# The Personal Learning Device (PLD) Initiative

Briefing for Parents

A PRESENTATION BY
MINISTRY OF EDUCATION, SINGAPORE

# The National Digital Literacy Programme (NDLP) and the PDLP

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 PDLP

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

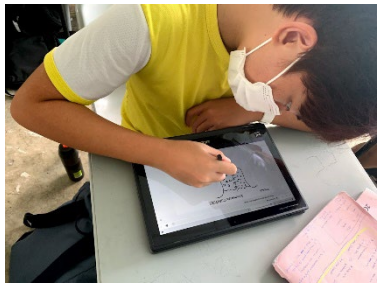
**Support the Development of Digital Literacy**

**Support Self-Directed and Collaborative Learning**

**Enhance Teaching and Learning**

# How will your child/ward use the PLD?

## At St Patrick's School, your child will be using the PLDs for...

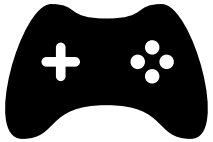


- active learning
- authentic learning tasks that require research, digital creation, and collaborative learning
- accessing online learning platforms and materials
- self-directed work
- alternative assessments

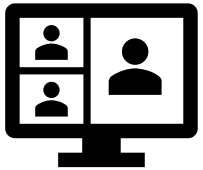
# Supporting Students in the Safe and Effective Use of the Devices

# Cyber Wellness Concerns Identified by Local Studies/Surveys

Harmful Online Content



Gaming and associated risks



Cyberbullying

Excessive social media use

# Supporting Students in the Safe and Effective Use of the Devices

To enable a safer digital environment for learning with the use of PLDs, schools have implemented the following measures:

- School rules on digital device use
- Classroom management and routines
- Cyber Wellness Education in CCE
- Partnering parents/guardians to support students in their use of technology for learning
- MOE Device Management Application (DMA) to support a safer digital environment for learning

# School Rules on Digital Device Use

## Mobile Phone Policy 2025

- Patricians are allowed to bring their mobile phones to school. They are expected to keep their mobile phones in their own lockers before the start of the morning assembly and can only use it after they leave school.
- Patricians are not allowed to use their mobile phones during lessons, snack break, recess, in-between periods, free periods, productivity period and CCA.
- Patricians know and accept the disciplinary consequences for possession of their mobile phones during curriculum time. Their mobile phones to be confiscated by the Student Management Team for up to 5 working days.

# Our reasons for doing this …

Improve peer relationships (peer bonding, peer helping, peer influence)

Increase focus in class & better time management

Increased productivity

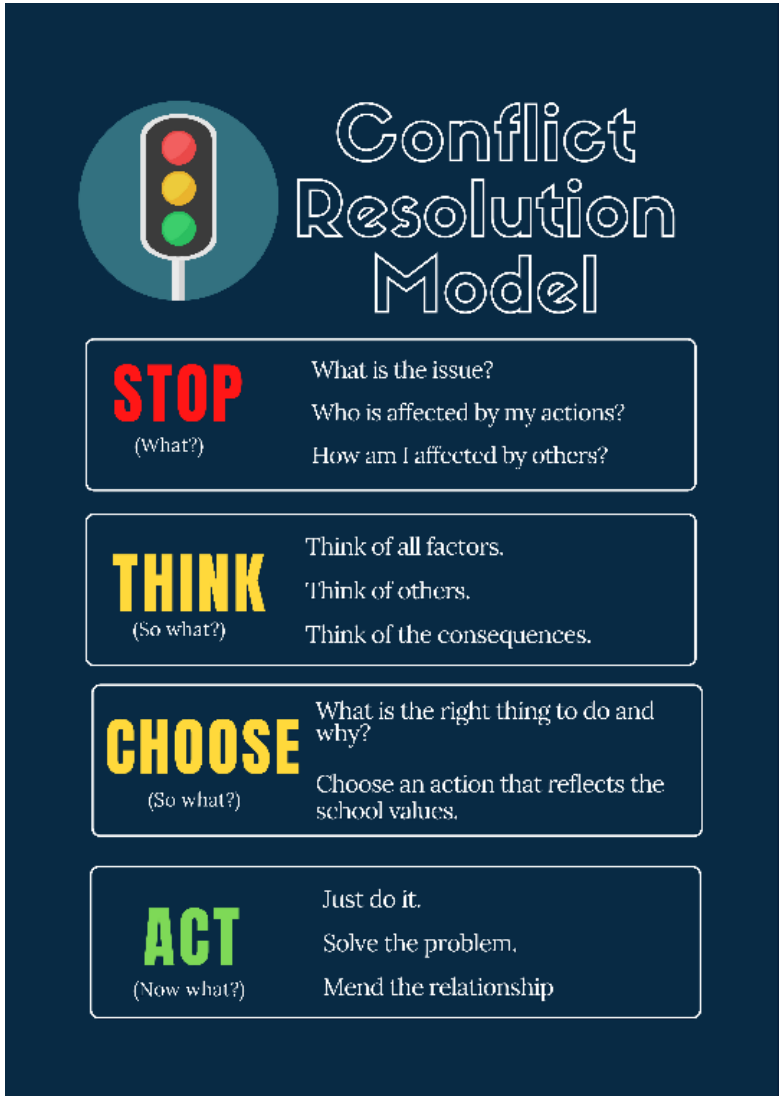
Explore passion pursuits

Cultivate an active lifestyle

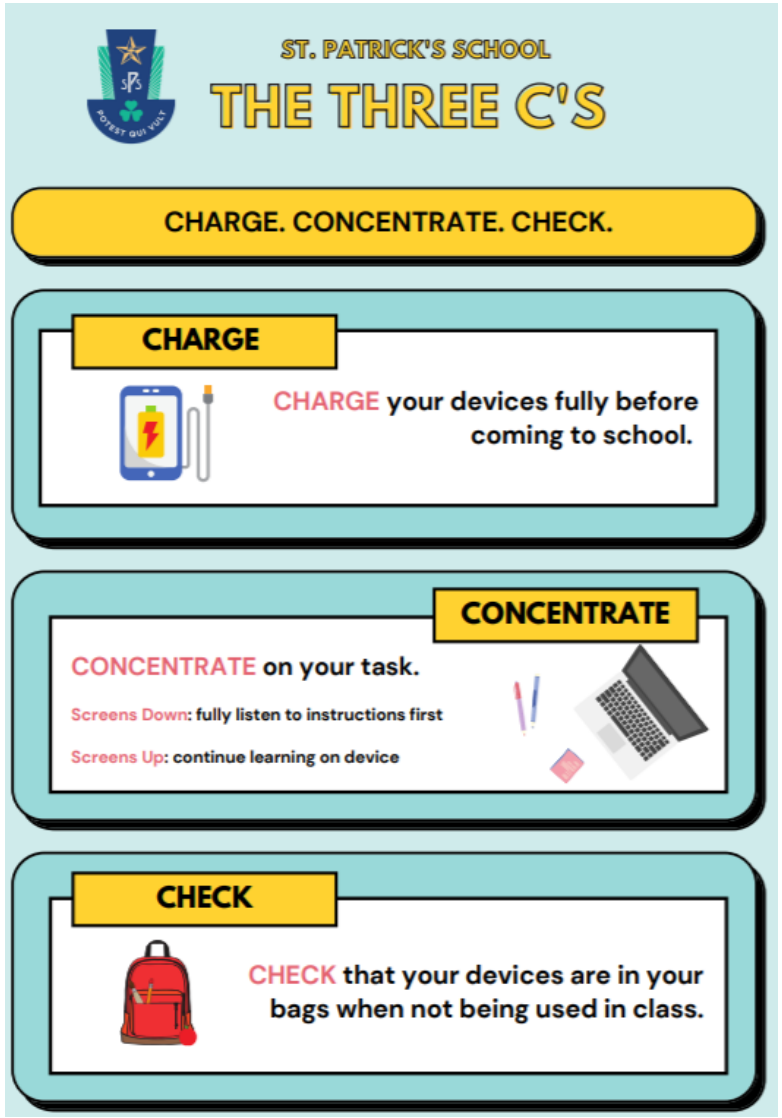
# Classroom Management and Routines

**Self-management**

Promote self management skills through cyber wellness thinking routines (**STOP, THINK, CHOOSE, ACT**)



# Classroom Management and Routines



# 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

# Cyber Wellness Education in CCE

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

# Parents'/Guardians' Role

- Parents/guardians play a crucial role in guiding your child/ward to use devices responsibly and safely. We would like to partner parents/guardians so 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.
  - Discuss and come up with ground rules for internet/device usage that both your child/ward and you can agree with.
  - Encourage your child/ward to use productivity tools on his/her PLD, to organise information and simplify tasks for efficiency.

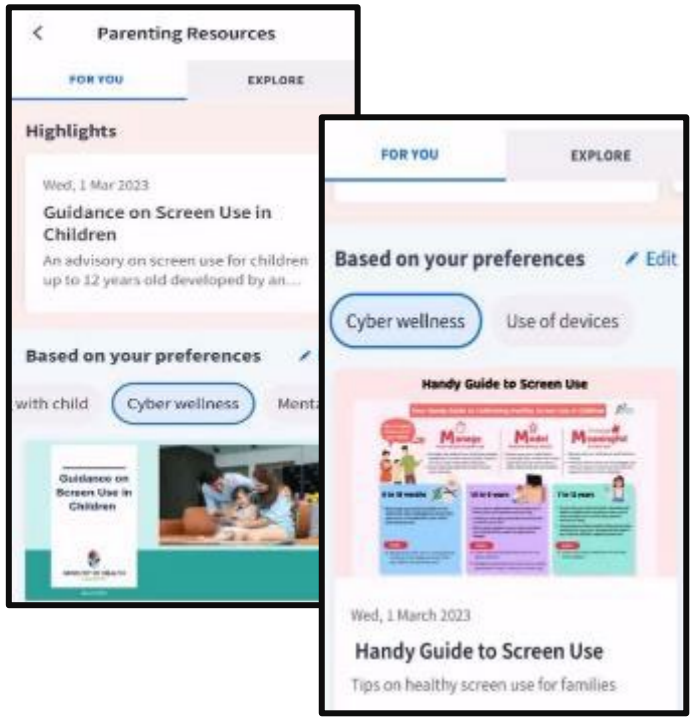
# Supporting Resources

Here are some resources that you can refer to:

## A. Parent Kit

## B. Bite-sized tips and advice via Parentingwith.MOEsg Instagram page

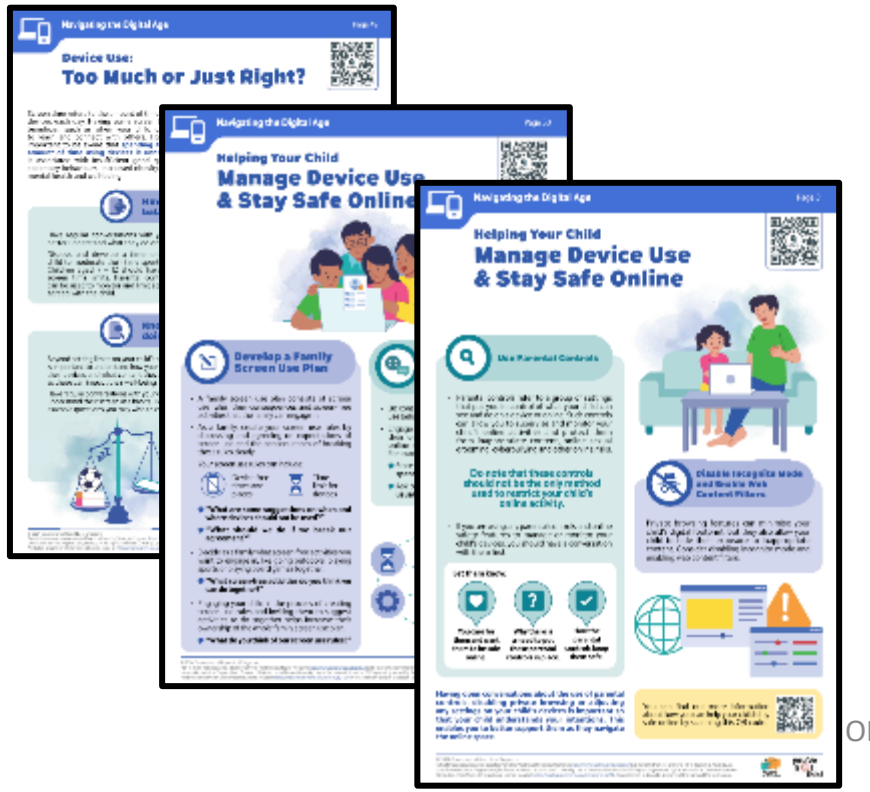
## C. Resources from MOE and other agencies *(available on resources repository in Parents Gateway)*



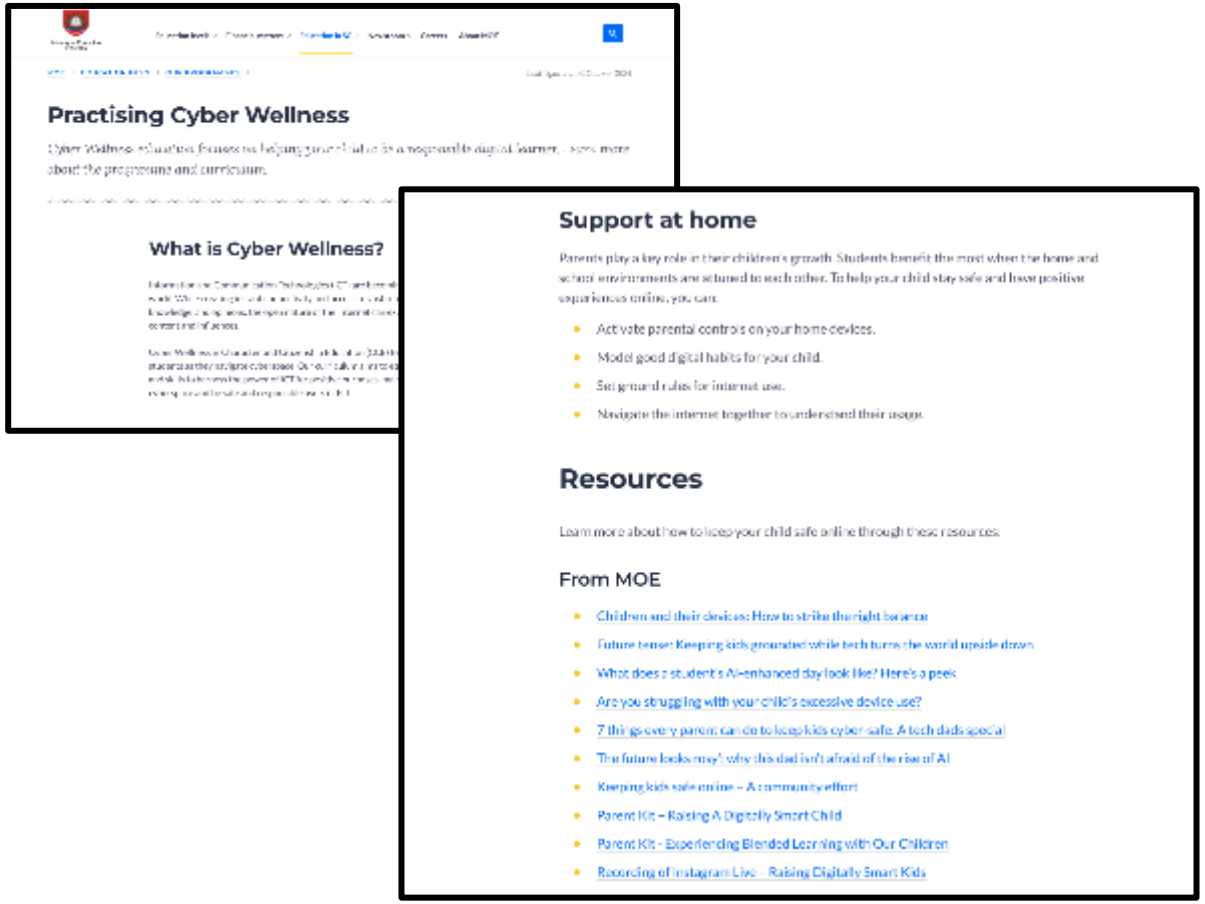
# Supporting Resources

## D. Parenting for Wellness Toolbox for Parents and Parenting for Wellness Website on Parent Hub

The Parenting for Wellness initiative provides bite-sized resources (practical tips and strategies) on building strong parent-child relationships, supporting your child's mental well-being and parenting in the digital age.




## E. More resources are available via the MOE Cyber Wellness Webpage

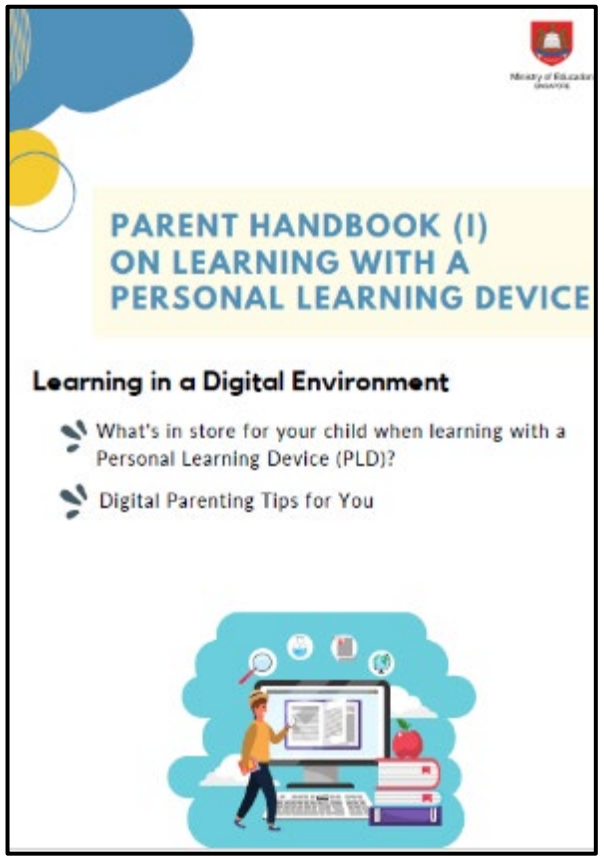


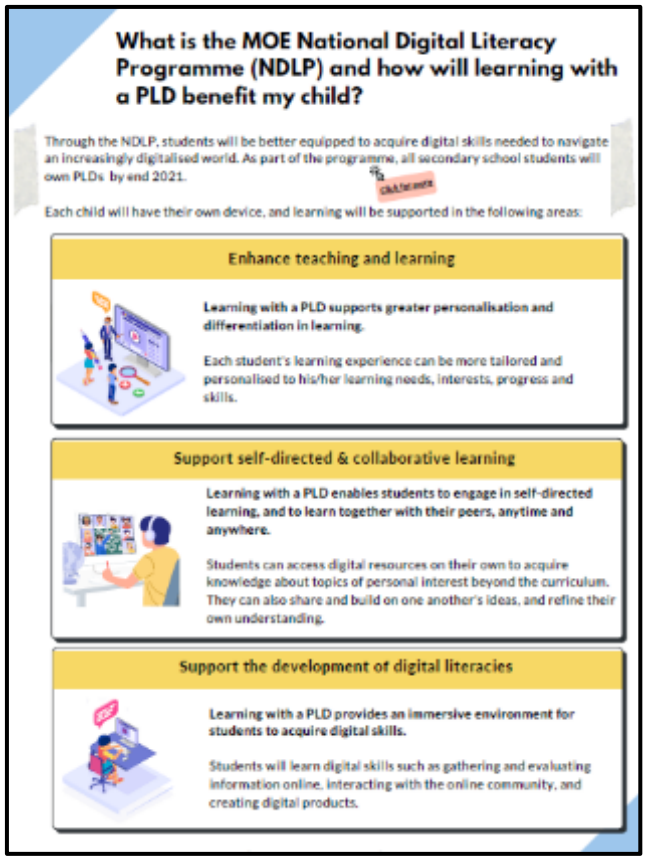

OFFICIAL(OPEN)\NON-SENSITIVE

# Supporting Resources

## F. Parent Handbooks (I) and (II) on Learning with a Personal Learning Device

These Handbooks provide tips on supporting your child in the use of PLDs for learning and are shared via the PG notification together with the letter to purchase PLDs.



# Role of the MOE Device Management Application (DMA) in Providing a Safer Digital Environment for Learning

# MOE DMA

- The MOE DMA solution for Chromebook, Lightspeed Systems®, is an app that will be installed on all students' PLDs to support their safe and responsible use of devices.
- The DMA will be funded by MOE.
- The installation of the MOE DMA applies to both devices purchased through the school and any student-owned devices that parents/guardians opt for the student to use instead of the school-prescribed PLD.
- The MOE DMA will be installed after the collection of the device. Students will be guided on the installation.
- The MOE DMA will be uninstalled from the device when students graduate or leave the school.

I ST PAT'S
Eyes up front!
acer

# 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 objectionable content or content that may not be conducive to teaching and learning (e.g. social media, pornography, gambling, or websites containing extremist content).
- School hours is defined to be from 6.30 a.m. to 6 p.m. and after school hours would be from 6 p.m. – 6.30 a.m. The device will shut down at 10.30 p.m. by default.
- The school will determine the applications and programs to be installed to support teaching and learning.

  (note: YouTube is not blocked by default as teachers use YouTube for teaching and learning. However, YouTube videos that are categorised as harmful by YouTube Restricted and Lightspeed Smart Play are blocked.)

# DMA After-School Parent Options

| | DEFAULT | OPTION A<br>Modify DMA settings | OPTION B<br>Disable DMA settings |
|---|---|---|---|
| **FILTERING OF WEB CONTENT** | MOE / School sets the level of filtering | Parent can apply additional filters | No content filtering |
| **CONTROL OF APPLICATIONS** | Parent cannot install additional applications | Parent can install additional applications | Parent can install additional applications |
| **LIMITS TO SCREEN TIME** | School sets limits for screen time | Parent can modify limits for screen time | No limits to screen time |
| **MONITORING OF CYBER ACTIVITIES** | Parent cannot monitor child's browser history | Parent can monitor child's browser history | No data is collected<br>Parent cannot monitor child's use of the device through the DMA |

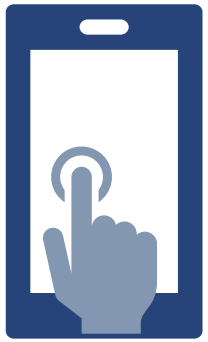
Opting for the Default DMA setting for after-school use is the best option for parents who prefer not to or do not feel ready to manage their child's device use on their own.

A separate PG to choose an option will be sent after the collection of device.

School hours: 6.30 a.m . to 6 p.m.
Sleep Hours: 10.30 p.m. to 6.30 a.m.

# Support for Parents/Guardians

Parents/guardians may wish to consider the following questions to decide the After-School DMA Parent Option that best suits your child/ward.



**A. 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?

**B. 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

1. 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

2. Parents may request corrections to their personal data (e.g. email addresses, names) by contacting the school, in accordance with the Personal Data and Protection Act (PDPA).

# Data Security

- All user data collected through the MOE DMA will be stored in secure servers managed by appointed DMA Vendors with stringent access controls and audit trials implemented.
- Data such as device information, email address of students and parents, device information will be deleted when the student graduates or leaves school. Website URLs accessed by students will be deleted at the end of each term.
- The MOE 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 reviews and assessments by independent reviewers.

# Data Security

- The MOE DMA solutions have sufficient security robustness to ensure that the data collected is properly stored and protected. MOE will also subject the DMA Vendors to regular security system audits 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.

# Device and Funding Information

# St Patrick's School's Personal Learning Device

**Acer Chromebook Spin R857TN (Enhanced)**

The school chooses a Chromebook because of:

- Portability
- Durability
- Teaching & Learning (T&L) Affordances (touch screen with stylus, two cameras, microphone, compatibility with our T&L platforms/apps)
- Student familiarity in using Chromebooks
- Good battery run time
- Price

# St Patrick's School's Personal Learning Device

## Device Bundle includes

- Associated accessories- USB Mouse, Power adaptor, Carrying case, Stylus
- 4-year warranty and insurance
- 2 repairs or 1 replacement claim

**ACER R857TN (enhanced)**
**Total Cost with GST: $632.20**

Intel N250 processor,
8GB RAM, 64GB Storage,

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| **1.** | Webcam | **6.** | USB 3.2 Gen 1 Type-A port | **11.** | Service keyboard | **15.** | USB 3.2 Gen 1 Type-A port / SIM card slot for LTE SKU |
| **2.** | Webcam shutter | **7.** | USB Type-C ™ port | **12.** | 5M Webcam | | |
| **3.** | Microphones | **8.** | Volume key | **13.** | Kensington lock slot (Nano type) | **16.** | Headset/speaker jack |
| **4.** | 12.2" display | **9.** | Power button | **14.** | USB Type-C ™ port as main charging port | **17.** | Battery indicator |
| **5.** | HDMI® 1.4 port with HDCP support | **10.** | Touchpad | | | **18.** | Stylus (optional) |
| | | | | | | **19.** | Speaker |

# Insurance Coverage

The package includes a 4-year warranty, and insurance which includes:

| Insurance Coverage | Claimable |
|---|---|
| • Fire<br>• Lightning<br>• Power Surges<br>• Accidental e.g water spillage, drop etc<br>• Theft due to forcible entry<br>• Robbery<br><br>* Accidental loss will not be covered by insurance. | 2 repairs or 1 replacement (3-year insurance) |

# Technical Support for Students' Devices

Technical support will be provided to students through:

- Our ICT manager / Desktop Engineers (during recess and after school, at level 2 staff room)
  - Troubleshooting of device issues
  - Solve connectivity issues
  - Collection of devices to be sent for repairs
- Acer's service centres (fortnightly)
  - 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/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 from 2020 to 2023 to all eligible Singaporean students in primary and secondary schools. In 2025, MOE has provided a $500 Edusave top-up for students aged 13-16 years old.

- These top ups are 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) ≤ $4,000, or

Per Capita Income (PCI) ≤ $1,000

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 Support for Singapore Citizen (SC) Students

- For SC students whose family's monthly income is:

$4,000 < Gross Household Income (GHI) ≤ $5,500, or

$1,000 < Per Capita Income (PCI) ≤ $1,375

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.

# What’s Next?

# We need 3 things to proceed:

1. Express your intent to purchase the device
2. Allow the use of Edusave for payment of device
3. Allow your child to collect the device in school

# For Singapore Citizens (SC) Students

| Time Frame | Activity |
|---|---|
| By 16 Jan 2026 | Submit consent to PLD purchase via the PG notification which includes the following:<br>• Intent to purchase Personal Learning Device (PLD);<br>• Authorisation Form for the Collection of PLD<br>• PDLP standing order to use Edusave (for Singapore Citizens students only) -- https://go.gov.sg/edusaveformsgso<br><br>Parents without access to PG can submit their consent via hardcopy*. |
| 9 Mar 2026 (T1W10) - *TBC* | Collection of devices by students |

** Get from ICT head or general office*

# For Permanent Residents / International Students

| Time Frame | Activity |
|---|---|
| By 16 Jan 2026 | Submit hardcopy* consent to PLD purchase which includes the following to the general office:<br>• Intent to Purchase Personal Learning Device (PLD);<br>• Authorisation Form for the Collection of PLD |
| By 16 Feb 2026 | Parent/Guardian to make payment via Giro/PayNow |
| 9 Mar 2026 (T1W10) - *TBC* | Collection of devices by students |

** Get from ICT head or general office*

## Collection of Devices

**Your child will be collecting his device from 9 March onwards (TBC) -- during one of the HBL days**

- **By default, the collection of device will be in school.**
- **During the collection process, a member of the school staff will be present to assist him in ensuring that the device is in good working condition.**

# Collection of Devices (con't)

- Should you be concerned that your child will not be able to properly verify the condition of the computing device, please arrange to either collect the computing device personally at

  ***Acer Computer (Singapore) Pte Ltd***
  29, International Business Park #01-07,
  Acer Building, Tower A, Service Centre (Side Entrance)
  Singapore 609923

- **After collection, the device is to be handed over to the school, for installation of the DMA, the following day.**

- Please email (syed_salleh@moe.edu.sg) for further advice or clarification if you would like to make this arrangement.

# Important Contacts / Helplines

| To access/find out more about... | Contact/Helpline |
|---|---|
| This deck of slides | https://stpatricks.moe.edu.sg/about/pdlp |
| Edusave Balance | 6260 0777 |
| Financial assistance and enquiries | Joyce (Admin Manager)<br>6344 0929 ext. 105 or leow_li-sze@moe.edu.sg |
| Curriculum and technical matters | Syed Salleh (HoD ICT)<br>syed_salleh@moe.edu.sg |
| Any other matters | stpatricksch@moe.edu.sg |