



Yio Chu Kang Secondary School



**National Digital Literacy Programme (NDLP)
Briefing for Parents/Guardians of Sec 1 Students
14 Jan 2023**

I believe I can inspire and influence my students, have a positive impact on their growth during the formative years.

**Mr Pang Tiangui
Desmond
HOD/ICT**



I believe in sparking curiosity in students' hearts and minds. Curiosity that inspires a deeper love for people and knowledge.

**Mr Chin Pin Chuen
Brandon
SH/Digital Learning**



YCKSS Digital Education Programme

Choice of iPad as the Personal Learning Device

Device & Funding Information

Blended Learning - HBL Days

Responsible Use of Devices

Administrative Information

Frequently Asked Questions



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.



National Digital Literacy Programme (NDLP)

Under the Secondary and JC Levels

Enhancing computational thinking skills

- Mathematics curriculum to help develop and deepen computational thinking skills at secondary levels

Personal Learning Device (PLD)

- To enhance teaching and learning through e-pedagogy and personalised students' learning, every secondary school student will be equipped with a personal learning device by 2021.

Personalised Digital Learning Programme (PDLP)

More schools offering Computing

- To create a stronger computing talent pipeline and provide more opportunities for interested students, more schools will offer O-Level and A-Level Computing.



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



What Do Parents Think About Personal Learning Devices (PLDs)

<https://youtu.be/6oIAtbruVf4>





*Learning with a
Personal Learning Device:*
YCKSS Digital Education Programme



YCKSS Digital Education Programme

Vision

*Self-Directed &
Innovative Digital Learners,
Responsible Digital Citizens*

Mission

*To grow the digital capacity
of staff and students and
support them to embrace
technology in seizing richer
opportunities for learning,
living, working and playing.*

YCKSS Digital Education Framework



5Cs DIGITAL LITERACIES

- **Curation:** access, collate and analyse digital information
- **Communication and collaboration:** communicate, learn and collaborate through a digital media
- **Creation:** innovate and create products/content using digital tools
- **Computational thinking:** investigate and solve problems systematically



Students' Digital Literacy Training



Effective Searching & Information Curation Skills



Technical Skills in Apple Apps & Google Suite



Calendar Management & Scheduling Skills



Care of Device & Digital Wellness



Professional Development for Teachers



Showbie



Accessibility
Tools



Basic iPad
Features for T&L



Keynote



Clips



Visual
Note-taking



Creating
GIFs



Learning
Routines



Apple
Classroom



Selection of Personal Learning Device



The school did a comprehensive evaluation of the devices offered and chose the iPad because of its:

- **Portability**
- **Durability**
- **Teaching & Learning Affordance**





Discovering the basic features ...



Analysing the slow motion of a Frisbee throw ...



Crafting a poem review by capturing perspectives ...



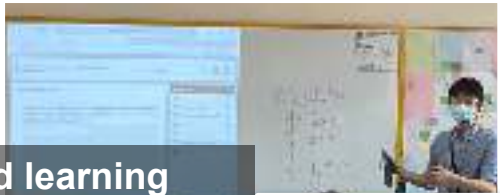
Note-sketching using the Apple Pencil ...



Collaboration in action!



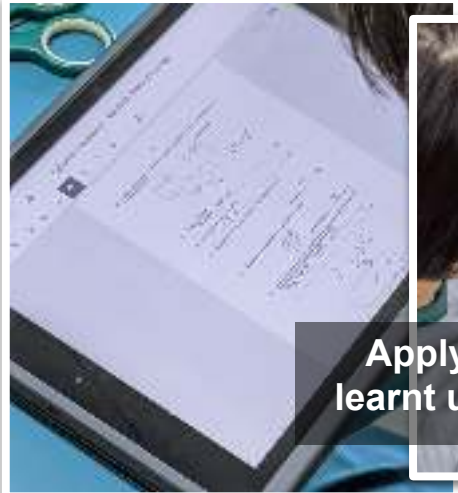
Self-directed learning through SLS & Classkick...



Peer feedback through an e-Gallery walk using G-Suite...



Constructing knowledge with student autonomy (Clips / Sketches Pro / Notes)...



Applying knowledge learnt using Classkick...

Device and Funding Information



Selected Device



The school will be using the

Apple iPad (9th Generation) - WiFi

New 2021 Version

- Processor: A13 Bionic Chip with Neural Engine
- Display: 10.2" Retina Display, 2160 x 1620 Resolution
- Storage: **64GB**

Total cost with GST:

\$857.50

The device bundle includes:

- Apple iPad (64GB WiFi)
- Apple Pencil (1st Generation)
- Ruggedised cover cum keyboard
- 3-Year Insurance and Warranty

Warranty & Insurance Coverage

The bundle includes **3-year AppleCare+ Warranty and 3-year Insurance**, which includes:

Insurance Coverage	Claimable
<ul style="list-style-type: none">• Fire• Lightning• Power Surges• Accidental Damage e.g water spillage, drop, etc.• Theft due to forcible entry• Robbery <p>* Accidental loss will not be covered by insurance.</p>	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 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 2020, 2021 and 2022** to all Singaporean primary & secondary school students to support the purchase of the device.
- This was on top of the annual Edusave contribution of S\$290 for secondary school students and S\$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 students on **non-MOE FAS and SC** who need support, particularly those whose **Gross Household Income (GHI) is below \$4,400** or **Per Capita Income (PCI)# is below \$1,100**.
- Application form can be collected from the General Office.

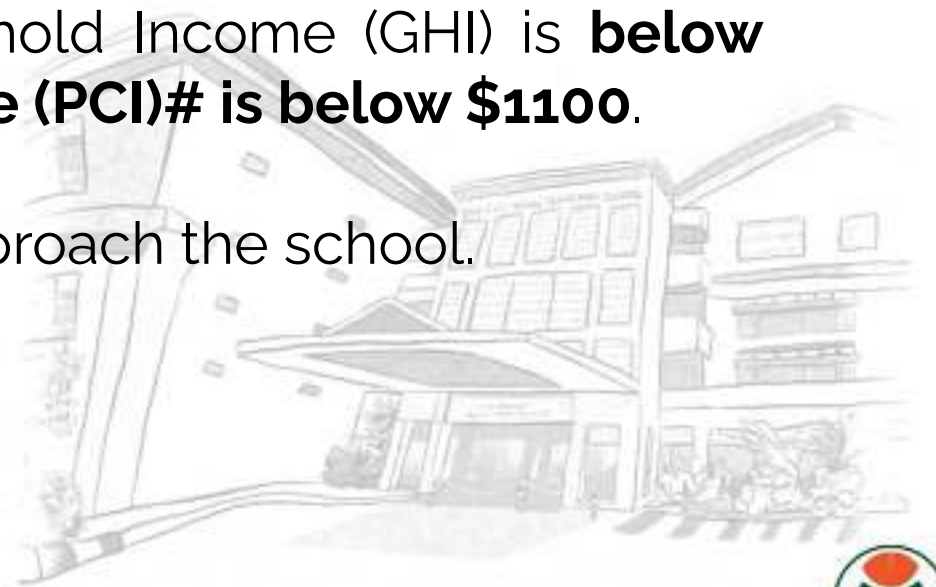
#PCI is GHI divided by the number of household members.

Official (Closed) / Non-Sensitive



Funding Support for non-Singapore Citizen (SC) 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.

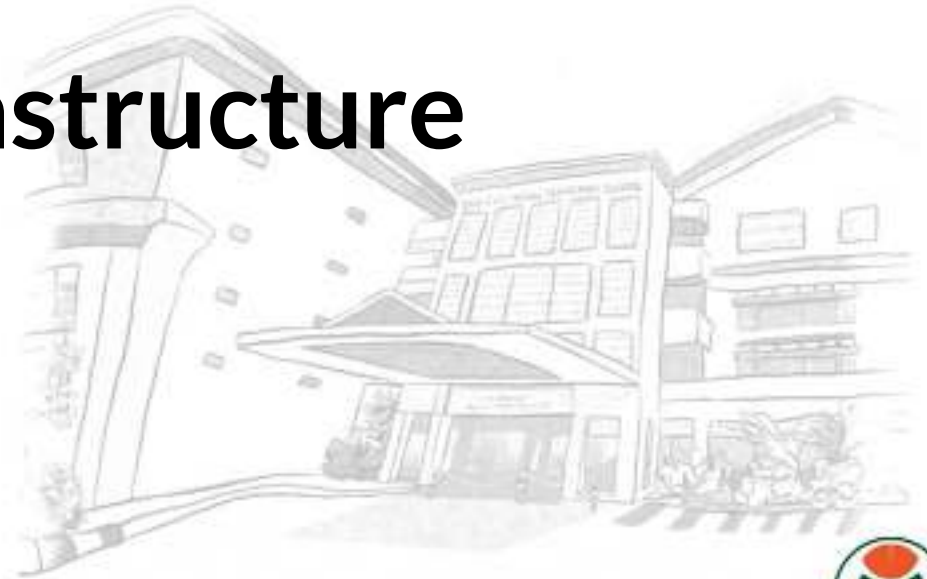


#PCI is GHI divided by the number of household members.

Official (Closed) / Non-Sensitive



ICT Infrastructure



Technology Support Centre & Media Studio



Technology Support Centre & Media Studio



Ensuring a Conducive & Safe Learning Environment

Individual Lockers for Students



**Effective safekeeping of
PLDs & mobile phones**

Apple TV in all classrooms



**Seamless wireless
projection from iPads**



Blended Learning - HBL Days



Objectives

Nurture *self-directed* and *independent* learning in our students,
in line with MOE's *Learn for Life* movement.



What are some *good experiences* you have about HBL Day?



**Increased sense
of ownership &
responsibility**



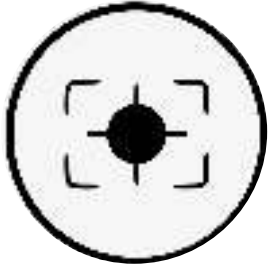
**Improved
student
well-being**



**More opportunities
to learn from varied
sources**



What are some *concerns* you have about HBL Day?



**Challenging
to Sustain
Focus**



**Discomfort in
Learning New
Concepts**



**Concerns about
completion of
assignments**



What will HBL Days be like?

- HBL Days will be held on **Even Week Fridays**.
- **All levels** will participate in HBL Day in Semester 1.
- **Asynchronous lessons (online / offline learning at students' own pace)** will be conducted by default to give students time and space to develop self-management skills for independent learning.
- **No live lessons** will be conducted for HBL Days, except for Form Teacher Time (FTT).
- Students are **familiarised with SLS and have tested their log-in details** (e.g. username, password) prior to the first HBL Day.
- ***Sec 1 classes will mainly be issued hardcopy HBL assignments for January** to gradually ease students into the HBL Day habits and routines.



Dates of HBL Days in Semester 1 (2023)

Term / Week	Term 1	Term 2
Week 2	13 Jan	31 Mar
Week 4	27 Jan	14 Apr
Week 6	10 Feb	28 April
Week 8	24 Feb	12 May
Week 10	10 Mar	<u>No</u> HBL Day on 26 May <i>(Parent-Teacher Conference)</i>

Note: HBL Days will be held on **Even Fridays**



HBL Days Timetable

- Sample of timetable for HBL Day in the Assignment Plan:

	8:00 8:30	8:30 9:00	9:00 9:30	9:30 10:00	10:00 10:30	10:30 11:00	11:00 11:30	11:30 12:00	12:00 12:30
	0	1	2	3	4	5	6	7	8
Even Fri (HBL)	HBL DAY FTT	SS	10-min BREAK	EL	10-min BREAK	AMATH POA GEO (PURE)	10-min BREAK	PE	10-min BREAK

FTT (Live Lesson via Zoom):

- FTs will be checking-in on students' attendance & well-being.

4 subjects per day

- 50-min per subject (incl. completion of assignments)
- 10-min break in between lessons



HBL Assignment Plan

- Instructions for students will be collated using the HBL Assignment Plan.
- HBL **Assignment Plan (AP)** will be disseminated on **Even Thursdays, 3pm** via:
 - WhatsApp Group Chat (announcement on AP) by FTs
 - SLS announcement
- Read the instructions carefully (e.g. title / date of SLS lesson packages, digital platforms and tools used, preparation required).
- Technical support contact details are available on the landing page of the Assignment Plan.

Assignment Plan for Home-Based Learning			
Sec 3E3			
(Term 1 Week 2)			
Even Fri	14 Jan		Subject Teacher (Email Address)
Timing	Subject	Instructions	
7:30-8:00	FTT	(Live Lesson) Stay Connected with your Form Class through Zoom Meeting ID: 820 000 5626 Password: 3E3FTT Please log in using Class Identifier as username (e.g. IE112John Tan)	FTs
8:00-9:00	GEO / HIS	GEO: 1. Complete assignment in Google Classroom (14 Jan -HBL) Introduction to Plate Tectonics HIST: Complete the SLS lesson (14 Jan -HBL) 3E History - Hitler's Anti-Semitic Policies	GEO: 3E3geo1@smc.sch.edu.sg HIST: ngwan@smc.dorcas@smc.ed.sg
9:00-10:10	Book		
9:10-10:10	FI	Complete the SLS lesson - (14 Jan HBL) 3E3 EL - Oral Practice 1 Record your responses and submit	FI chng.chun.lan.zether@smc.edu.sg
10:10-10:20	Book		

Enter the FTT live lesson 5 min before & do not forward this link to others not from the

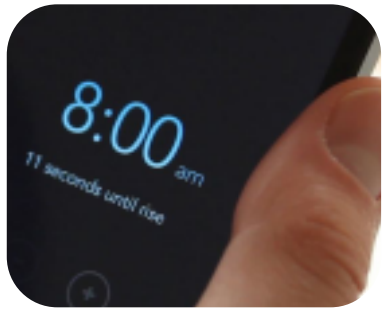
Complete the SLS / HBL activities for each lesson.



Routines

Start of the HBL day (FTT)

HBL Lessons



Refer to the
**HBL class
timetable**

**Check-in with your
Form Teachers**
for your attendance and
well-being.

Refer to the
**HBL Assignment
Plan**
for HBL instructions

**Attempt all HBL
assignments**
based on the
recommended timings.

Take 10-min breaks after every
an-hour of screen time



HBL Tips for Students



Create a **learning space** at home where you can
focus & exercise self-control
(e.g. away from the television, bed & apps that will distract).



Take ownership of your own schedule & learning
based on the HBL Assignment Plan
(e.g. accounts & passwords; keep movies & overseas trips for the weekends!)






Attempt to learn by yourselves first.
Seek help from classmates & teachers (during lessons) if needed.






YCKSS I.G.N.I.T.E! Programme (Student-Initiated Learning)

- Objective: Enable students to exercise agency and explore their interests and passions through HBL Days.
- Students in Sec 2 will be embarking on the Student-Initiated Learning (SIL) initiative to further inculcate self-directed learning.

 *What should I do for SIL?* 

 I want to learn _____,
by _____.

Here are some examples:

 <p>I want to learn how to cook traditional cuisine <u>from my culture</u>, by <u>reading cookbooks</u> and <u>trying the dishes at home</u>.</p>	 <p>I want to learn the Korean language, by <u>taking online language lessons</u>.</p>	 <p>I want to learn gardening skills, by <u>reading gardening magazines</u> and <u>growing a few plants of my own</u>.</p>
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I.G.N.I.T.E! Programme

Sample of Students' Work

Session 1 (Learning to Bake)



Forgot to take picture
before putting in the dryer!



Second batch!

Session 2 (Cookies with Less Sugar)



tried the less sweet version
and it tastes great!

Session 3 (Oreo Cookies)



Decided to try oreo cookie
today!

Session 4 (Baking Bread)



Went to my room's art
house and made bread!

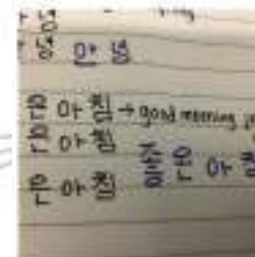
Session 1 (Learning Korean: Google Translate)



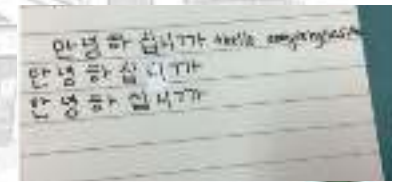
Session 2 (Korean Vocab via Youtube)



Session 3 (Korean Vocab via Youtube)



Session 4 (Korean Vocab via Youtube)



I.G.N.I.T.E! Programme

Sample of Students' Work

My Learning Plan

Why did I choose this project?

As I like playing the guitar and did not have time to play since WA revision, CCAs and other out of school activities had taken up most of my time. So learning new songs on the guitar would help me ignite back my liking towards the guitar, learn more vast genres of music as well as expand my knowledge towards the guitar

My Learning, My Pride

Students' Chords

Learning via Youtube

Session 1

Music scores of
chosen song

left photo: Chords that I found helpful written down

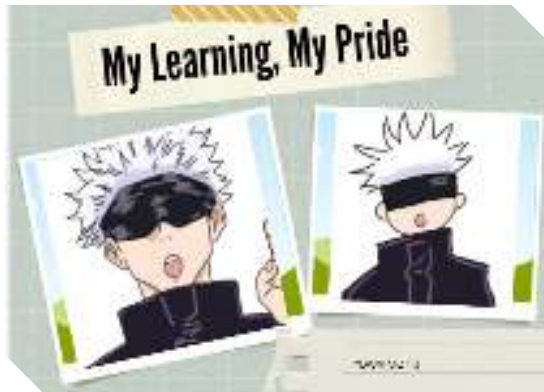
Centre photo: Choice of piece and how it is supposed to be played

Right Photo: Score of the piece chosen and downloaded to refer to

Learn how to play different songs on a guitar



I.G.N.I.T.E! Programme - Sample of Students' Work



My most difficult moment was when drawing my own character because i have to come up with design ideas and stuff



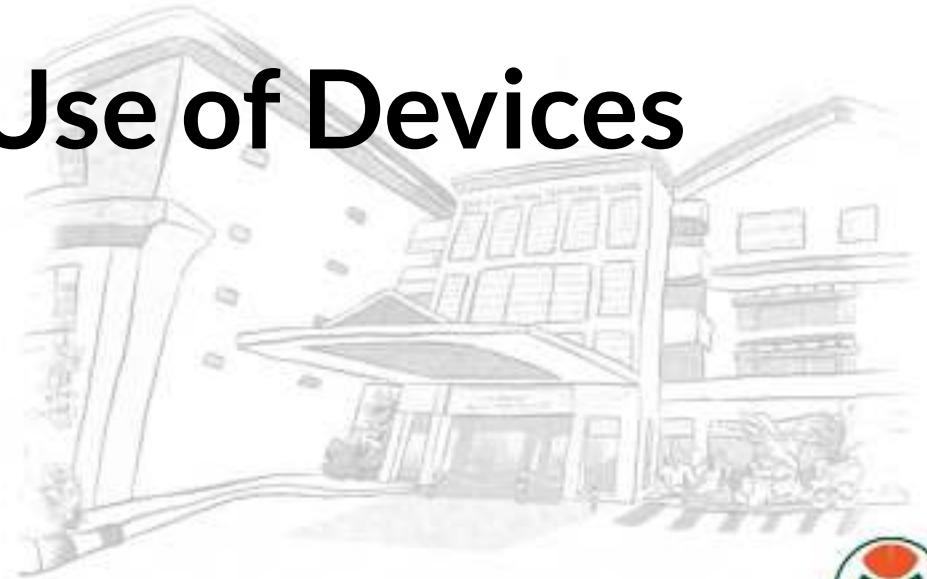
Any other thoughts for this project?

This project is quite fun to do and i recommend drawing while listening to music <3 mafumafu the best and i wanna try drawing yaoi next time <333

Digital Art Anime



Responsible Use of Devices



What Do Parents Think About Personal Learning Devices (PLDs)

<https://youtu.be/qCzeedZXeaM>



so these are the signs that he's distracted with some other things.



Supporting Students in the Responsible Use of the Devices

The school has in place 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. YCKSS Digital Wellness Policy (DWP), Acceptable Use Policy (AUP) & Learning Routines



Cyber Wellness Education - Curriculum

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 CCE lessons.

Topics covered in the Cyber Wellness lessons include:

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



Cyber Wellness Education - Peer Support

The school also has strategies to enable school-wide implementation of CCE including:

Promoting a Peer Support Culture



Annual Cyber Wellness Week



Empowering students as Cyber Wellness Ambassadors



Intervention structures and programmes



Cyber Wellness Education - Partnering Parents







As parents, you can also play a part.

- **Model good digital habits** for your child.
- Have **conversations** with your child about safe and responsible use of technology (*e.g. not revealing too much personal information online including places they frequent*)
- Set **ground rules** for internet / device use (*e.g. family contract - no devices during meals, a common charging point at night*)
- **Navigate the internet together** to understand their usage (*e.g. researching on their hobbies / interests together*)
- **Affirm** your child for practising healthy digital habits (*e.g. exercising self-control*)



Online Resources for Parents

<p>Telegram Channel by TOUCH</p> 	<p>Provides updates on family- and digital wellness- related news and articles, as well as information on future workshops and relevant activities. Join at: https://t.me/TCSPSP</p>
<p>Infocomm Media Development Agency</p> 	<p>Contains tips and information on staying well and safe online. https://www.imda.gov.sg/digitalforlife/Digitalwellness</p>
<p>Cyberlite Books</p> 	<p>Learn how digital citizenship, cyber safety, and digital wellness to can help to establish healthy relationships with technology. https://www.cyberlitebooks.com/digital-wellbeing</p>
<p>Media Literacy Council</p> 	<p>Contains guidebooks, tip sheets and videos on digital parenting. https://www.betterinternet.sg/Resources https://www.youtube.com/user/MLCSingapore/videos</p>



Partnering Parents

Join Us for our Parenting Workshop

Digital Education & Cyber Wellness

19 May 2023 (Fri)
4.00 pm - 5.30 pm

The screenshot shows a Zoom meeting interface. The main content is a presentation slide with the following text:

- TOUCH** (with a heart icon) and **homefront** (with a house icon)
- ENGAGE THE HEART** (with a heart icon): Connect, not Control. Do I feel more **ENGAGED** or more **ENRAGED** after a talk with my parents?
- ENRICH THE MIND** (with a brain icon): Instill, not Insist. Does my mind feel more **ENRICHED** or **ENTANGLED** by my parents' sharing?
- ENABLE THE PERSON** (with a person icon): Be a Mentor, not a Tormentor. Coach, not Encroach. Do I feel **ENABLED** or **ENSLAVED** by my parents?

Below the slide is a video thumbnail with the text: **I CAN'T LIVE WITHOUT IT!** UNDERSTANDING & ENGAGING OUR DIGITAL NATIVES. The thumbnail shows a hand holding a smartphone.

The Zoom interface includes a grid of participant video feeds on the right and a toolbar at the bottom.

Official (Open) / Non-Sensitive



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.



YCKSS DMA Schedule

Time	DMA Setting
<u>School Hours</u> Monday to Friday, 6.00am to 6.00pm	All PLDs will be set to school's default settings <ul style="list-style-type: none">• Standardised home screen• Only school-specified apps are accessible
<u>After-School Hours</u> Monday to Friday, 6.00pm to 10.00pm Saturday & Sunday, 6.00am to 10.00pm	Default Option: Continue with school's default settings Option A: Parents can adjust parameters in the Parent Portal. They can also make the App Store available to their child. Option B: No DMA control. Students can download and use any apps, and visit any websites.
<u>Sleep Hours</u> Monday to Sunday, 10.00pm to 6.00am	Default Option: PLDs will be locked and cannot be used. Option A: Parents can adjust the sleep hours (earlier or later). Option B: No sleep hours. PLD can be used 24/7.



Supporting Students in the Responsible Use of the Devices

C. Digital Wellness Policy (DWP)

- Parents could refer to the DWP when helping to manage your child's use of digital devices and platforms.
- The policy will help your child to **understand digital wellness matters** and to **enable a conducive learning environment**.
- The DWP can be found in the Digital Student Handbook on the School Website.

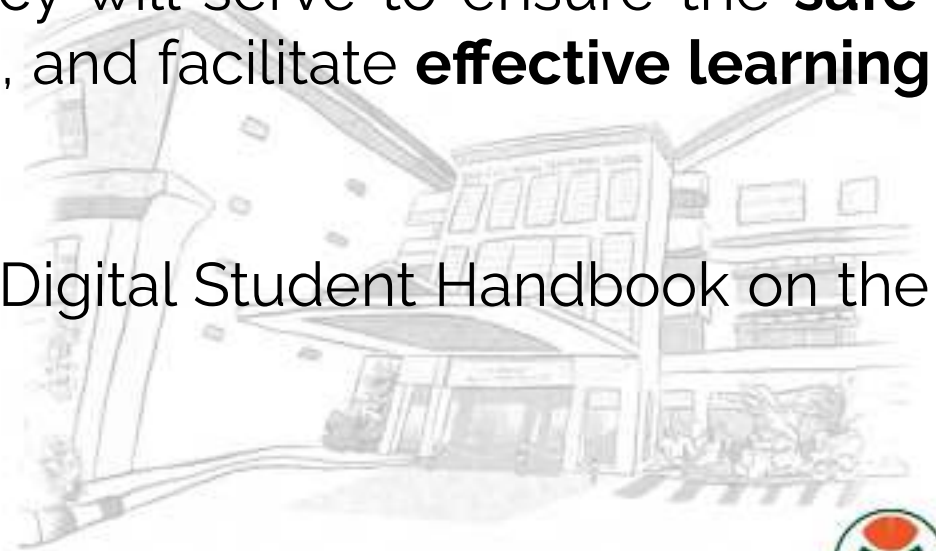


Supporting Students in the Responsible Use of the Devices

C. Acceptable Use Policy (AUP)

The AUP sets out the rules and regulations that govern the use of PLD by students. This policy will serve to ensure the **safe and secure use** of the device, and facilitate **effective learning with technology**.

The AUP can be found in the Digital Student Handbook on the School Website.



Supporting Students in the Responsible Use of the Devices

C. Learning Routines

- Students are to adhere to the **3Ps Learning Routines**.
- The posters are printed in A3 and placed on the noticeboard in all classrooms.



What's Next



What's Next

Time Frame	Activity
By 21 Jan 2023 (Sat)	<u>Via Parents Gateway</u> (https://go.gov.sg/pdlpadmin) <ul style="list-style-type: none">● Parental Consent for Purchase and Edusave Withdrawal● Authorisation Form for Device Collection <u>Submission of hardcopy form to General Office</u> <ul style="list-style-type: none">● Subsidy Application Form (if applicable)
Feb 2023	<ul style="list-style-type: none">● Balance payment via Giro/PayNow/Cheque/Cash (Based on the current school bill payment mode)
Mar 2023 (Tentative)	Collection of Devices by Students in School



Collection of Devices in School

Your child/ward will be collecting his/her device in **Mar 2023 tentatively.**

- The school will arrange for the devices to be collected by students in school.
- Students will be guided through the device check, initial setup and basic operations.
- Please **authorise your child/ward to collect the device** by submitting the online 'Authorisation Form'.





Purchase Matters

Official (Closed) / Non-Sensitive



Frequently Asked Questions

Q: My child has an existing iPad. Can students use it as a PLD?

- Students who do not wish to purchase a device because they already have their own device will have to **check with the school to ascertain that it meets the schools' learning requirements.**
- Students are advised to purchase key accessories to better facilitate learning (i.e. cover cum keyboard, Apple Pencil).
- These existing devices must also be installed with a Device Management Application (DMA) software to manage the student's access and usage.

Frequently Asked Questions

Q: I recently purchased a laptop for my child due to Home-Based Learning in primary school. Can my child use the laptop instead?

- Uniformity of systems and software would ensure a smooth learning experience for everyone in the classroom.
- All students are required to have an iPad or similar device (e.g. iPad Gen 8/9/10, iPad Air & iPad Pro).



Finance Matters

Official (Closed) / Non-Sensitive



Frequently Asked Questions

Q: Since there will be no cash out-of-pocket cost for MOE FAS students, do students still need to submit the applications forms?

- Yes, all parents have to submit the online consent to purchase the device.
- For MOE FAS students, the cost will be subsidised by MOE and the balance can be paid using Edusave. As such, the cash outlay is \$0.



DMA Matters

Official (Closed) / Non-Sensitive



Frequently Asked Questions

Q: What happens to the device after students graduate?

- The school will uninstall the DMA from the devices upon students' graduation, and students will have full control and personal ownership over their devices afterwards.
- If the student's device needs to be installed with DMA in JC/MI, it can be reinstated.

Frequently Asked Questions

Q: Is there a tracking app in the DMA in the event the device is misplaced or stolen?

- To protect the privacy of students, the tracking function on the iPad will be disabled centrally by MOE.
- Through the DMA, schools will only be able to remotely deploy learning applications and security patches, enable teachers to monitor and control the students' screens in the classroom, restrict apps and websites accessible, as well as limit screen time.

Important Contacts/ Helplines

To access/find out more about...	Contact/Helpline
Edusave Balance <ul style="list-style-type: none">● MOE Hotline	6260 0777
Financial & subsidy matters: <ul style="list-style-type: none">● Ms Zama Bte Adim (Admin Executive)	6456 0669 (ext. 103)
Programme matters <ul style="list-style-type: none">● Mr Desmond Pang (HOD ICT)● Mr Brandon Chin (SH Digital Learning)	6456 0669 (ext. 115) 6456 0669 (ext. 136)
This deck of slides	https://yiochukangsec.moe.edu.sg/our-curriculum/non-academic-programmes/digital-education

