

# Personal Learning Device (PLD)

## Parent Briefing



# AGENDA

## **NDLP**

National Digital Literacy  
Programme

## **RESPONSIBLE USE OF PLD**

Safe Learning Environment

01

03



02

04

## **PERSONAL LEARNING DEVICE (PLD)**

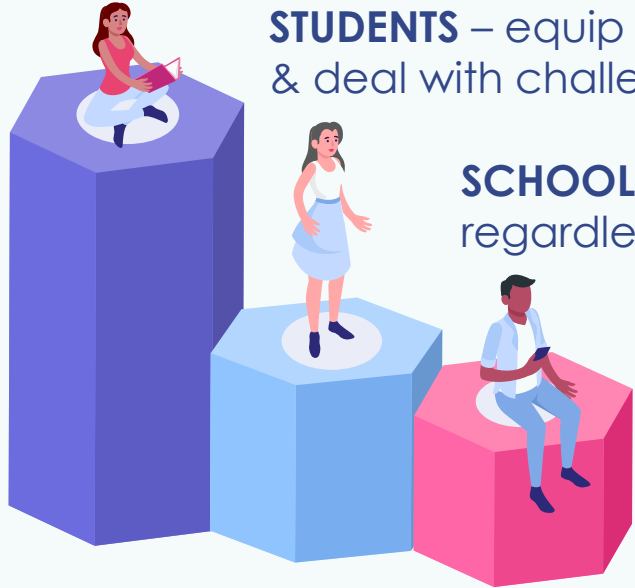
Selection Considerations

## **Q&A**

Safe Learning  
Environment

# Rapid Digital Technology Advancements

Digital technology is becoming **increasingly pervasive** in jobs, workplaces & society; **changing the way we live, work & play.**



**STUDENTS** – equip with skills to handle changes & deal with challenges in the digital present & future.

**SCHOOLS** – develop students to be agile & future-ready, regardless of backgrounds & starting points in life.

**PARENTS** – partner schools to help prepare their children for an increasingly complex, interconnected & technology-driven world.

# The National Digital Literacy Programme (NDLP)

Launched in Mar 2020 to **make digital learning inclusive** by **equipping students with the digital literacies** to be future-ready.

**Digital Literacies** better enable students to acquire the digital skills required to navigate the digital age.



# Intended Outcomes of a Personalised Learning Environment

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



## Support the Development of Digital Literacies

Provides an immersive environment for students to acquire digital skills.



## Support self-directed and collaborative learning

Engage in self-directed learning, & to learn together with their peers, anytime & anywhere.



## Enhance Teaching and Learning

Supports greater personalisation and differentiation in learning

# **PLD Selection Considerations**

# POSSIBLE LEARNING ACTIONS

-  A. Collaborate through Web Tools
-  B. Access Specialised Software
-  C. Screen Annotation/Sketching
-  D. Data Collection
-  E. Media Production
-  F. Presentations

Is the proposed device able to meet common use cases of teaching & learning actions envisioned?



# PLD REQUIREMENTS



- A. **Screen/Device Size**  
Ergonomics



- B. **Weight**  
Practicality



- C. **Operating System**  
Compatibility



- D. **Peripherals**  
Functionality



- E. **Price**  
Affordability

What are the pros & cons of the proposed PLD?  
e.g. Cost, durability, reliability, etc





# PRESCRIBED PLD



**CHROMEBOOK**

# PRESCRIBED PLD

## CHROMEBOOK

Brand	: Lenovo
Model	: Lenovo Chromebook 500e 3rd Gen
Type	: Chromebook
Processor	: Intel Celeron N4500
Screen Size	: 11.6" Touch Screen
RAM	: 4GB
HDD	: 64GB Storage
Wireless Connectivity	: WiFi6 AX201 2X2
Bluetooth	: 5.2
Built-in Camera	: 720p HD Camera & Mic
Carrying Case	: Yes
Optical Mouse	: USB Optical Mouse
Weight	: 1.33
What's in the box	: Lenovo Power Adapter, Lenovo USB Wired Mouse, Lenovo Carrying Case, Lenovo Pen



**Unit Price**  
**\$582.12**

- ✓ 3-year warranty and 3-year insurance
- ✓ 2 repairs OR 1 replacement claim



## AFFORDABILITY

- Low Startup cost
- Low Maintenance & Replacement costs
- Reasonable portion of Edusave usage
- No additional accessories cost



## PEDAGOGICAL AFFORDANCES

- Supports current applications (Google workspace, SLS & MS OneDrive)
- Meets various subject needs



## TECH ASPECTS

- Durability (meets military grade testing)
- Hassle-free background OS update

# Technical Support for Students' Devices



Technical support will be provided to students through:

- School ICT office:
  - Basic troubleshooting of device issues
  - Connectivity issues
  - Account related issues
- Lenovo Service Centre @ Tai Seng Centre, SmartCare Solutions
  - Problem Analysis
  - Hardware repairs
  - Device replacement

# Insurance Coverage



The package includes **a 3-year warranty & 3-year insurance\***, starting from the time the students get their device, which includes:

Insurance Coverage	Claimable
<ul style="list-style-type: none"><li>● Fire</li><li>● Lightning</li><li>● Power Surges</li><li>● Accidental e.g water spillage, drop etc</li><li>● Theft due to forcible entry</li><li>● Robbery</li></ul> <p>* Accidental loss/damage will not be covered by insurance.</p>	<p>2 repairs or 1 replacement (3-year insurance)</p>

# Safe & Effective Use of PLD



# Supporting Students in the Responsible Use of the Devices

The school has in place some measures **to enable a safe and seamless learning environment for students.**

The role of the parent is also key in **partnering** the school to support your child.

# Supporting Students in the Responsible Use of the Devices

The school has strategies to enable school-wide implementation of CCE. These include:

- Cyberwellness Lessons during CREST lessons
- Digital Literacies & Awareness through iSEP lessons
- Responsible Use Policy (RUP)
- Building awareness through assembly programmes
- Building positive Teacher-Student Relationships
- Promoting a Peer Support Culture

# Supporting Students in the Responsible Use of the Devices

## Educating students on Cyber Wellness

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

Topics covered in the Cyber Wellness lessons include:

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



# Supporting Students in the Responsible Use of the Devices

Parents play a key role in their children's growth. We seek your **partnership** in supporting and reinforcing messages on the respectful, safe and responsible use of technology.

The school's Parent Support Group (PSG) organizes parent workshops, including talks on cyberwellness.

Join the PSG for updates:



# Supporting Students in the Responsible Use of the Devices

Other resources for parents:



SEL resources  
for parents



IG: Parenting with  
MOE.SG



MOE Parent Kit



# Supporting Students in their e-Learning Journey

# ICT Skills Enrichment Programme (iSEP)

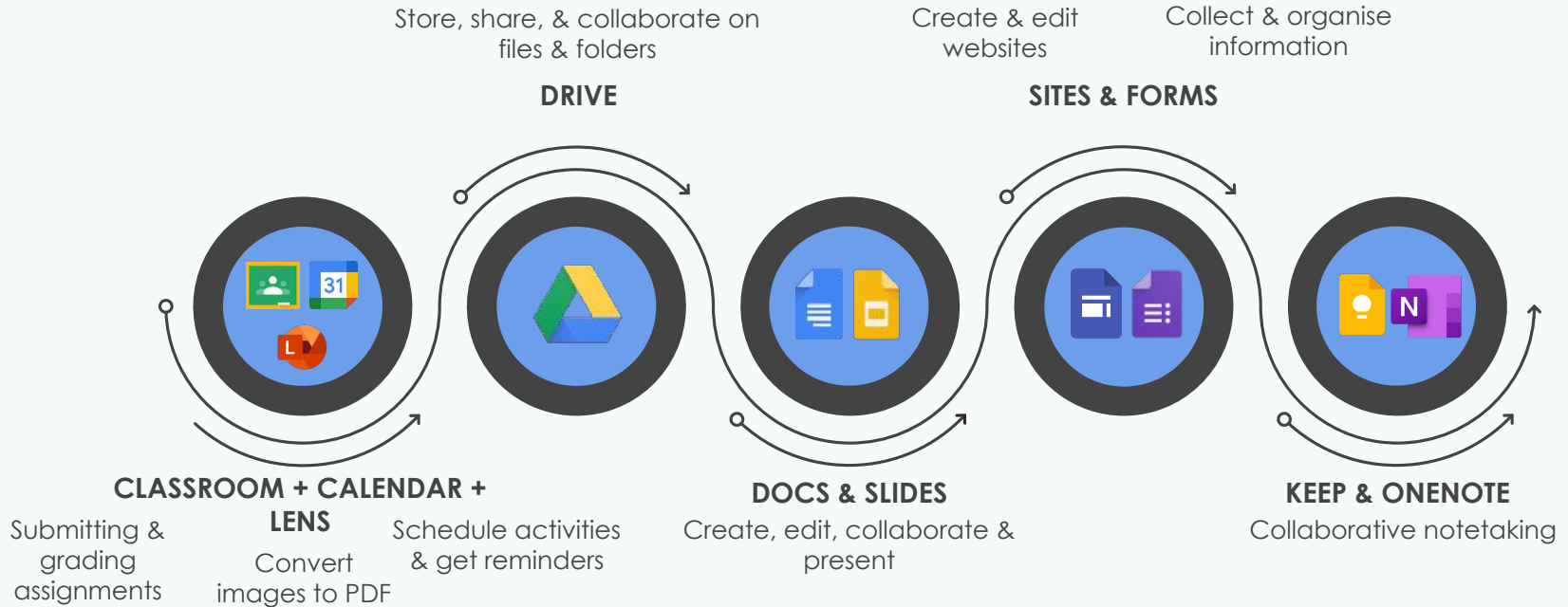
## Preparing Students for Crestian Learning Day (CLD)

Fortnightly Home-Based Learning (HBL) even week Friday.

### **iSEP Lessons**

Sec 1 Students go through 4 lessons to acquire important skills which allow students to navigate various ICT platforms that facilitate online/digital learning.

# ICT Skills Enrichment Programme (iSEP)



# ICT Skills Enrichment Programme (iSEP)



- Allow students to gain skills & familiarity for the use of their PLDs.



- Orientate & acquaint students with digital & online learning.



- Inculcate a sense of self-directed learning & knowledge acquisition.



- Impart skills for collaborative work in the digital workplace of the future.

# ICT Skills Enrichment Programme (iSEP)

Thank you for sharing information about how to use these apps so that we can **use them in the future!**

- Maxine (1/4)

Thank you very much for helping me **improve my ict skills**. I actually think that these **lessons are very useful**. Thank you!

- Hazirah (1/4)

I like how the teacher managed to help us over the course of the ict lesson and make sure that **everyone managed to get these skills right**.

- Jun Ye (1/6)

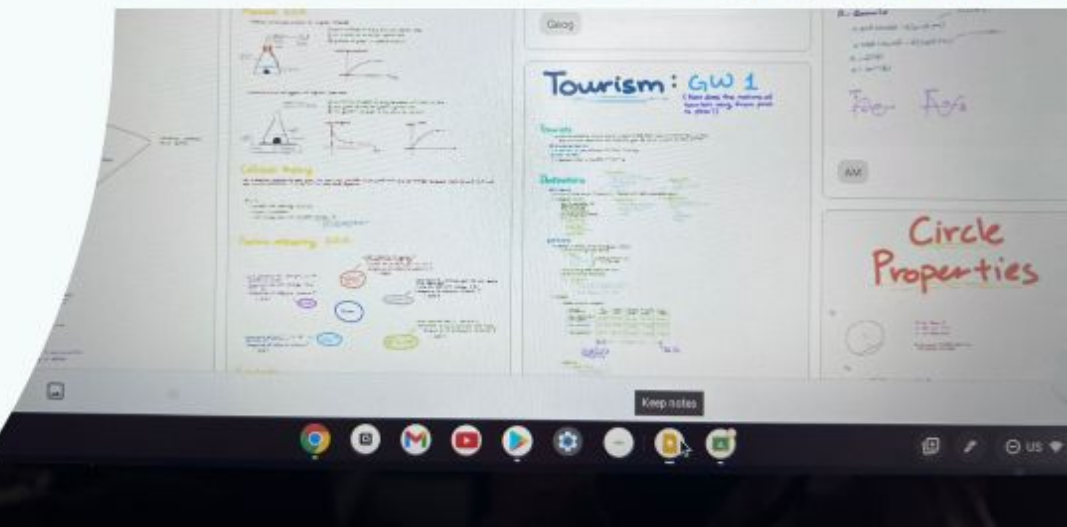
I am glad that the ICT Coach is very easy to understand when it comes to **helping students which aren't that knowledgeable about IT stuff**

- Muaz (1/6)

Thank you for teaching me all this so that **I can use this for online learning!**

- Sharifah (1/7)

# PLD In Action





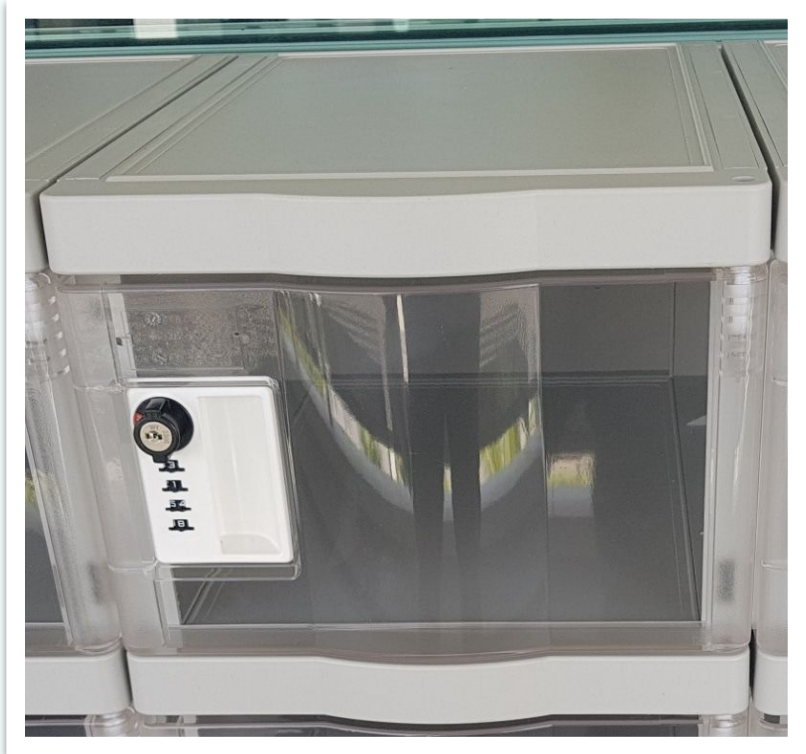
# Safe Storage of PLD in School

# Student PLD Lockers



Individually assigned PLD locker located outside each classroom.

# Student PLD Lockers



# **Device Management Application (DMA)**

# Device Management Application (DMA)

DMA software will be installed on the PLD to provide a safe learning experience for your child, & to prevent misuse of the PLD.

The DMA will be **uninstalled** when your child **graduates / leaves PRCs**.

## Uses of DMA:

1. Remotely deploy educational apps & security patches
2. Enable teachers to direct students' screens during lessons
3. Restrict content from inappropriate websites & apps
4. Limit screen time



# Device Management Application (DMA)

The school will determine DMA settings for **in-school use**. As a default, these settings will continue to be in place after school:

1. MOE and the school has set the level of web content filtering, including filtering out objectionable content or content that may not be conducive to teaching & learning (e.g. social media, pornography, gambling, or websites containing extremist content)
2. Students will be able to use the device from **6.30 a.m. to 9.00 p.m.** daily
3. The school will determine the apps and programs to be installed to support teaching & learning



# Device Management Application (DMA)

**After school hours** DMA options available for parents/guardians.

	Default	Option A	Option B
<b>After sch hours</b>	In-school DMA settings continue	Parents/Guardians can modify DMA settings	Parents/Guardians can choose to disable DMA
<b>For parents/guardians who .....</b>	want their child's/ward's use of the PLD to be solely used for learning.	want to take charge of the DMA settings for their child's/ward's use of the PLD.	want their child/ward to use the PLD without any safety restrictions.
<b>Remarks</b>	<ul style="list-style-type: none"><li>• Default is the best option for parents/guardians who prefer not to, or do not feel ready to manage their child's/ward's PLD use on their own.</li><li>• Parents/guardians can request change of DMA settings at every start of the term.</li></ul>		



# Device Management Application (DMA)

After school hours DMA options available for parents/guardians.

	Default	Option A	Option B
Inappropriate content	MOE/school adjusts level of web content filtering	Parents/Guardians can adjust web content filtering	No web content filtering
Reduce learning distractions	MOE/school standardises type of applications that can be installed	Parents/Guardians controls installation of applications (disabled during sch hours)	Child/ward can install any application (disabled during sch hours)
Screen time	School standardises the amount of screen time*	Parents/Guardians can modify the amount of screen time	No control over the amount of screen time

\*PLD will enter sleep mode when screen time is up.





# Device Management Application (DMA)

You may wish to consider the following questions before deciding on the choice of after-school DMA option best suited for your child's/ward's learning.

## 1. Child's/ward's current device usage habits

- How much time does my child/ward spend on his/her device?
- How well is my child/ward able to self-regulate device usage?
- Does my child/ward get easily distracted while studying?

## 2. Parents'/Guardians' involvement

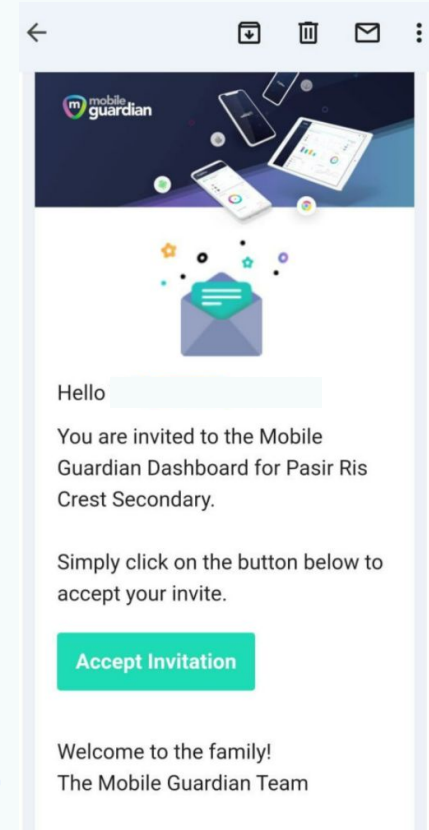
- Are there existing routines and open conversations on device usage at home?
- How confident and familiar am I with managing my child's/ward's cyber wellness?
- How confident and familiar am I with preventing different types of cyber threats that my child/ward might face?



# Device Management Application (DMA)

Parents who have selected **Default Option** and **Option A** will be sent an **invitation**, to activate their DMA account, **via the E-mail address they provided in the consent form.**

Parents will need to accept the invite to access the DMA setting for their child.



# Parents' Role

The school and parents are partners in ensuring our children are well supported in their use of technology for learning.

As parents, you can help in the following ways:

- ✓ Set ground rules for internet use.
- ✓ Model good digital habits for your child.
- ✓ Navigate the internet together to understand your child's usage.
- ✓ Know your child well by having conversations about safe & responsible use of technology.

# What happens next...

Next week, a message will be sent out via **Parents Gateway (PG)** :

1. Parents Consent for purchase of Personal Learning Devices (PLD).
2. Parents Consent to use EduSave to purchase students PLD.
3. DMA selection for students PLD.
4. Information regarding the National Digital Literacy Program (NDLP) & Students PLD.

# THANK YOU

This deck of slides is available on the school website.  
<https://prcss.moe.edu.sg/parents>