



*BYOD @ JWPS*

**Briefing for Parents**  
**17 October 2020**

# AGENDA

- Why **Bring-Your-Own-Device (BYOD)**
- **BYOD @ JWPS - Infrastructure**
- **BYOD Policy Undertaking**
- **Harnessing ICT Tools**
- **Recommended device specifications**
- **FAQ**

# Home-based learning should be 'a regular part of school life', possibly

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SINGAPORE - By 2028, all secondary school students will have their own digital device, such as an iPad, as part of a national digital literacy programme the Ministry of Education is rolling out.

Schools will progressively come on board from June this year, Education Minister Ong Ye Kung said on Wednesday (March 4) during the debate on his ministry's budget.

Four MPs, including Ms Denise Phua (Jalan Besar GRC) and Dr Intan Azura Mokhtar (Ang Mo Kio GRC), had asked about the MOE's plans to equip students with digital literacy skills.

SINGAPORE. Home-based learning should be made a regular part of school life to complement classroom teaching, said Minister for Education Ong Ye Kung on Sunday (Jun 28).

during this period. Private education i  
resume on 5 May 2020. MOE and M  
measures need to be prolonged.

# **WHY BRING YOUR OWN DEVICE (BYOD)?**

**2019: Started with Enthusiasm 1 & Enthusiam 2  
(2 classes, 6 teachers)**

**2020: Resilient 1, Resilient 2, Enthusiasm 1 & Enthusiasm 2  
(4 classes, 12 teachers)  
Cyberwellness (Gaming Addiction, Lack of Parental Control)**

**2021: Expand to Enthusiasm 3 & Enthusiasm 4  
(6 classes, 20 teachers)  
Enhanced Cyberwellness Programme + Mental Well-being of student**

# WHY BRING YOUR OWN DEVICE (BYOD)?

## 1. Workforce-ready students

- ❖ Very likely to be using IT in their future careers
- ❖ Provides opportunity for teaching students to be respectful online
- ❖ Discern the appropriate use of devices which they will be using as adults and future professionals

# WHY BYOD?

## 2) Collaboratively working with peers

- ❖ Easier for students to work collaboratively on project work and engage in a richer and more engaging discussion.

# WHY BYOD?

## 3) Learning beyond the classroom walls

- ❖ Use of engaging learning tools
- ❖ Learning and discussion can take place anywhere

# WHY BYOD?

## 4) Increased Engagement

- ❖ Leveraging on student's knowledge and interest in the use of technology, for engaged learning in the classroom.

## 5) Role of Student-Teacher-Device

- ❖ Students will take on more ownership in their own learning.
- ❖ Students can pose questions and do research without waiting for the teacher.



# BYOD @ JWPS - INFRASTRUCTURE

- ❖ Segregated Wireless Network  
(2 wireless access points installed in classrooms)
- ❖ Inknoe Interactive Smartboard
- ❖ Chromecast enabled
- ❖ Google Classroom environment

# POST PROGRAMME FEEDBACK (STUDENTS)

Questions	Strongly Disagree	Disagree	Agree	Strongly Agree
1. My teachers stimulate my interest with a variety of teaching methods.	0%	5.4%	51.8%	42.8%
2. My teachers are well-prepared and organised for lessons.	0%	2.4%	39.8%	57.8%
3. When online, I can keep track of time spent on my school work.	2.4%	10.8%	48.8%	38%
4. I am able to manage my online and offline work.	0.6%	6.6%	47%	45.8%
5. Being in a BYOD class has taught me self-directed learning.	1.2%	4.2%	38%	56.6%
6. I prefer being in a BYOD class to a traditional class.	5.4%	3.6%	30.7%	60.2%

# WHAT ARE YOUR THOUGHTS ABOUT LEARNING IN A BYOD CLASS.

- ❖ Class is fun, interesting and engaging.
- ❖ Learning in a BYOD class is good but we cannot be too addicted on our computers as it will affect our studies.
- ❖ I love to learn in a BYOD class as it is much useful and we can use it for different purposes. It helps me manage my time and it helps me enhance my knowledge too.

# WHAT ARE YOUR THOUGHTS ABOUT LEARNING IN A BYOD CLASS.

- ❖ I get to learn more things compared to a regular class.
- ❖ Very fun and sometimes if I do not understand what the teacher says, I can just open a new tab and search the meaning instead of disturbing my friends asking them.
- ❖ I feel that it is a good idea as the world is evolving and more people are relying on technology now, so we need to catch up too. It is more beneficial towards my learning and easier this way.

# POST PROGRAMME FEEDBACK (PARENTS)

Questions	Strongly Disagree	Disagree	Agree	Strongly Agree
1. I am able to monitor my child's online learning at home.	10.5%	21.1%	45.6%	22.8%
2. Being in a BYOD class benefits my child's learning in many positive ways.	5.3%	19.3%	43.9%	31.6%
3. I prefer my child to be taught in a traditional class without any online learning.	14%	38.6%	29.8%	17.5%
4. It is important that my child is equipped with the necessary skills to learn online.	1.8%	3.5%	35.1%	59.6%

# BYOD POLICY UNDERTAKING

- ❖ Students will receive a BYOD Programme letter together with their report books.
- ❖ Parents to indicate if they will be providing their child with a device, or loaning a device from school
- ❖ Students and parents to sign the BYOD Programme policy undertaking agreement (will be issued in 2021)

# BYOD POLICY UNDERTAKING

- ❖ Students to be responsible for the safekeeping of device when in school
- ❖ Wireless Internet Connection will be provided
- ❖ Lessons are tailored to harness the use of appropriate ICT tools

# HARNESSING ICT TOOLS

## Initial Phase of Programme:

- ❖ Singapore Student Learning Space
- ❖ Google Classroom Enabled
- ❖ Google Documents for collaborative learning
- ❖ Dropbox (Homework submission)



# RECOMMENDED MINIMUM COMPUTER SPECIFICATIONS:

## **MINIMUM SPECIFICATIONS**

- 10 – 15 inch screen,
- At least 6 hours of battery power,
- Internet enabled (Wifi connectivity)
- Suitable, durable bag/cover for protection.

## **Recommended**

- A keyboard for easier data entry purpose
- Availability of loan device when repairs are needed
- A PDF Reader like Adobe Reader – free to download
- Malware protection, e.g. Malware Bytes
- Fully-charged from home/in school (locked overnight)

# **FREQUENTLY ASKED QUESTIONS**

## **1. What if the student is not under FAS and do not own a laptop?**

The school will loan a laptop to these students for a period of 2 months so they have time to look into purchasing one.

## **2. Are students able to bring the school-owned laptop home?**

Yes they can, subject to conditions agreed between the school and parents in a signed agreement.

# FREQUENTLY ASKED QUESTIONS

## **3. Can students purchase a Chromebook or netbook (a smaller version of a laptop) which is relatively cheaper?**

Yes they can as long as the device meets the minimum device specifications.

## **4. Can students use an iPad/Samsung Tablet instead?**

No, tablets do not come with a keyboard, which is necessary and more comfortable for students when doing data entry. There is also more chances of screen damage to tablet PCs than to laptops, hence it is not recommended for students to use tablets.

# FREQUENTLY ASKED QUESTIONS

**5. My child spends 2-3 hours on his device daily. Does he really have so much online work to complete?**

No, a general rule of thumb for online work will be 1 hour daily. If your child is spending more than an hour daily, please alert your child's form teacher.

**6. My child wants the device to be placed in his bedroom as it is quieter.**

It is recommended that the device be placed in the living room or a place where parents/guardian can monitor child's online activity. This is to prevent your child from getting distracted from work or gets addicted to online gaming.

# FREQUENTLY ASKED QUESTIONS

## **7. Can the school help us purchase the device?**

No, however we have sourced for a MOE-approved vendor to provide you with the option to purchase a device that is able to meet your child's learning and education needs in a BYOD class.

Window period for purchase of device:

**16 November – 27 November 2020**

More details will be shared at a later time

## Edxis Chromebook 11 (S20-CT)



- Intel Quad-Core processor N4120 (4M Cache, up to 2.6 GHz)
- 4GB RAM LPDDR4 / 32GB eMMC
- 11.6" inch HD Touchscreen (**LED backlit**)
- 2 in 1 card reader (SD/MMC), 2 x USB 3.1, 2 x USB Type-C, 1x Audio Combo Jack, Intel® Dual Band Wireless / Bluetooth 802.11AC
- Splash and Water Resistance, Drop Tested (up to 70cm height)
- Clamshell model, 180 degrees rotatable Camera, Built-in easy-to-carry retractable handle

**\$608.83 NETT**

(Inclusive of 3 years warranty & Chrome Shield)

**FREE** Accessories bundle comprising of Chromebook sleeve, Mouse, Earpiece & USB-C to HDMI Adapter!



**Q & A**