Personalised Digital Learning Programme

National Digital Literacy Programme

Outline

Our Personalised Digital Learning Programme (PDLP)

National Digital Learning Programme

- Device and Funding
- Responsible Use
- Other Information

Our Personalised Digital Learning Programme (PDLP)

Our PDLP

Students use PLD to
- collaborate with peers in performance tasks
- carry out research, collect data and think critically through data analysis and discussions
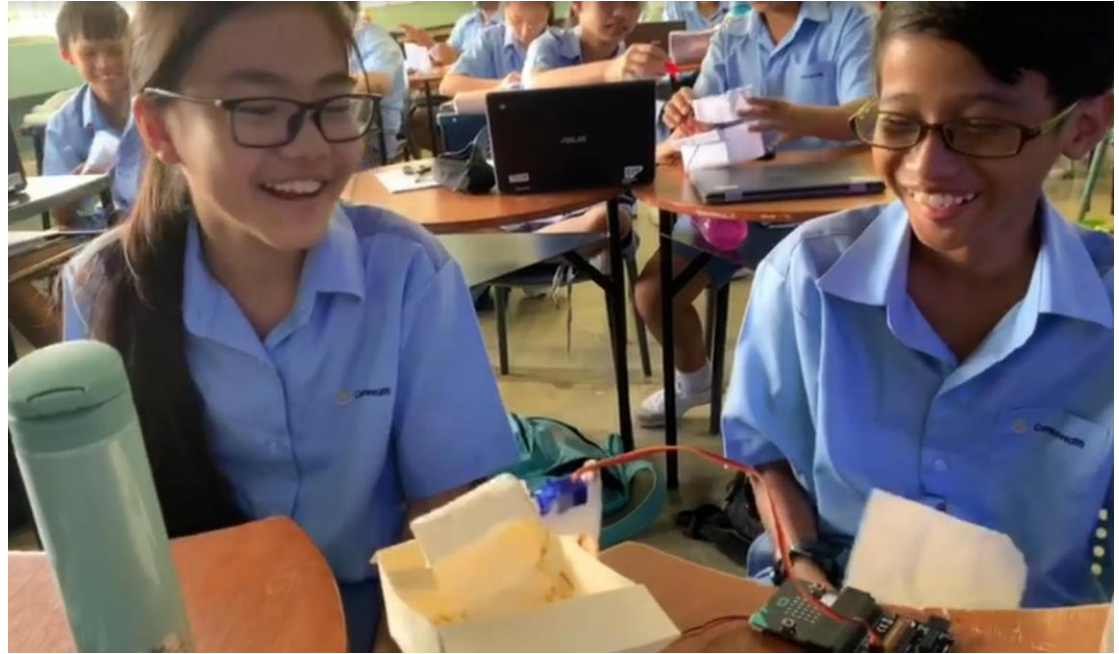
Our PDLP

Students use PLD to
- learn using multimedia resources
- receive timely and customised feedback
- learn anytime, anywhere
- learn at the own pace

Our PDLP

Students use PLD to

● create digital
   products to
   demonstrate
   learning
● Code

Our PDLP

allows teachers to monitor the progress of students and provide timely feedback and interventions

Enhanced learning experiences

Students' Survey 2019 & 2020:

>90% SA/A that use of PLD has made **learning more enjoyable**.

>90% SA/A that use of PLD has **helped them to learn better**.

Students' Confidence of their Digital Skill Sets

Students' Survey 2020

>90% discern accurate information from Internet

>90% express ideas through suitable digital media

>90% online collaboration

*"It allows the **lesson activities** to be **more interactive** and we are able to **access the lessons online to aid in revision** "*

*"It allowed me to **search up useful information** regarding the current project or work*

*"it has made lessons more interesting so **i am more interested to learn the subject** and it is also **easy to understand** the subject online."*

The National Digital Literacy Programme (NDLP)

Digital technology is becoming increasingly pervasive in jobs, workplaces and society.

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

The National Digital Literacy Programme (NDLP)

Through the NDLP, all secondary school students will **own a school-prescribed personal learning device (PLD)** by end 2021, Singapore Citizen students can use their **Edusave Account to pay for the PLD.**

The device will be used to facilitate an environment that **encourages personalised learning.**

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

Device and Funding Information

Lenovo IdeaPad Flex 3

- Intel Celeron 4120 1.1 GHz
- 4GB RAM
- 256 GB Storage
- 11.6" touch screen
- 1.2 kg
- Stylus
- 720p built in camera
- Wired mouse, carrying case
- Battery: 8 hrs
- $692.20 incl GST

Personal Learning Device Bundle

- Lenovo IdeaPad Flex 3
- Fortnightly courier service by contractor for damaged devices
- 3-year Insurance and 3-year warranty

Insurance Coverage

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

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

Funding Support for Singapore Citizen (SC) Students

- **The cost of the device bundle can be paid using your child's Edusave account,** after setting aside provision for payment of second-tier miscellaneous fees.

- To ensure the affordability of devices, **there was a one-time Edusave top-up of $200 in April 2020** to support the purchase of the device

- This is on top of the **annual $290** credited into the Edusave account for Secondary School students.

Funding Support for Singapore Citizen (SC) Students

- For students on MOE-FAS, subsidies are available even if there is insufficient Edusave balance. The cash out-of-pocket will be $0.

- Subsidies will be provided for SC who need support, particularly those whose Gross Household Income (GHI) is below $4,000 or Per Capita Income (PCI)# is below $1,000.

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

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

20

Funding Scenario: Student A (S'pore Citizen)

Lenovo IdeaPad Flex 3 $692.20 (Incl GST)

	Student A GHI > $4,000 or PCI > $1,000	
Device Bundle Cost	**$692.20**	
Available Edusave Balance *(After setting aside for 2nd-tier misc fees)*	**If $200.00, deduct $200.00**	**If more than $692.20, deduct $692.20**
Cash Out-of-pocket	**$492.20**	**$0.00**

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

Funding Scenario: Student B (S'pore Citizen)

Lenovo IdeaPad Flex 3 $692.20 (Incl GST)

Student B (on MOE FAS) GHI ≤ $2,750 or PCI ≤ $690		
Device Bundle Cost	**$692.20**	
Initial Subsidy	**$346.10 (50%, rounded up to nearest 10 cents)**	
Available Edusave Balance *(After setting aside for 2nd tier misc fee)*	**If $200.00, then deduct $200.00**	**If more than $346.10, deduct $346.10**
Further Subsidy	**$146.10**	**$0.00**
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 Scenario: Student C (S'pore Citizen)

Lenovo IdeaPad Flex 3 $692.20 (Incl GST)

Student C (Non MOE-FAS SC from lower income families) $2,750 < GHI ≤ $4,000 or $690 < PCI ≤ $1,000		
Device Bundle Cost	**$692.20**	
Initial Subsidy	**$207.70 (30%, rounded up to nearest 10 cents)**	
Available Edusave Balance *(After setting aside for 2ⁿᵈ tier misc fee)*	**If $200.00, then deduct $200.00**	**If more than $484.50, deduct $484.50**
Further Subsidy	**$234.70**	**$0.00**
Cash Out-of-pocket	**$50.00**	**$0.00**

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

Funding Support for Non-Singapore Citizen Students

- Permanent residents (PR) and international students (IS) who need support could apply for subsidies, particularly those whose Gross Household Income (GHI) is below $4000 or Per Capita Income (PCI) is below $1000.

- For more details, please approach the school.

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

Funding Scenario: Student D (PR/IS)

**Lenovo
IdeaPad Flex 3
$692.20
(Incl GST)**

Student D GHI > $4,000 or PCI > $1,000	
Device Bundle Cost	**$692.20**
Cash Out-of-pocket	**$692.20**

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

Funding Scenario: Student E (PR/IS)

**Lenovo
IdeaPad Flex 3
$692.20
(Incl GST)**

Student E $2,750 < GHI ≤ $4,000 or $690 < PCI ≤ $1,000	
Device Bundle Cost	**$692.20**
Student subsidy	**$138.50** *(20% subsidy, rounded up to nearest 10 cents)*
Cash Out-of-pocket	**$553.70**

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

Funding Scenario: Student F (PR/IS)

**Lenovo
IdeaPad Flex 3
$692.20
(Incl GST)**

Student F GHI ≤ $2,750 or PCI ≤ $690	
Device Bundle Cost	**$692.20**
Student subsidy	**$200 max**
Cash Out-of-pocket	**$492.20**

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

What's Next

Date	Activity
13 Jan 2021	Complete form via form SG* • Intent to Purchase • Use of Edusave (S'pore Citizen) • Collection of PLD authorisation
TBC	• Payment via PayNow/ GIRO/ Cheque if applicable
TBC	• Collection of PLD

* Hardcopy will be provided for parents/Guardians with no access to PG

Responsible Usage of Devices

Cyber Wellness Education

A. Educating students on Cyber Wellness
MOE has made significant changes to the Character and Citizenship Education (CCE). Cyber Wellness lessons 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

As parents, you can also play a part.
- Model good digital habits for your child.
- Know your child well, and have conversations with your child about safe and responsible use of technology.
- Set ground rules for internet use.
- Navigate the internet together to understand their usage.

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.

A. Educating students on Cyber Wellness
B. Device Management Application (DMA)
C. Code of Conduct on use of learning devices

Cyber Wellness Education

To support you in keeping your child safe online, you may refer to these resources:

- go.gov.sg/moe-cyber-wellness
- go.gov.sg/beta.moe.gov.sg/programmes/cyber-wellness/
- go.gov.sg/better-internet-sg
- sure.nlb.gov.sg/
- help123.sg

Supporting Students in the Responsible Use of the Devices

B. Device Management Application
Device management application (DMA) software will be installed on your child's device to provide a safe learning experience for your child, and to prevent misuse of the device.

The DMA will be **funded by MOE** and will be **uninstalled** from the device **when the child graduates/ leaves the school.**

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

34

Supporting Students in the Responsible Use of the Devices

B. Device Management Application

Mobile device Management Service	Classroom management Service	Usage Management Service
• facilitates remote deployment of teaching and learning applications • Content filtering • Device security and compliance settings	• monitor and control the student's use of the PLD during lesson time	• Monitor usage and activities • Content filtering • Control screen rime

Supporting Students in the Responsible Use of the Devices

C. Code of Conduct on use of learning devices and ICT accounts to help your child to **understand the expectations of device use** to **enable a conducive learning environment**.

Parents could refer to the Code of Conduct in the student handbook when helping to manage his/her child's use of the PLD.

36

Code of Conduct on use of learning devices

Student
Handbook
Page 16

3   **Responsible use of School Computing, Personal Learning Devices and Mobile Phones**

3.1   We use school computing and personal learning devices as well as the CWSS google account for the purpose of learning.

3.2   We use the learning devices and ICT accounts in a responsible manner. Unauthorised/ inappropriate uses are strictly prohibited. They include:
- play games and engage in personal social media platforms
- duplicate, make available or obtain illegally, any copyrighted material including licensed software, music, videoes, etc.
- post / transmit anything obscene, abusive or offensive to others via any online platforms/ emails.
- send spam emails using CWSS google email account
- engage in any unlawful activities such as gambling, phishing and scam
- sign up for non-educational applications such as games or online shopping.

3.3   We will handle the learning devices with care. We will not damage/ disassemble any parts of the learning devices nor subject the screen to any pressure.

3.4   We will report any faults/ misuse immediately to teacher.

3.5   We will take responsibility to remember the password for the various ICT accounts.

Parents Handbook on 1-to-1 Learning

- School's website
- Parents Gateway

PARENT HANDBOOK (I) ON 1-TO-1 LEARNING

Learning in a Digital Environment

What's in store for your child for 1-to-1 learning?

Digital Parenting Tips for You

Other Information

Digital Literacy Programme

Sec 1
- MS 365
- Basic coding
- App creation

Bring Your Own Device

- **Minimum specifications:**
  - Windows 10 Operating System
  - Intel Celeron N4020
  - 4GB RAM, 128GB storage
  - 5GHz wireless network connectivity
  - 6 hrs battery life
  - Stylus input
  - Web-cam
- **Must be installed with school's Device Management Application (DMA).** *Update after briefing: The device would need to be reset to factory state for DMA to be installed.*

Technical Support

- School ICT Helpdesk
    - 0740 to 0800
    - Recess
    - 30 min to 1 hr after school

Safety of PLD

- Classrooms are installed with locks

- Rental of school lockers

Important Contacts/ Helplines

To access/find out more about...	Contact/Helpline
This deck of slides	School Website & Parents Gateway
Edusave Balance	6260 0777
Financial assistance available	Email cwss@moe.edu.sg Tel : 65606866
PDLP matters	HOD ICT Email: wong.sokfoon@cwss.moe.edu.sg

Important deadline

Date	Activity
13 Jan 2021	Complete form via form SG* • Intent to Purchase • Use of Edusave (S'pore Citizen) • Collection of PLD authorisation

THANK YOU