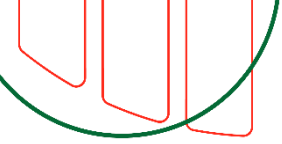
The remaining amount will be payable from the students' Edusave account. If there is insufficient balance in the students' Edusave account for the remaining amount, MOE will provide additional subsidy so that the cashout-of-pocket (OOP) is not more than \$50.

Funding Support for Singapore Citizen (SC) Students

- 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.

[#]PCI is Gross Household Income divided by the number of household members.

What's Next

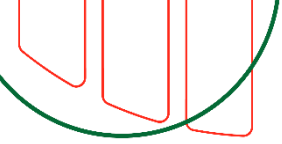


What's Next...

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 will be sent to you on 9 January 2026.
2. Parents who want to use Edusave funds for the PLD (for Singapore Citizens students only), please access:
<https://go.gov.sg/edusaveformsgso> **by 16 January 2026** to set up a **PDLP Standing Order** as this was not applicable during primary school.





What's Next...

For Singapore Citizens (SC)

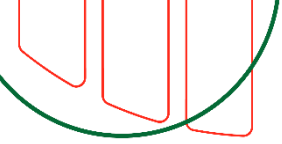
Time Frame	Activity
16 January 2026	1. Submit: - consent to PLD purchase via the PG notification which includes the following: - Intent to Purchase Personal Learning Device (PLD); - Authorisation Form for the Collection of PLD - the Standing Order (SO) for the use of Edusave Account via https://go.gov.sg/edusaveformsgso (for Singapore Citizen students only) to set up a PDLP SO If you are unable to submit the form online, please access the school website at http://www.kranjisec.moe.edu.sg (under announcements) for a hardcopy version which includes both information on point a. and b. as stated above. Please submit the hardcopy forms to your child/ward's Class Mentor.
Early - End March 2026	Collection of Devices by students



What's Next...

For Permanent Residents (PR) / International Students (IS)

Time Frame	Activity
16 January 2026	1. Submit consent to PLD purchase via in the PG notification which includes the following: • Intent to Purchase Personal Learning Device (PLD); • Authorisation Form for the Collection of PLD If you are unable to submit the form online, please access the school website at http://www.kranjisec.moe.edu.sg (under announcements) for a hardcopy version which includes information as stated above. Please submit the hardcopy forms to your child/ward's Class Mentor.
School will inform parents	Parent/Guardian to make payment via Giro/PayNow
Early - End March 2026	Collection of Devices by students



What's Next...

Collection of Devices

Your child/ward will be collecting his/her device in school. More information will be provided at a later date.

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

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



What's Next...

Important Contacts / Helplines

To access/find out more about...	Contact/Helpline
Parent Engagement Slides	https://www.kranjisec.moe.edu.sg
Edusave Balance	6260 0777
Financial assistance available	Mdm Chua Hern Ying Administration Manager chua_hern_ying@schools.gov.sg
National Digital Literacy Programme	Mr Goh Yong Yeu HOD ICT goh_yong_yeu@schools.gov.sg
Cyber Wellness Matters	Ms Ang Peiyi Peggen HOD CCE ang_peiyi_peggen@schools.gov.sg



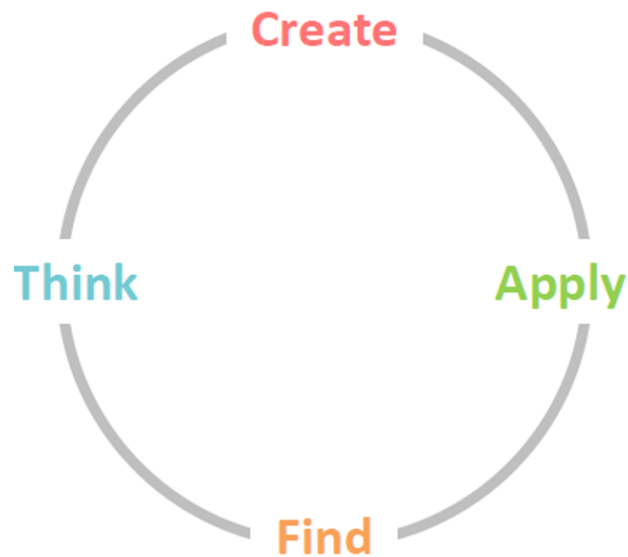
THANK YOU!



Annex

The National Digital Literacy Programme (NDLP)

The 'Find, Think, Apply and Create' framework:



Find	Critically gather and evaluate information from, and use digital resources in a safe, secure, responsible and ethical manner
Think	Interpret and analyse data, and solve problems
Apply	Use software and devices to facilitate the use of knowledge and skills in new contexts; keep up with technological developments
Create	Produce content and artefacts, and engage and collaborate with others digitally

Components of DMA

The Device Management Application (DMA) software consists of the following three components:

- **Mobile Device Management Service**
- **Classroom Management Service**
- **Usage Management Service**

DMA Components and their Functions

1. Mobile Device Management Service (MDM)¹

This facilitates the **updating and management of the PLDs**, protects PLDs from malicious software, and protects students from objectionable internet content, or content that may not be conducive to teaching and learning during school hours.

The MDM carries out the following functions:

- Facilitates automatic installation of apps required for teaching and learning
- Filters objectionable content or content that may not be conducive to teaching and learning (e.g. social media, pornography, gambling, or websites containing extremist content)²
- Enables automatic updating of PLD OS and its applications in accordance with cybersecurity best practices.

¹ MDM is a **core service** that is required to deliver Classroom Management Service and Usage Management Service (which includes the Parental Control app).

² Youtube is not blocked by default as teachers use Youtube for teaching and learning.



DMA Components and their Functions

2. Classroom Management Service (CMS)

Enables teachers to **manage the student's use of the PLD** during lesson time to improve classroom management and support effective teaching and learning.

During lessons, teachers will be able to:

- Guide and monitor students' use of devices (e.g., Lock or unlock screen to redirect students' attention or screen sharing)
- Launch specific applications and/or websites for teaching and learning on your child's/ward's device
- Facilitate the sharing of content
- Monitor your child's/ward's usage and activities during lessons (e.g. screen sharing, monitoring your child's/ward's browsing history)

DMA Components and their Functions

3. Usage Management Service (UMS)*

Enables the school and/or parents/guardians* to **better supervise and set helpful limits for your child's/ward's use of PLD after school.**

The UMS carries out the following functions:

- **Screen time control to allow school and/or parents/guardians to set usage limits so that your child/ward does not use the PLD excessively**
- School and/or parents/guardians have control over the installation of applications to ensure that the device is used optimally for teaching and learning
- Safe search and additional web content filtering protects your child/ward from harmful content
- Parents/Guardians can monitor usage and activities by child/ward

* Only available for parents/guardian on Option A.

Types and Purpose of Data Collected by DMA



**Data for DMA
Administrative
Purposes**



**Data for
Application
Management**



**Data for Web
Content
Filtering**



**Views of students'
screens when CMS is
used**

Types and Purpose of Data Collected by DMA



Data for DMA Administrative Purposes

Essential for DMA and lesson set up and management of devices through DMA

Examples:

- Students' and parents'/guardians' information (Name, school name, email addresses, and class)
- Apps installed in your child's/ward's PLD
- Device and hardware information (e.g. device model, storage space)

Accessible by:

- Teachers
- Parents/Guardians (for activities after school hours)
- DMA Administrators in school and at MOE
- DMA Vendors

Types and Purpose of Data Collected by DMA



Data for Web Content Filtering

Filtering of harmful content to ensure students' cyber safety

Examples:

- URLs accessed on the PLDs (*Actions performed on websites are **NOT** captured*)
- Date and time of the access
- Student profile (Name, School name)

Accessible by:

- Teachers (for activities during lessons) ¹
- Parents/Guardians (for activities after school hours)
- DMA Administrators in school and at MOE
- DMA Vendors

¹The teacher will only be able to access the logs pertaining to the student's browser history for the class that the teacher teaches and will be able to access the logs outside of lessons. The teacher will not have access to the student's browser history outside of those specific lessons.

Types and Purpose of Data Collected by DMA



Data for Application Management

To ensure that the installed apps are updated and functioning properly

Examples:

- Installed apps and programs
- Date and time that the apps and programs were last updated
- Application error data

Accessible by:

- Teachers (for activities during lessons)¹
- Parents/Guardians (for activities after school hours)
- DMA Administrators in school and at MOE
- DMA Vendors

¹Teachers will not have access to the application error data.

Types and Purpose of Data Collected by DMA



Views of Students' Screens when CMS is used

To allow teachers to check that students are on task, and address possible questions in class

Examples:

- Only the streaming of 'live' screen view (*The screen view will **NOT** be stored*)

Accessible by:

- Teachers during lessons only.

References

Information on [Slide 8](#) are obtained from:

- SHE and Global Shapers Singapore Hub Survey, 2023 - <https://www.digitalforlife.gov.sg/-/media/Digital-For-Life/Resources/Documents/2023/12/20230410-SHE-Infographics-on-Online-Myths.pdf>
- Microsoft Online Safety Survey, 2024 - <https://news.microsoft.com/wp-content/uploads/prod/sites/40/2024/02/Microsoft-Global-Online-Safety-Survey-2024.pdf>
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- Institute of Mental Health, 2024 - https://www.imh.com.sg/Newsroom/News-Releases/Documents/NYMHS_Press%20Release_FINAL19Sep2024.pdf