Personal Learning Device (PLD) Briefing for Parents

The National Digital Literacy Programme (NDLP)

1. The NDLP was launched in March 2020 to make digital learning inclusive by equipping students with the digital skills to be future-ready.

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

The use of the personal learning device for teaching and learning aims to:

Support the Development of Digital Literacies

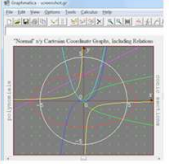**Support self-directed and collaborative learning**

Enhance Teaching and Learning

Students' Experiences

Our device provided was a laptop each.

Learning with a Personal Learning Device @ Punggol Secondary School

Learning with PLD

Lessons in classrooms

Maths
Data analysis & visualisation of graphs

eCCAs

E-enrichment

E-Learning Journey

Humanities
- Geographical field investigation using Excel
- Historical research, supported by multi-media sources

MTL
- CI & TL text input
- Video conferencing for synchronous learning
- Online via SLS

Google Workspace

EL
- Content Research on for essays and oral comm
- Ideation & sharing of ideas via Padlet
- Recording of oral comm for feedback

Science
Investigation & inquiry through simulations

$2 CH_4 + 1 O_2$ → $2 CO_2 + 0 H_2O$

Digital Learning Spaces/App

G Suite For Education

SINGAPORE STUDENT LEARNING SPACE

Office 365 Education
Enhancing collaboration and productivity

padlet

Cyber Wellness Education

A **respectful, safe, and responsible users of technology**

Support from PSLs

Assembly programme

Cyber Wellness Lessons

Learning Environment

Routines

Lockers

Charging after 12 pm

ICT Support Centre

SLS Digital Literacies

DMA

Handphone Policy

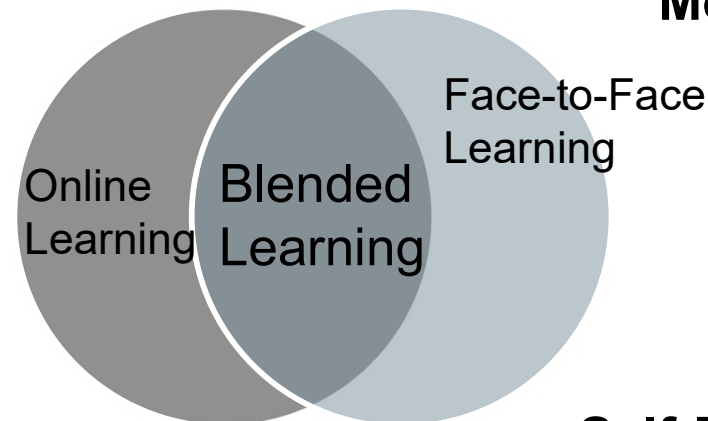| Default	Option A	Option B
In-school DMA settings will continue after school hours	Parents can determine DMA settings after school hours	Parents can choose to disable DMA after school hours

HBL Day, even week Friday

Online Learning

Blended Learning

Face-to-Face Learning

Motivated

Confident

Self-Directed

Collaborative

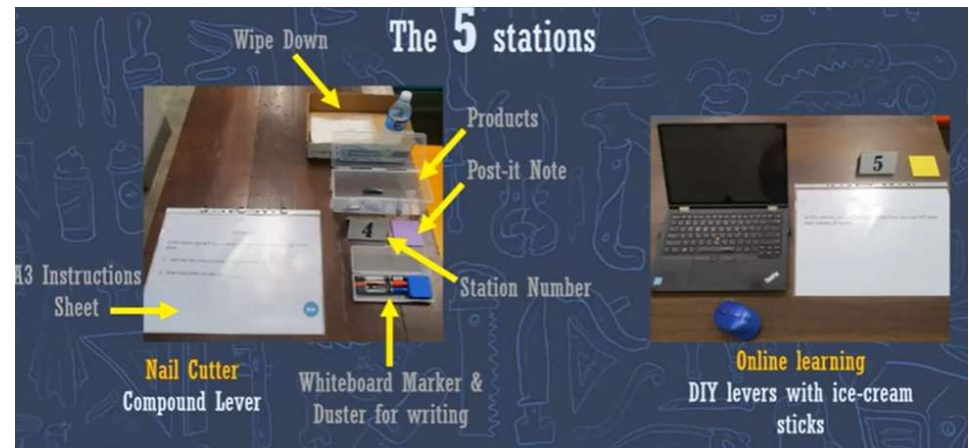# Future-Ready Life-long Learner

Geography: Use of current examples to substantiate points in answers

Craft & Technology: Ideation and Learning through practice and internet resources

English: Identifying Visual Text elements using authentic advertisement examples

Learning with Technology beyond textbooks

Staying up-to-date with current information

ONLINE (INDIVIDUAL) STATION

TEACHER STATION

OFFLINE (GROUP) STATION

MTL: Development of students collaborative skills through different learning stations

Biology: Peer Critique using Padlet to sharpen students awareness and drawings of biology diagrams

Biological Drawing of Cucumber
I love biological drawing

Biologist 12 | Biologist 14 | Biologist 15 | Biologist 16

GOOD 👍 | Nice la

love it | Nice | Nice

niceee!! | Very nice | nice

nr cucumber 🥒 | | NICE LA

Good drawing

Collaborative Learning in Digital and Physical Spaces
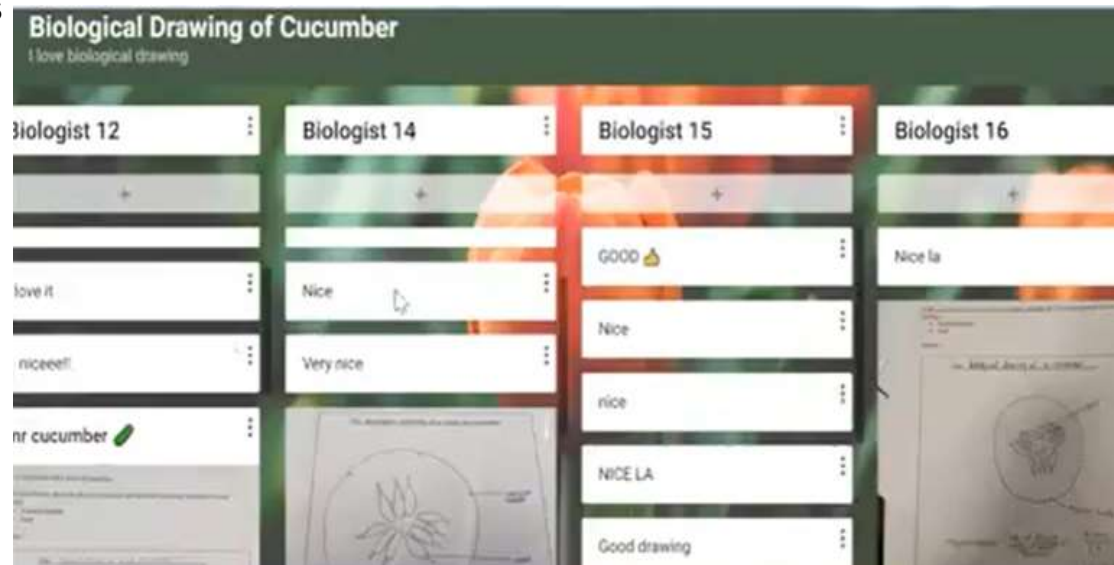
Useful Digital Skills for Students .....

Photo-Editing workshop
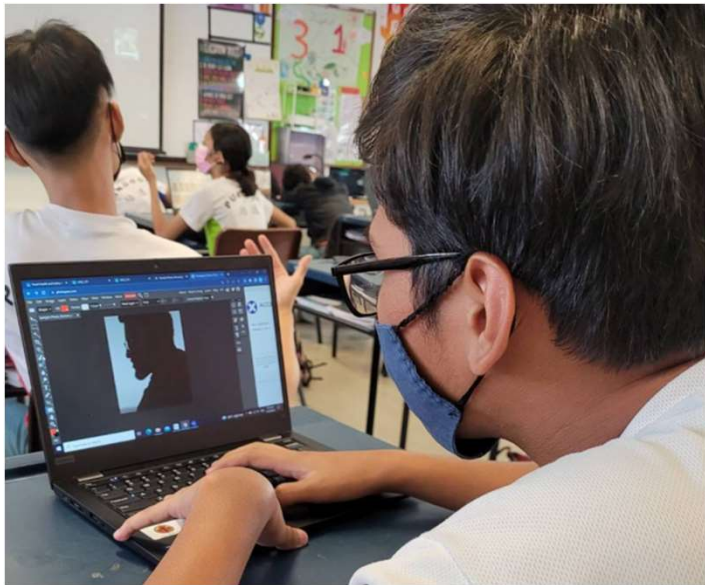
Python Coding (IoT)

Code for fun

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 safe and conducive learning environment for students in the use of PLDs for teaching and learning, e.g.

- Classroom management and routines
- Educating students on Cyber Wellness
- Partnering parents/guardians to ensure that students are well-supported in their use of technology for learning
- Device Management Application (DMA)

Classroom Management and Routines

E.g.

Place

- Put fully charged PLD in school bag before coming to school
- Place PLD in lockers when not in use

Protect

- Never share your ID and password with anyone
- Seek help from school service desk when PLD not working

Discipline

- Pay attention to teacher when PLD not in use
- Screen down when teacher is giving instruction

Cyber Wellness Education

Educating students on Cyber Wellness

MOE has made significant changes to the Character and Citizenship Education. Cyber Wellness lessons will feature significantly in the CCE2021 lessons.

Students will learn to be **respectful, safe, and responsible users of technology**

Topics Cover in Cyber Wellness lessons	Focus for each level	Support Programmes
• Cyber Use • Cyber Identity • Cyber Relationships • Cyber Citizenship • Cyber Ethics	**Sec 1**: Online identity, self control and addictive behaviours, **Sec 2** : Building Positive relationships, being mindful about disclosing personal info online, importance of being ethical online **Sec 3** : Demonstrate social and cultural sensitivity in online communications, understand risks involved in unsafe online participation **Sec 4** : Advocate for the forming of relationships with people from different socialisation circles, know the importance of making responsible and discerning choices for the benefit of the cyber community	• Assembly programme • Support from Peer Support Leaders • Cyber Wellness Lessons • Integrated curriculum supported by safe and responsible use of technology

Parents'/Guardians' Role

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.
- Set ground rules for internet/device usage.
- Guide your child/ward to use productivity tools using his/her PLD, to organise information and simplify tasks for efficiency.

Parents' Voices:
In Conversation on Students' Use of PLDs for Learning

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

Device Management Application Installation

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

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

- This applies to both devices purchased through the school and pre-existing student-owned devices.

- 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. pornography, gambling, or websites containing extremist content)
- Students will be able to use the device from 7.00 am – 6.00 pm (till end time of last lesson) daily
- The school will determine the apps and programs to be installed to support teaching and learning

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

	Default	Option A	Option B
Protecting students from objectionable content	MOE/school sets level of web content filtering	Parents/Guardians can apply additional content filtering	No content filtering
Reduce distractions from learning through control of applications	Parents/Guardians and students **unable** to install additional applications	Parents/Guardians and/or students can install applications after school hours, but these applications are disabled during school hours	
Limit screen time	School sets hours during which students are able to use the device online	Parents/Guardians can modify the amount of screen time*	No control over screen time
Parent/guardian account	Provided to allow monitoring of PLD activities after school hours		Not provided
Monitor students' cyber activities	Parents/Guardians can track their child's/ward's browser history after school hours		Parents/Guardians will **not** be able to monitor or control their child's/ward's use of the device through the DMA after school hours No data[#] will be collected during use of PLD after school hours

*Screen time limits set by the school will override parents'/guardians' settings during school hours.

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

Deciding on the choice of after-school DMA option

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

1. **Child's current device usage habits**
   - How much time does my child spend on their device?
   - How well is my child able to regulate their device usage on their own?
   - Does my child get easily distracted while doing online learning?

2. **Parental involvement**
   - How confident and familiar am I with managing my child'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 might face?

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

*DMA settings can only be changed on semesterly basis and only case-by-case basis for exceptional cases

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

Additional Resources for Parents

To support you in keeping your child/ward safe online, you may refer to these additional resources:
- Parent Handbooks (I) and (II) on Learning with a Personal Learning Device (shared by the school)
- Parent Kit on Cyber Wellness for Your Child (https://go.gov.sg/moe-cyber-wellness)
- Schoolbag article 'Keeping our teens safe online' (https://www.schoolbag.edu.sg/story/keeping-our-teens-safe-online)
- MOE Cyber Wellness Programme (https://www.moe.gov.sg/programmes/cyber-wellness/)
- Media Literacy Council (https://go.gov.sg/better-internet-sg)
- National Library's Learning & Information Literacy Resources (https://sure.nlb.gov.sg/)
- TOUCH Community Services (https://help123.sg)

Device and Funding Information

Punggol Secondary School Personal Learning Device

Intel Core i5-1235U processor, 8GB RAM, 512GB SSD Storage, 14.0" non-touch screen, 1.62 kg

The school will be using the **Acer TMP214-54** for teaching and learning.

Total cost of the bundle includes 3-year warranty and 3-year insurance with GST: **S$ 833.00**

Punggol Secondary School Personal Learning Device

Acer TMP214-54

The school chose the device because of:
- Portability
- Durability
- Faster processing speed and large storage
- Software compatibility for all subjects
- Future programming consideration such as computing/coding for students, multi-media creation as part of aesthetics education

Personal Learning Device Bundle

Device Bundle includes

- Acer TMP214-54
- Power Adaptor, Mouse, Carrier Bag

Your child's/ward's PLD will come with the **Enhanced Device Bundle** which includes:
- 3-year warranty and 3-year insurance
- 2 repairs or 1 replacement claim

Service-desk sited in school to provide technical support

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)

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 second-tier miscellaneous fees.

To ensure the affordability of devices, MOE has provided Edusave top-ups in 2020 to 2022 ($200 in each year) to all eligible SC 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 students on <u>MOE-FAS</u>, subsidies are available even if there is insufficient Edusave balance. The <u>cash out-of-pocket will be $0</u>.

- Subsidies will be provided for SC students who need support, particularly those whose <u>Gross Household Income (GHI) is below $4,400 </u>or <u>Per Capita Income (PCI)[#] is below $1,100</u>.

- For more details on financial assistance, please approach the school.

[#]PCI is GHI divided by the number of household members.

Funding Support for Non-Singapore Citizen Students

- Permanent residents (PR) and international students (IS) who need support could apply for subsidies, particularly those whose <u>Gross Household Income (GHI) is below $4400</u> or <u>Per Capita Income (PCI)# is below $1100</u>.

- For more details, please approach the school.

#PCI is GHI divided by the number of household members.

FAQ – What if I want to use my own device, instead of buying the school-chosen device?

Students who do not wish to purchase a device because they already have their own device(windows device) will have to seek approval from the school before they can pursue this option. The Windows-based devices must meet the following minimum specifications:

Processor	8th Generation Intel Core i5 CPU (or better), or equivalent
RAM	8 GB or higher
[#1]Operating System	Windows 10 Professional*, Windows 10 Education* or Windows 10 Professional Education* * Updated minimally to build 2004 onwards
Storage Capacity	500GB SATA/SSD or larger
Screen Size	11.6 inch or larger
Screen Resolution	1366 x 768 (HD) or higher
Device Age	Not older than 4 years from manufacturing date
Battery	Able to use for at least 4 hours on a fully charged battery

[#1] For student-owned devices which are on Windows 10 Home license, school will assist to upgrade the operating system to Windows 10 Education.

FAQ – What if I want to use my own device, instead of buying the school-chosen device?

Windows Accounts Requirements	**School** Windows "Administrator" account of the laptop needs to be provided to the school to assist with installation of applications, troubleshoot issues, etc. - The Account name will be determined by the school (usually an abbreviation of the school name). **Student** Normal User Account (without Administrator Rights). **Parents** Parents can still hold on to an "Administrator" account. - Parents are reminded not to share the "Administrator" account password with their child.

Upon approval, the school will assist to install the Device Management Application in the student's existing device, which can be uninstalled from the device upon the student's graduation.

Do backup all the data before proceeding with the installation of the DMA.

What's Next

What's Next

For Singapore Citizens

Time Frame	Activity
5 – 15 Jan 2023	Submit these 3 online forms via FormSG in the 'Letter to Parent': • **Intent to Purchase** • **Use of Edusave (*for Singaporean students only*)** • **Collection of PLD** **\<Hardcopy forms to be given to parents not on board Parent Gateway\>** **Submit subsidy application form, if nec.**
*Apr – May 2023	**Collection of Devices by students**

*Subjected to devices availability by supplier

What's Next

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

Time Frame	Activity
5 – 15 Jan 2023	Submit these 2 online forms via FormSG in the 'Letter to Parent': • **Intent to Purchase** • **Collection of PLD** <Hardcopy forms to be given to parents not on board Parent Gateway> Submit subsidy application form, if nec.
Feb to Mar 2023	Parent/Guardian to make payment via Giro/SAM/PayNow/Cheque or Cash in School, upon receiving the hardcopy school bill.
*Apr – May 2023	Collection of Devices by students

*Subjected to devices availability by supplier

Letter to Parents for Procurement

singpass

Parents with SingPass can access the Letter to Parents for Procurement to indicate your consent via the following link:

https://go.gov.sg/pdlpadmin

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

(Government & Government-Aided Schools) Personalised Digital Learning Programme

⏱ **3 mins** estimated time to complete

LOGIN WITH SINGPASS →

Login to https://go.gov.sg/pdlpadmin
using Singpass

1. Name of child / ward

2. NRIC or FIN of child / ward

Enter NRIC or FIN

3. School

Punggol Secondary School ▾ ✕

4. Class (optional)
When indicating the class, please include the year. Eg. Sec 2-D (2020)

Enter the child information for Question 1 to 4

Intent to Purchase

Purchase of Personal Learning Device (PLD)

5. I wish to purchase the PLD bundle facilitated by the school.
Please note that the PLD bundle will come installed with a Device Management Application (DMA).

| ✕ NO | ✓ YES |

Intent to Purchase – Yes

Use of Edusave

Singapore Citizen	Permanent Residence / International Student
6. Is your child / ward a Singapore Citizen? [✗ NO] [✓ YES] 7. I would like to use my child's / ward's Edusave to purchase the PLD bundle MOE will set up a PDLP Standing Order for your child to ensure that Edusave is deducted when your child is billed for the PDLP using School Bill. [✗ NO] [✓ YES]	6. Is your child / ward a Singapore Citizen? [✗ NO] [✓ YES] 7. If No, please indicate citizenship: [▾] [✗]

Collection of PLD

8. Please select your Mode for Collection:

The default mode of collection is for your child / ward to collect his / her PLD in school and verify the condition of the computing device. The Vendor will run through a device checklist with your ...ward at the point of collection to ensure that the device is in good working condition, and for ...ld / ward to verify the condition of the device.

If you are concerned that your child / ward will not be able to properly verify the condition of the PLD, you should not authorise your child / ward as your proxy, and instead arrange to either collect the PLD personally or appoint an adult proxy.

[▾] [✗]

9. Please enter your Mobile Number for us to contact you for further queries.

[8123 4567   ▬]

10. Please enter an Email Address (Parent).

Please indicate one parent's personal email address to be provisioned with the DMA Parent's Account for viewing of your child/ward's PLD information. This personal email account should only be accessible by the parents.

[me@example.com]

[SUBMIT]

Intent to Purchase – No

6. If No, please state reason:

[I would like my child / ward to use his / her own computing device in school (subject to DMA compatibility) and agree to have DMA installed on the device] [▾] [✗]

Other reasons

7. Please enter your Mobile Number for us to contact you for further queries.

[8123 4567   ▬]

8. Please enter an Email Address (Parent).

Please indicate one parent's personal email address to be provisioned with the DMA Parent's Account for viewing of your child/ward's PLD information. This personal email account should only be accessible by the parents.

[me@example.com]

[SUBMIT]

Collection of Devices

Your child/ward will be collecting his/her device in school **from Apr to May 2023.**

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	Available on School website after the parents engagement session
Edusave Balance	6260 0777
Financial assistance available	oh_chew_Ling@schools.gov.sg
PLD Queries (HOD/ICT)	tay_seow_heong@schools.gov.sg

THANK YOU