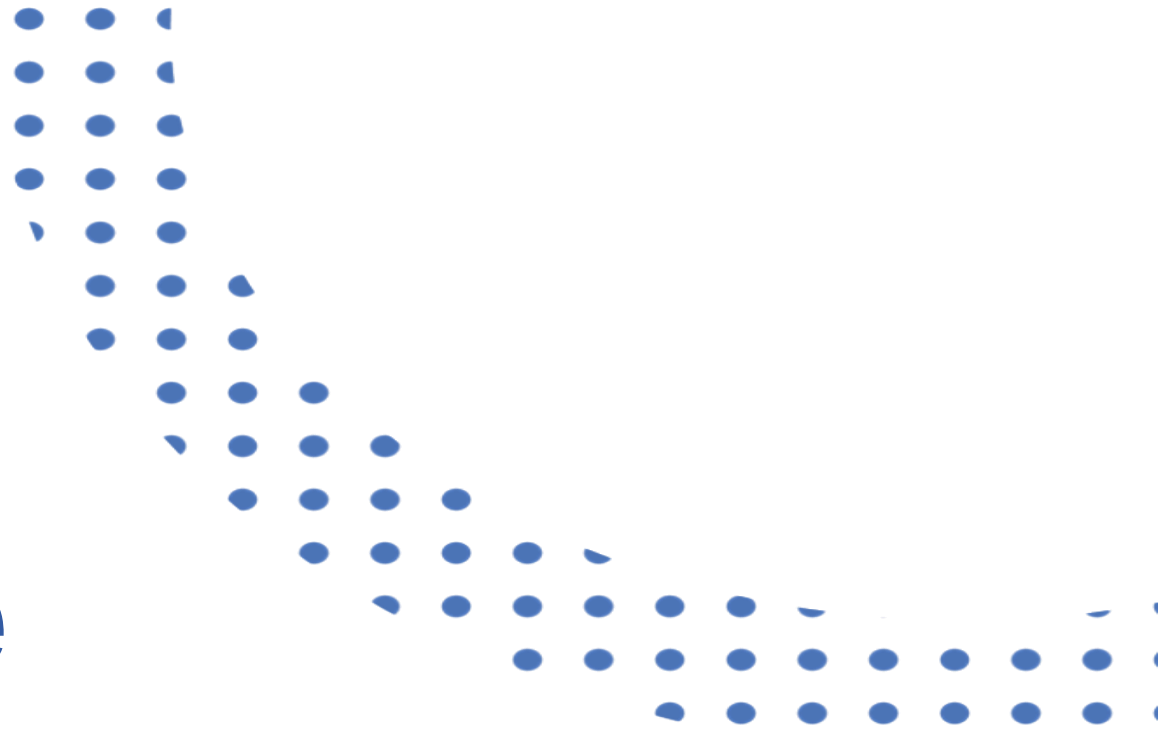# The Personal Learning Device (PLD) Initiative

Briefing for Parents

**A PRESENTATION BY
MINISTRY OF EDUCATION, SINGAPORE**

The National Digital Literacy Programme and the PLD Initiative

An Overview

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 the PLD Initiative

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

Support the Development of Digital Literacy

Support Self-Directed and Collaborative Learning

Regular Home Based Learning (HBL)

Enhance Teaching and Learning

Blended Learning

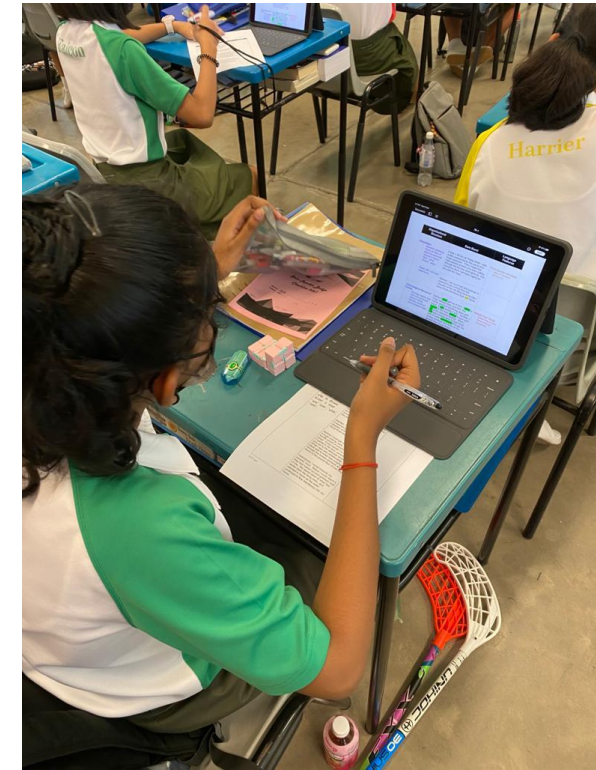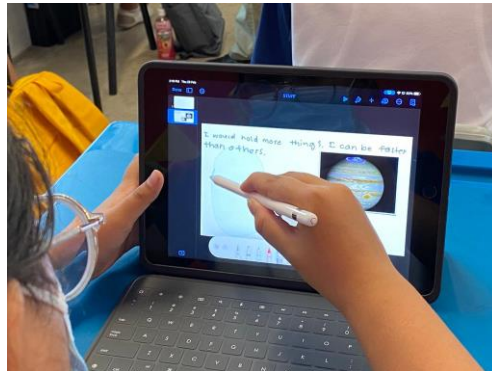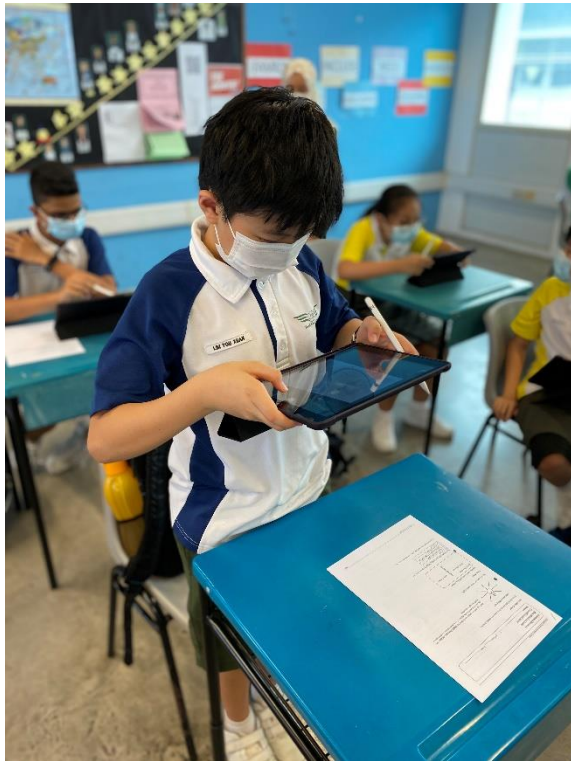# Learning with a PLD
Changkat Changi Secondary School

Our Programmes

How will your child use the Personal Learning Devices?

At **CCSS**, your child will be…

Excited to learn in a Blended Approach

How will your child use the Personal Learning Devices?

At **CCSS**, your child will be...

applying their learning via

How will your child use the Personal Learning Devices?

At **CCSS**, your child will be...

Developing their 21ˢᵗ CCs &
be discerning users of technology

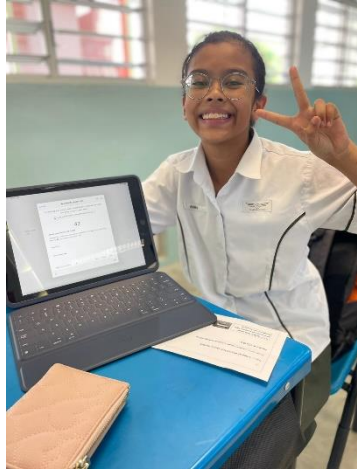# How will your child use the Personal Learning Devices?

At **CCSS**, your child will be...

Developing their 21ˢᵗ CCs &
be discerning users of technology

2023 Sec 1 PLD Rollout

Supporting Students in the Safe and Effective Use of the Devices

Supporting Students in the Safe and Effective Use of the Devices

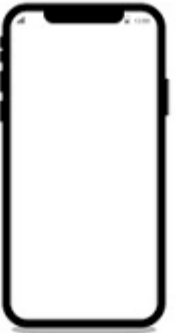The school has measures in place to enable a safer digital environment for learning with the use of PLDs, e.g.

1. School rules on digital device use

2. Classroom management and routines

3. Cyber Wellness Education in CCE

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

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

1. School Rules on Digital Device Use

1) No use of Handphones (HPs) except during Recess time.

2) HPs to be kept inside lockers during lesson times.
   - Students use personal padlocks to secure

3) Personal Learning Devices (PLDs) to be used only when teacher gives permission.
   - *Screen Down* when not in use

2. Classroom Management and Routines

3. Cyber Wellness Education in CCE

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

3. Cyber Wellness Education

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

Workshops	
Seminars	
Competitions	

3. Cyber Wellness Education

<u>2023 Digital Literacy Week</u>

- Students practiced different Digital Literacy skills

- Created multiple digital artifacts to demonstrate
  - *the positive use of the PLDs in their learning*
  - *the negative effects of Cyber bullying & how to deal with it*
  - *how to spot Fake News*
  - *positive behavior/messages to the community*

Digital creations by our Changkateers
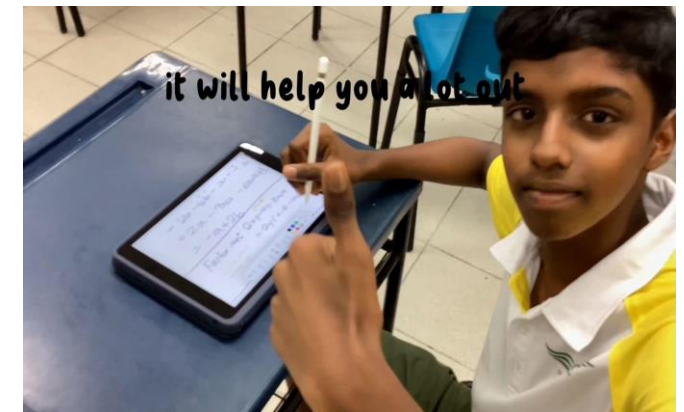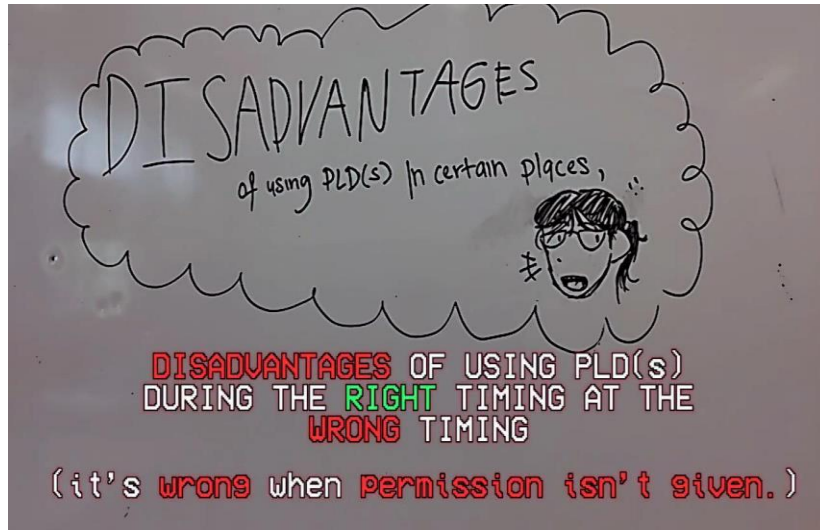
Digital creations by our Changkateers
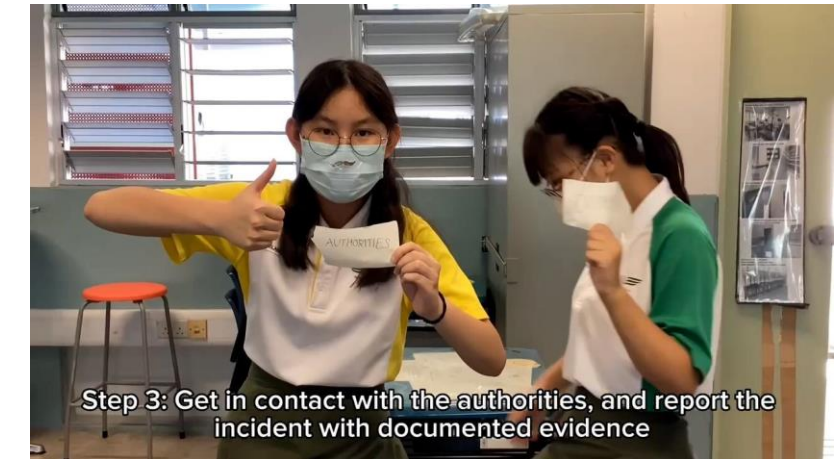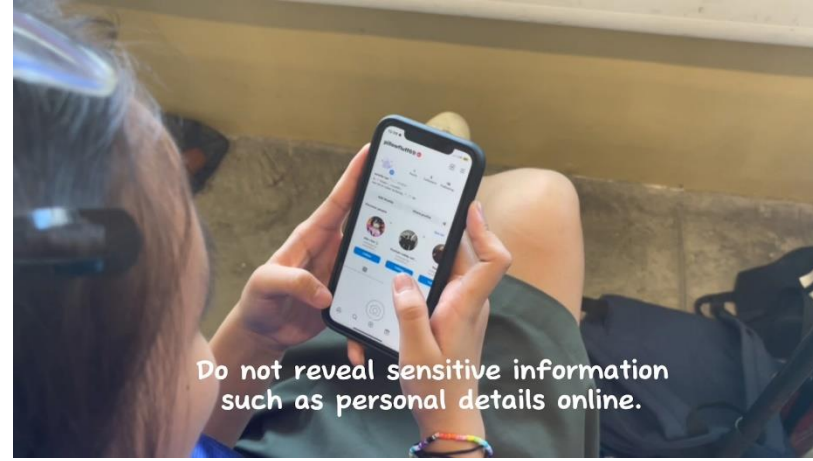
4. Parents'/Guardians' Role

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

- As parents/guardians, you can help in the following ways:
  - <u>Model good digital habits</u> for your child/ward e.g. parents/guardians not using devices during family meals.
  - Know your child/ward well, and have <u>conversations</u> with your child/ward about <u>safe and responsible use of technology</u>.
  - Discuss and come up with <u>ground rules</u> 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.

Role of the DMA in Providing a Safer Digital Environment for Learning

DMA Installation

- Your child's/ward's PLD will be installed with a DMA to provide a safer digital environment for learning.

- 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 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 **6.00 a.m. to 5.00 p.m** daily

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

DMA Options Explained (Weekday School Term)

← School Hours → ← After School Hours →

	6 am - 5 pm	5pm - 11pm	11pm – 6am (Sleep Hours)
Default Option	**DMA Settings Applied (School Decided)** • Apps that school use for T&L • Whitelist and blacklist filtering applied	**DMA Settings Applied (School Decided)** • Apps that school use for T&L • Whitelist and blacklist filtering applied	**SLEEP TIME** Device is Locked
Option A			
Option B			

DMA Options Explained (Weekday School Term)

← School Hours → | ← After School Hours → |

	6 am - 5 pm	5pm - 11pm	11pm – 6am (Sleep Hours)
Default Option			
Option A	**DMA Settings Applied (School Decided)** • Apps that school use for T&L • Whitelist and blacklist filtering applied	**Modified DMA Settings Applied** • **Parents modify settings in the DMA portal**	**SLEEP TIME** Device is Locked
Option B			

DMA Options Explained (Weekday School Term)

← School Hours → ← After School Hours →

	6 am - 5 pm	5pm - 11pm	11pm – 6am (Sleep Hours)
Default Option			
Option A			
Option B	**DMA Settings Applied (School Decided)** • Apps that school use for T&L • Whitelist and blacklist filtering applied	**DMA Removed = No Restriction**	

DMA Options Explained (Weekday School Term)

← **School Hours** → ← **After School Hours** →

	6 am - 5 pm	5pm - 11pm	11pm – 6am (Sleep Hours)
Default Option	**DMA Settings Applied (School Decided)** • Apps that school use for T&L • Whitelist and blacklist filtering applied	**DMA Settings Applied (School Decided)** • Apps that school use for T&L • Whitelist and blacklist filtering applied	**SLEEP TIME** Device is Locked
Option A	**DMA Settings Applied (School Decided)** • Apps that school use for T&L • Whitelist and blacklist filtering applied	**Modified DMA Settings Applied** • **Parents modify settings in the DMA portal**	**SLEEP TIME** Device is Locked
Option B	**DMA Settings Applied (School Decided)** • Apps that school use for T&L • Whitelist and blacklist filtering applied	**DMA Removed = No Restriction**	

DMA Options Explained (Weekends and Holidays)

Monday - Sunday

	6am - 11pm	11pm – 6am (Sleep Hours)
Default Option	**DMA Settings Applied (School Decided)** • Apps that school use for T&L • Whitelist and blacklist filtering applied	**SLEEP TIME** Device is Locked
Option A	**Modified DMA Settings Applied** • Apps that school use for T&L • Whitelist and blacklist filtering applied • **Parents modify settings in the DMA portal**	**SLEEP TIME** Device is Locked
Option B	**DMA Removed = No Restriction**	

Deciding on the Choice of After-School DMA Option

What is best for your child?

Default Option	Option A

An environment that is:

- Contained

- Encouraging healthy screen habits

- Structured

- Sheltered against harmful content

Deciding on the Choice of After-School DMA Option

What is best for your child?

Option B

When left unsupervised, is an environment that is:

- Exposed

- Unregulated

- Potentially harmful

Deciding on the Choice of After-School DMA Parent Option

Parents/guardians may wish to consider the following questions before deciding on which After-School DMA Parent Option is best for 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?

Data Collected by the DMA

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

Data Security

- 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.

Device and Funding Information

Changkat Changi Secondary School's
Personal Learning Device

The school will be using the **Apple iPad 9th Gen (64GB Wi-Fi)** for teaching and learning.

Total cost of the bundle with GST:

$865.40

Model: Apple iPad 10.2 9th Gen

Processor: A13 Bionic Processor

Memory (GB): 3GB

Storage (GB): 64GB

Personal Learning Device Bundle*

Device Bundle

What it includes
• Apple iPad (9th Gen, 64GB Wi-Fi) • Apple Pencil (1st Gen) • Logitech Ruggedized Combo 3 (with Keyboard) • Insurance and Warranty

What it includes
[Enhanced Device Bundle]
• 3-year warranty and 3-year insurance • 2 repairs or 1 replacement claim

Warranty refers to the Apple Care+ found commercially

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)

Warranty refers to the Apple Care+ found commercially

Technical Support for Students' Devices

Technical support will be provided to students through:

1. Service Desk set up in school (ITR1) during school hours
   - Troubleshooting of device issues
   - Solve connectivity issues
   - Collection of devices to be sent for repairs *(fortnightly basis)*

2. Apple Retail Store @ Jewel Changi Airport *(220m from Changi Airport MRT)*
   - Repair of devices *(hardware issues)*
     - Mon – Thu (1100 – 2100)
     - Fri – Sun (1100 – 2200)

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 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

- 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

    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 Scenario: Student A (SC)

Apple iPad 9th Gen (64GB Wi-Fi)

	Student A (SC on MOE FAS) GHI ≤ $3,000 or PCI ≤ $750
Device Bundle Cost	**$865.40**
Student Subsidy	**$350.00**
Available Edusave Balance *(After setting aside for 2nd-tier misc fees)*	$200.00 before deduction $200.00 will be deducted
Additional Subsidy	**$315.40**
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

- 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

  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 Scenario: Student B (SC)

**Apple iPad
9th Gen
(64GB Wi-Fi)**

Student B (Non MOE-FAS SC from lower income family) $3,000 < GHI ≤ $4,400 or $750 < PCI ≤ $1,100	
Device Bundle Cost	**$865.40**
Student Subsidy	**$200.00**
Available Edusave Balance *(After setting aside for 2nd-tier misc fees)*	$200.00 before deduction $200.00 will be deducted
Additional Subsidy	**$415.40**
Cash Out-of-pocket	**$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

- SC students whose family's monthly Gross Household Income (GHI) > $4,400 or monthly Per Capita Income (PCI) > $1,100, no subsidy will be provided. Parents/Guardians can use their child's/ward's Edusave or cash to defray the device bundle cost.

Funding Scenario: Student C (SC)

**Apple iPad
9th Gen
(64GB Wi-Fi)**

Student C (Not Eligible for Subsidy) GHI > $4,400 or PCI > $1,100	
Device Bundle Cost	**$865.40**
Available Edusave Balance *(After setting aside for 2nd-tier misc fees)*	**$200.00 (or more**, depending on current Edusave Balance) $200.00 (or more) will be deducted
Cash Out-of-pocket	**$665.40 (or less**, depending on current Edusave Balance)

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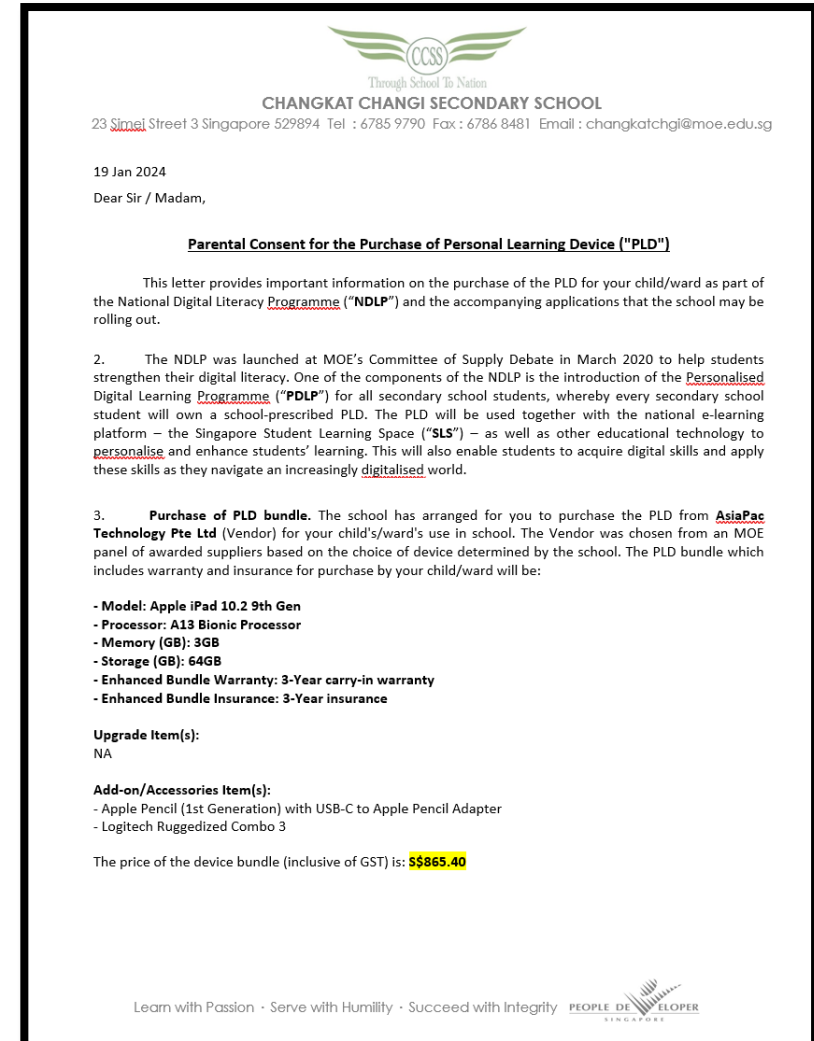Each student would receive a personalised bill subsequently.

What's Next?

Parental Consent for Procurement

A Parent's Gateway message will be sent to you.

Letter with all the details:

1. PLD bundle and cost,
2. Consent for purchase of a PLD,
3. Use of Edusave & Financial Assistance,
4. Device Management Application (DMA).

CHANGKAT CHANGI SECONDARY SCHOOL
23 Simei Street 3 Singapore 529894 Tel : 6785 9790 Fax : 6786 8481 Email : changkatchgi@moe.edu.sg

19 Jan 2024
Dear Sir / Madam,

Parental Consent for the Purchase of Personal Learning Device ("PLD")

This letter provides important information on the purchase of the PLD for your child/ward as part of the National Digital Literacy Programme ("**NDLP**") and the accompanying applications that the school may be rolling out.

2. The NDLP was launched at MOE's Committee of Supply Debate in March 2020 to help students strengthen their digital literacy. One of the components of the NDLP is the introduction of the Personalised Digital Learning Programme ("**PDLP**") for all secondary school students, whereby every secondary school student will own a school-prescribed PLD. The PLD will be used together with the national e-learning platform – the Singapore Student Learning Space ("**SLS**") – as well as other educational technology to personalise and enhance students' learning. This will also enable students to acquire digital skills and apply these skills as they navigate an increasingly digitalised world.

3. **Purchase of PLD bundle.** The school has arranged for you to purchase the PLD from **AsiaPac Technology Pte Ltd** (Vendor) for your child's/ward's use in school. The Vendor was chosen from an MOE panel of awarded suppliers based on the choice of device determined by the school. The PLD bundle which includes warranty and insurance for purchase by your child/ward will be:

- Model: Apple iPad 10.2 9th Gen
- Processor: A13 Bionic Processor
- Memory (GB): 3GB
- Storage (GB): 64GB
- Enhanced Bundle Warranty: 3-Year carry-in warranty
- Enhanced Bundle Insurance: 3-Year insurance

Upgrade Item(s):
NA

Add-on/Accessories Item(s):
- Apple Pencil (1st Generation) with USB-C to Apple Pencil Adapter
- Logitech Ruggedized Combo 3

The price of the device bundle (inclusive of GST) is: S$865.40

Learn with Passion · Serve with Humility · Succeed with Integrity   PEOPLE DEVELOPER

* Parents/Guardians without Singpass can request for the hardcopy letter via your child's/ward's form teacher.

Parental Consent for Procurement

<u>Parents with Singpass</u> can indicate your consent via the following link:

https://go.gov.sg/pdlpadmin

* Parents/Guardians without Singpass can request for the hardcopy letter via your child's/ward's form teacher.

For Singapore Citizens (SC) Students

Time Frame	Activity
Now until **2 February**	Submit **Parental Consent for the Purchase of Personal Learning Device (PLD)** via the FormSG link 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.
Apr 2024	Collection of devices by students

For Permanent Residents / International Students

Time Frame	Activity
Now until 2 February	Submit **Parental Consent for the Purchase of Personal Learning Device (PLD)** which includes the following: • Intent to Purchase Personal Learning Device (PLD); • Authorisation Letter
After End Feb 2024	Parent/Guardian to make payment via Giro/PayNow *[electronic means]*
Apr 2024	Collection of devices by students

Collection of Devices

Your child/ward will be collecting his/her device in school **in April Term 2 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 vendor'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	**www.changkatchangisec.moe.edu.sg** *NDLP page**
Edusave balance	6260 0777
Financial assistance	**General Office: 6785 9790**

FOR PARENTS

Purchase of Devices (2024)

1. Information on device	[Briefing during 2024 Sec 1 PTC] 📄 Frequently Asked Questions (FAQ)
2. Giving Consent for Purchase	Click here to give consent
3. Insurance & Warranty Info	Click [here] for more information
4. SOPs for device issues	Click 📄 here for more information
5. Other Useful Information	📄 Service Centre & Vendor Contacts

Information above correct as of 15 Jan 2024

Ministry of Education

SINGAPORE