National Digital Literacy Programme
Briefing for Parents

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)** from end 2021 onwards. 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

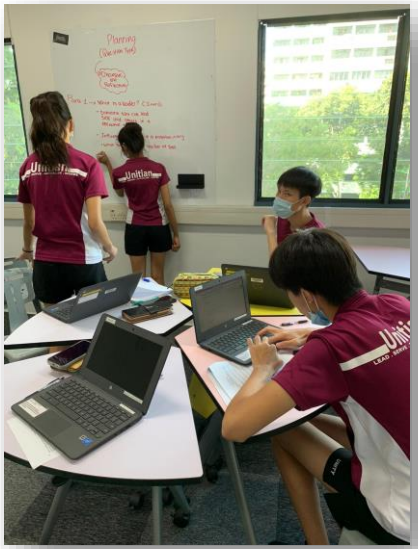
Enhance Teaching and Learning

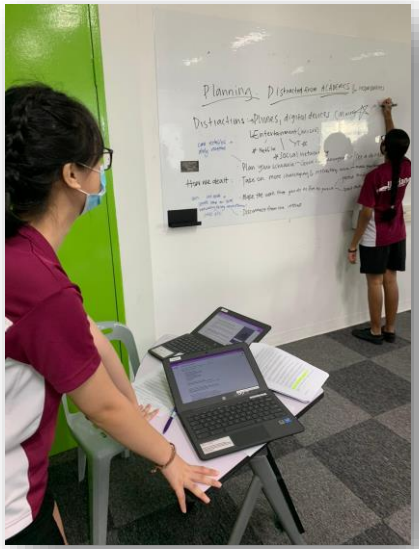
Our 1:1 Programmes
Unity Secondary School

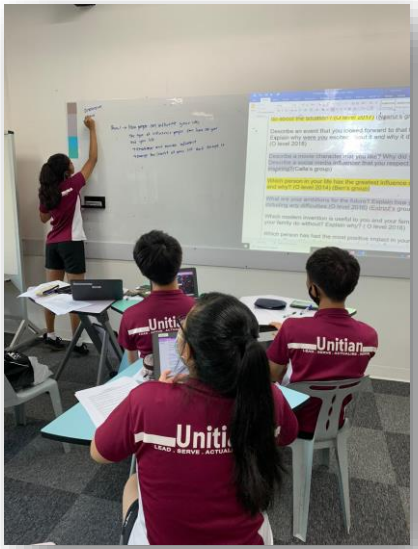
How will your child use the Personal Learning Devices?

At Unity Secondary, your child will ...

1. experience active learning with technology.



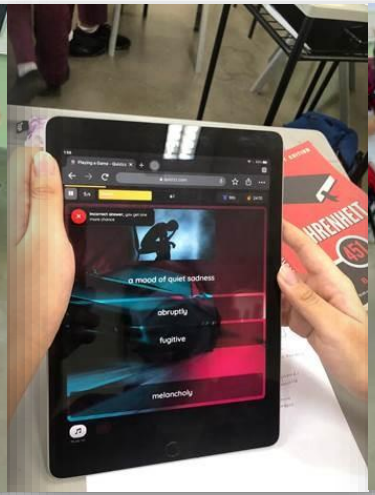




Active learning with technology …

Students will ‘Do’

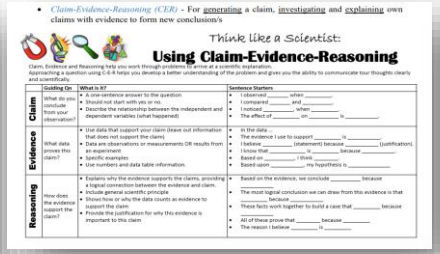
e.g. talk, write, draw to make thinking visible

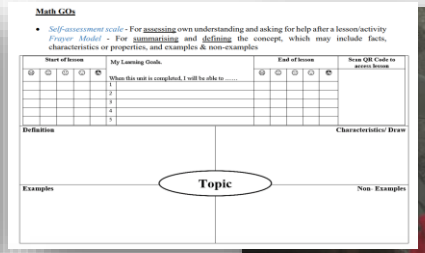


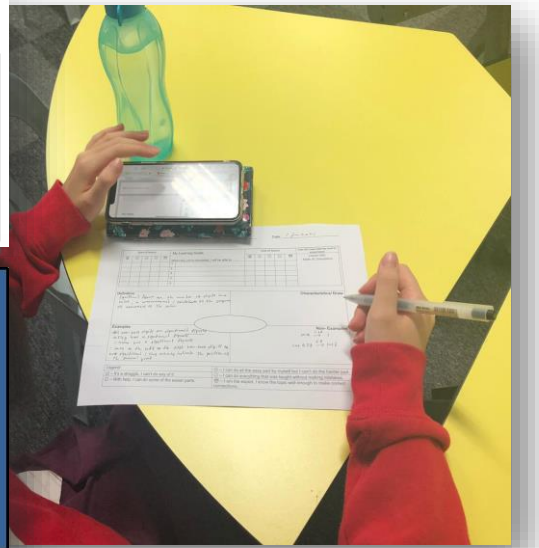
Active learning with technology …

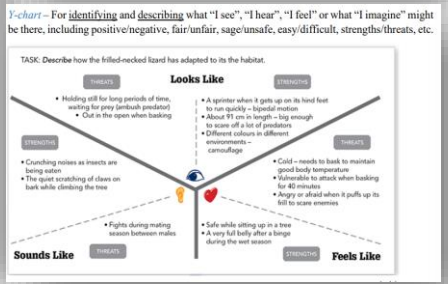
Students will ‘Think’

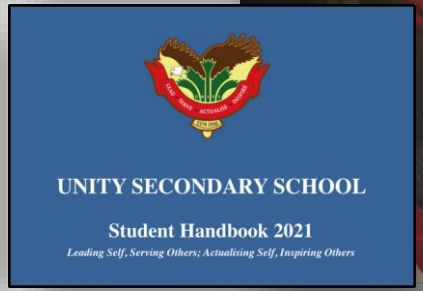
e.g. use thinking strategies to monitor and evaluate own learning







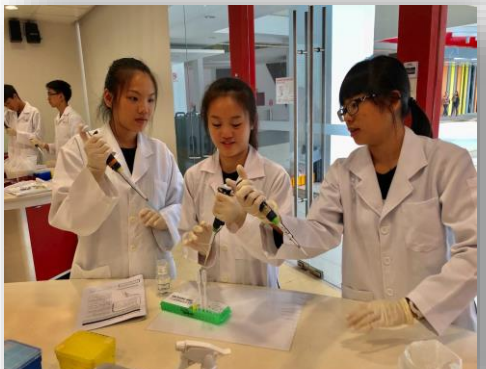




Active learning with technology …

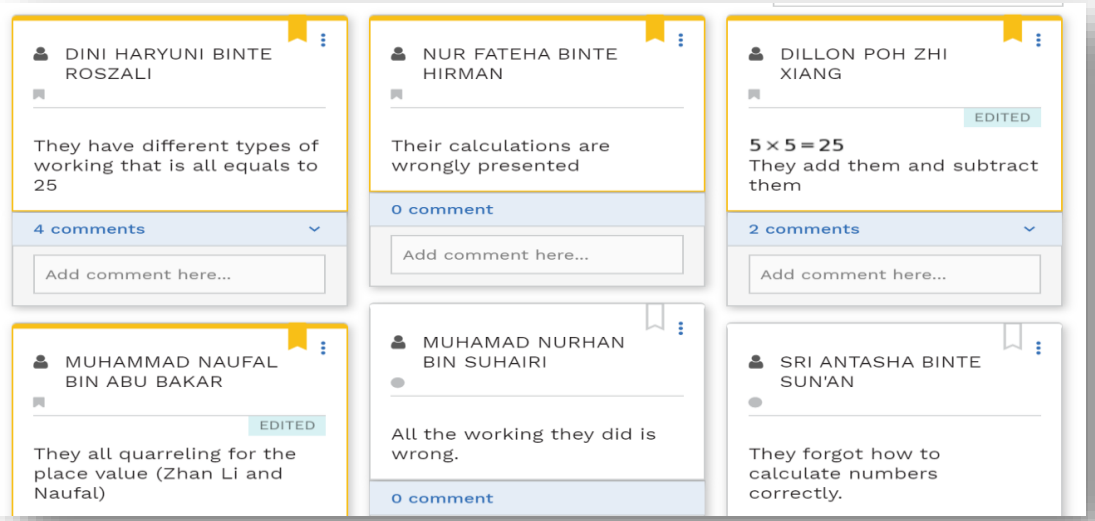
Students will ‘Apply’

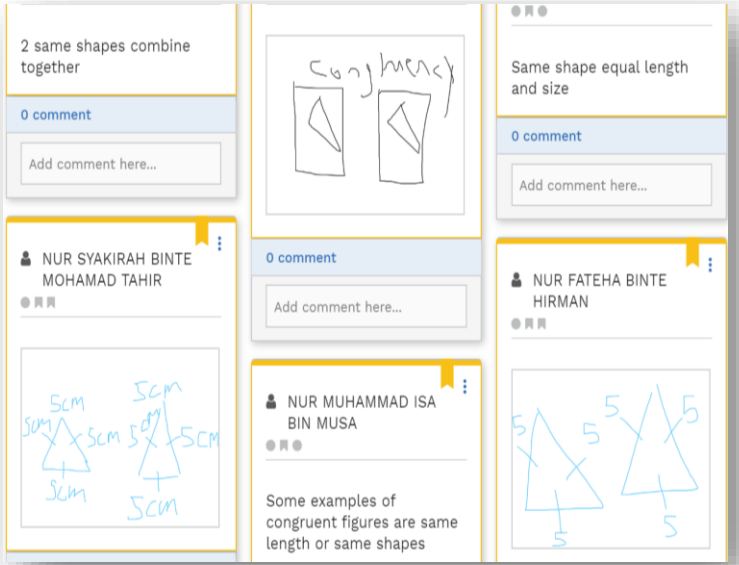
e.g. use learning in real life context and learn beyond



Active learning with technology can be defined as…

Students will ‘Refine’
e.g. reflect to deepen understanding and continue learning

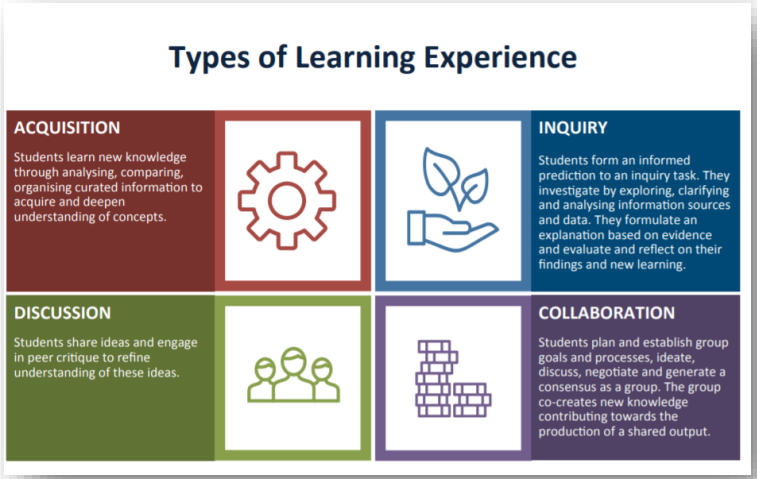




How will your child use the Personal Learning Devices?

At Unity Secondary, your child will ...

2. have access to quality resources and learning anytime, anywhere, at own pace.



Activity List

- Introduction
- Part A: Recap of Issue 2 - Diversity
- What is Healthcare? (For all)
- Part B: Instructions
- USA Healthcare System - Group (1)
- SINGAPORE Healthcare System - ...
- SWEDEN Healthcare System - Gr...
- Consolidating your Understanding...
- Completion

Don't get Hooked! Say 'NO' to excessive ... Seek HELP!

In this FT Period lesson, you will learn the negative impact of spending excessive time on online activities.

You will learn to:
1) identify your own strengths, weakness, interests and values, and understand how these influence your actions and behaviours [self-awareness];
2) understand the risks of cyber addiction and learn how to protect yourself as well as to avoid the dangers you might encounter online. [self-management and responsible decision making].

START

Activate Learning

2. WATCH - What were the roles of immigrants in the past?

Promote Thinking and Discussion

3. [SOURCE 1] INFER the contributions of the immigrant communities

Promote Thinking and Discussion

4. [SOURCE 2] INFER the contributions of the immigrant communities

Promote Thinking and Discussion

5. [SOURCE 3] INFER the contributions of the immigrant communities

Q1:

What type of contribution did the immigrant provide for the Malay community?

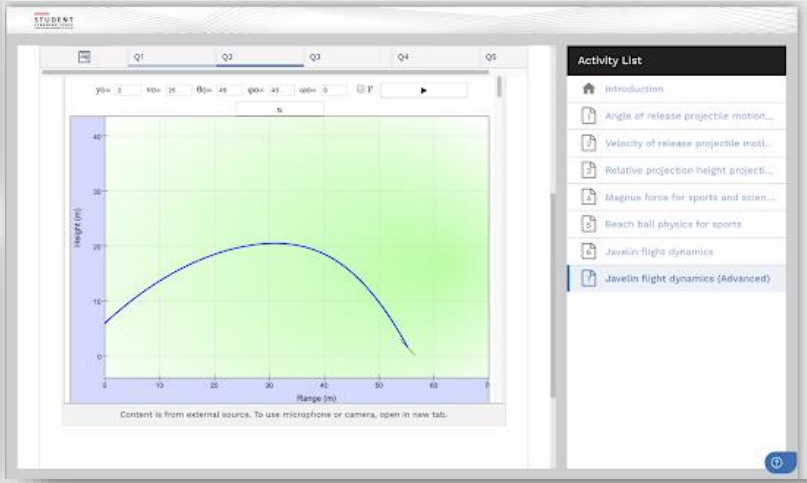
- Social
- Economic
- Political

[1]

SAVE AS DRAFT SUBMIT

What can you INFER about the contributions of the immigrant (Eunos) to Singapore's development?

I can infer...	The source states...	This suggests that...



Device and Funding Information

Unity Secondary School's Personal Learning Device

Intel Celeron N200 processor, 8GB RAM, 64GB Storage, 11.6" Touch Screen, 360° flip with dual cameras, Stylus Pen

The school will be using the **Acer Chromebook Spin R756TN** for teaching and learning.

Total Cost with GST: $606.00

Inclusive of 3 Year Carry In Warranty + Sealed Battery Warranty + Comprehensive Accidental Damage Protection (Insurance) and add-on Cable Lock & USB Type C Earpiece

Unity Secondary School's Personal Learning Device

Acer Chromebook Spin R756TN

The school chose the device because of:

- **Durability** : Rugged and able to withstand knocks, drops and spills for daily use.
- **Teaching & Learning Affordances** : Touch screen with stylus allows students to take notes and drawings in SLS and other applications.
- **Fast boot-up** : Chrome OS takes less than 10 seconds to boot up.

Personal Learning Device Bundle

Device Bundle

What it includes
• Acer Chromebook Spin R756TN • Cable Lock • *USB Type C Earpiece* • Insurance and Warranty • 3-year warranty and 3-year insurance • 2 repairs or 1 replacement claim

Insurance Coverage

The package includes **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)

Technical Support for Student's Devices

Technical support will be provided to students through:

- Service-desk set up in school during breaks and after school on a weekly basis
    - ✓ Trouble-shooting of device issues
    - ✓ Solve connectivity issues
    - ✓ Collection of devices to be sent for repairs

- Acer Service Centre @ International Service Centre(Jurong)

Repair of devices (hardware issues)

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, **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 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 $3,000 or Per Capita Income (PCI)# is below $750.

- 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 Gross Household Income (GHI) is below $4400 or Per Capita Income (PCI)# is below $1100.

- For more details, please approach the school.

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

Supporting Students in the Safe and Effective Use of the Devices

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. Acceptable Use Policy (AUP)

Cyber Wellness Education

A. 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.

Topics covered in the Cyber Wellness lessons include:

- 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 Education

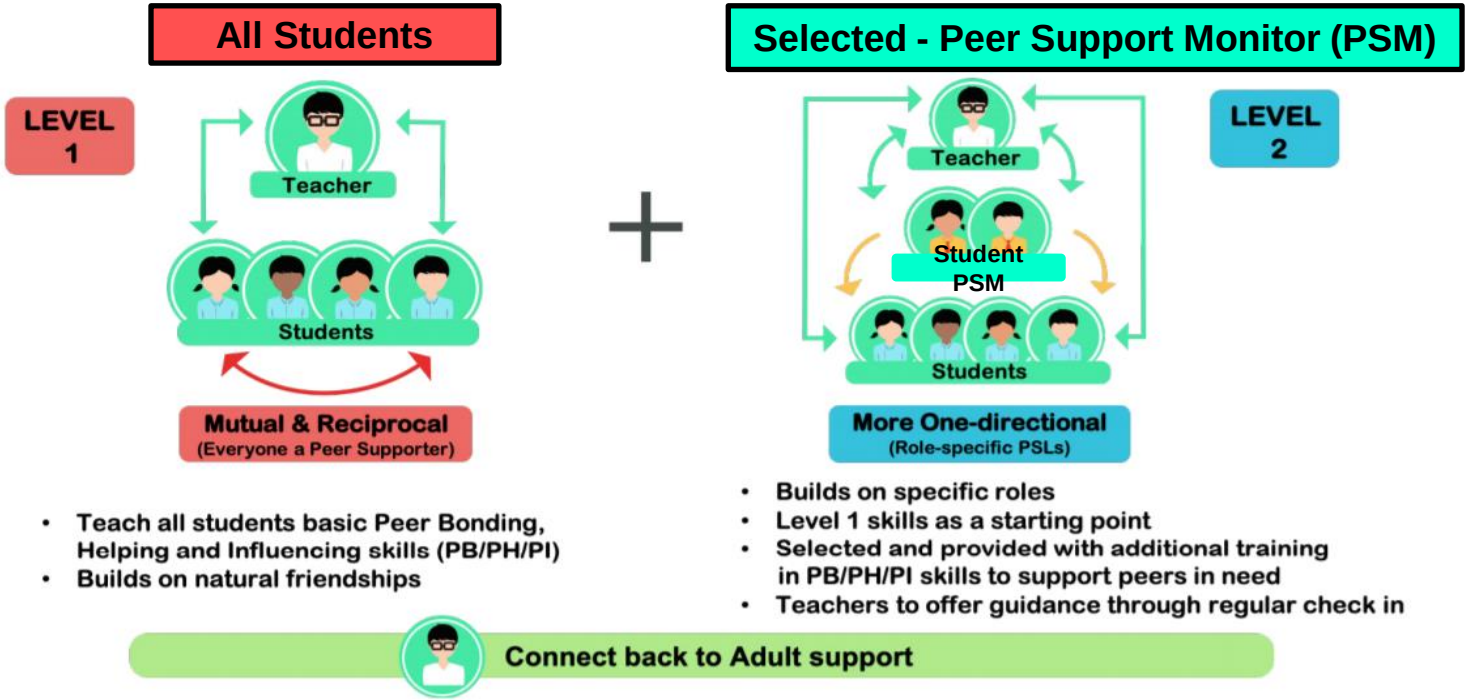
The school also has strategies to enable school-wide implementation of CCE. These include:

Contemporary Issues Lessons and Values-in-Action (VIA):

- Students learn about Cyber Wellness issues such as Cyber addiction, safe internet use, etc. through engaging discussions that allow them to explore multiple perspective of these issues.
- The lessons also allow student to reflect on how they can play their part in contributing towards a **safer and positive** online community.
- Students contribute to a positive online community through Cyber Wellness advocacy that they carry out for their VIA (service learning)

Cyber Wellness Education

In addition, the school also focuses on
Promoting a Peer Support Culture in Unity



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.

Cyber Wellness Education

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

- go.gov.sg/moe-cyber-wellness
- https://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.

Device Management Application (DMA)

- 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 **6am to 11pm** 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
In-school DMA settings will continue after school hours	**Parents/Guardians can modify the DMA settings after school hours**	**Parents/Guardians can choose to disable DMA after school hours**
For parents/guardians who want their child's/ward's use of the devices 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 want more leeway over the use of the device, and prefer to take charge of the level of restrictions for their child's/ward's use of the device after school hours.	For parents/guardians who do not want their child's/ward's use of the device to be regulated by DMA after school.

- 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.
- Parents/guardians can request to change their choice of DMA settings at any time.

During school hours **Monday – Friday** **6 a.m. to 6 p.m.**	**During School Hours (DMA by School)** • Web content filtering (MOE baseline policy) • Web content filtering (School baseline policy based on inputs from teachers, parents and students e.g. specific gaming and social media sites)		
After-school hours **Monday – Friday** **6 p.m. – 11 p.m.** **Weekends & Public Holidays**	**After School Hours (DMA Options for Parents)**		
	Default (School)	**Option A (Parent)**	**Option B (Parent)**
	• **Web content filtering (MOE baseline policy)** • **Web content filtering (School baseline policy)** • **DMA Parent Portal** - **Date and time last reported online** - **Browsing history** - **Web filtering report** - **Sleep hours restriction**	• Web content filtering (MOE baseline policy) • Web content filtering (School baseline policy) • Install applications • DMA Parent Portal - Date and time last reported online - Browsing history - Web filtering report - *Ability to modify settings:* *i. Additional web content filtering* *ii. Change sleep hours timing* *iii. Disable the device*	• No web content filtering • Install applications • No access to DMA Parents Portal *Note: There is no logging of child's activities online and no sleep hours restriction, hence no browsing history available*
Follow-up Action/s by Parents	**NO action** is needed. *Note: To activate parent's account and reset password for the DMA Parents portal upon receiving an email from Mobile Guardian.*	**Email Admin for Option A** at *admin_unity_ss@moe.edu.sg* *Note: To activate parent's account and reset password for the DMA Parents portal upon receiving an email from Mobile Guardian.*	**Email Admin for Option B** at *admin_unity_ss@moe.edu.sg* *Note: Admin will contact the parent for verification upon receiving parent's email.*

Data Collected by the 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

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.

Data Security

- DMA solutions have sufficient security robustness to ensure data collected are properly stored and protected. MOE will also subject the DMA Vendors to regular audit on the security of the system 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.

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)
- Parent Kit on Raising a Digitally Smart Child (https://go.gov.sg/moe-raising-a-digitally-smart-child)
- Parenting with MOE: Instagram Live session on Raising Digitally Smart Kids (https://go.gov.sg/iglive-raising-digitally-smart-kids)
- 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/education-in-sg/our-programmes/cyber-wellness)
- Media Literacy Council's Resources for Parents (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)

Supporting Students in the Responsible Use of the Devices

C. Acceptable Use Policy (AUP)

Parents could refer to the AUP when helping to manage his/her child's use of the PLD. The AUP will help your child to **understand the expectations of device use** to **enable a conducive learning environment**.

It also **outlines** the **consequences** for violating the policy.

Parents Engagement Plan

Equipping Parents with Knowledge & Skills – Home Support Structure

Enabling Conditions for Implementation

Learning Structures

- Student Centered, Self-paced, Blended Learning
- Assessment Approach
- Monitoring Learning Process
- Adjustment in timetable

Learning Device

- Device Selection
- Funding Support
- Procurement matters (T&C, AUP, DUP)
- IT Support

Learning Platforms

- Student Learning Space (SLS)
- Zoom
- Parent Gateway (Admin Communications)

Learning Environment

- Future Classroom
- Physical Flexible Learning Space

Home Environment

- Study Corner
- Wi-Fi Connection
- Setting Home Routines & Expectations

Parent Support

- PSG Sharing of Good Practices
- Parents to surface concerns to sharpen processes
- Parent Toolkit
- Parenting talk/ workshops
- Timely & Practical Strategies/ Tips

What’s Next

What's Next (Reminder to check PG)

Time Frame	Activity
26 Dec 2023 – 8 Jan 2024 (latest by next Mon)	**Parental Consent for Purchase and Edusave Withdrawal (For Singapore Citizens)** singpass https://go.gov.sg/pdlpadmin **Payment via Giro/Cheque (For Permanent Residents (PR) / International Students (IS))**
26 Jan 2024 (Friday)	**Collection of Devices in School**

- Parent Gateway would be used to convey information and to facilitate the purchase.
- Edusave Balance 6260 0777
- Financial assistance available 67671070

THANK YOU