



St Mark's

ANGLICAN COMMUNITY SCHOOL

St Marks Drive Hillarys WA 6025

PO Box 231 Hillarys WA 6923

T: (08) 9403 1300

www.stmarks.wa.edu.au

A School of the Anglican Schools Commission Inc.

Technology Update for Year 6 2019

In 2018 the Middle School launched the BYOD (Bring Your Own Device) program for all Year 6 and 7 students as part of a multi-staged plan to align each of the sub-schools. As we continue the path of providing students opportunities to further develop their 21st century skills and be industry ready, we are committed to integrating technology into the learning environment to enhance and transform learning experiences.

What does this mean for you in 2019?



You will be required to purchase a tablet HP Pro x2 device that we have trialed and tested throughout the School.

The versatile HP Pro x2 design strikes the right balance of mobility, durability, and security in a device that is designed to last. Ideal for challenging environments, this versatile detachable PC lets you work the way you want.

- Windows 10 Home 64
- Intel® Core™ i5-7Y54 Processor (1.2 GHz, up to 3.2 GHz, 4 MB cache, 2 cores)
- 12" diagonal FHD BrightView WUXGA+ UWVA eDP ultra-slim LED-backlit touch screen (1920 x 1280), direct bonded, Corning® Gorilla® Glass 4
- 8 GB LPDDR3-1866 SDRAM
- 256 GB M.2 SATA TLC SSD
- Wireless card (802.11ac wireless adapter)
- Please click on [this link](#) to view the device

Please Note: There is a lower specification HP Pro x2 machine available, however our recommendation is the i5 Core device described above. All options are available on the School's HP Portal, described later in this letter. We highly recommended considering the purchase of the additional Accidental Damage Protection (ADP) cover which provides for replacement and or fixing the device.

Some of the features of the HP Pro x2 include:

- **Notebook:** It is a conventional notebook with the added advantage of a detachable keyboard and a stylus that supports the use of digital ink.
 - The device allows for:
 - unique capabilities for note-taking
 - access to notes, files, & internet all on one convenient device
 - supports multiple learning styles
 - facilitates communication, collaboration and engagement
- **Less obtrusive:** Writing notes with the stylus is quieter and less obtrusive than typing. With regular notebooks, students' heads can be hidden from view behind the screens. This does not happen while in tablet mode because the tablet is either flat on the desk or cradled in the students' arms.
- **Digital Ink:** The device allows users to write and draw on the screen. This informal means of text input (vs. keyboarding) is more conducive to certain types of writing, such as note-taking, diagramming, and journaling. There is greater flexibility for students to erase, reorganise and make changes to their notes. Students also tend to improve their handwriting skills through the use of the handwriting conversion capabilities of the tablet pc which ensure they will be capable of sitting 3 hour written exams.
- **Organisation:** The device allows users to access everything in the one place. Microsoft OneNote allows students to streamline the research & writing process and keep their class notes in a more organized and fully searchable format. Screen clipping assist students to reference their work with material which is copied and pasted from the Internet/ another program automatically including the reference. Flags can be used to highlight important things to remember or questions that may require follow up.

- **Collaboration:** The device form factor encourages more collaboration because students can gather around and work together on one tablet and then project their group's work to the classroom projector. With Microsoft OneNote it is easier to collaborate via tablet pcs using a shared session, all students working in a group are able to contribute to the same page via a wireless network.
- **Supporting multiple learning styles:** Being able to draw and write notes better supports and engages a wider range of learning styles, particularly visual and kinesthetic learners. Using multiple pen colors improves emphasis of important points and understanding of categorized concepts, sound recording in OneNote enables recording audio "in-synch" with the note taking. Students can search their notes, even the handwritten portions, and subsequently replay the audio portion of the lecture associated with that item. This capability aids the process of out-of-class study and review which is particularly important in the Senior School.
- **Software applications:** The Microsoft Office suite allows the use of digital ink within all of its applications which allows students to annotate or edit their work and draw diagrams with ease.
- **Electronic resources:** Electronic resources are more interactive and engaging, easier to read, manipulate, and annotate on this device.

Adapted from: [http://technologypd.pbwiki.com/Tablet+PCs+\(Part+II\)](http://technologypd.pbwiki.com/Tablet+PCs+(Part+II))

How do I purchase the device?

If you purchase the HP Pro x2 through our Technology Partnership with HP and MSS you will have access to some additional bonuses including:

- Support: St Marks will log any cases with HP and liaise on your behalf. There is also a call centre to answer questions and help parents, hours are Monday-Friday 9am-8pm.
- Accidental Damage Protection (ADP): This covers the device and provides replacement and/or fix to the device with 3 claims no excess. Terms and Conditions are detailed separately (additional cost).
- 0% finance option over 24 months with 0% deposit.
- You can also install Sophos Home (endpoint protection) which can be done by [clicking here](#). Free Shipping to your home.



To purchase a Year 6 device please click on [this link](#) and follow the easy steps.

Prices available through the HP/St Mark's Portal

Specification	Product Description	Bundle (inc. GST)	5% (extended to 7 December 2018 to secure delivery for Christmas)
M3 Processor	<ul style="list-style-type: none"> • 4GB RAM • 128GB HDD • Tablet case • 3-year warranty 	\$1395.99	\$1,326.19
M3 Processor	<ul style="list-style-type: none"> • 4 GB RAM • 128 GB HDD • Tablet case • 3-year warranty • 3-year Accidental Damage Protection 	\$1505.71	\$1,430.43
i5 Processor	<ul style="list-style-type: none"> • 8 GB RAM • 256 GB HDD • Tablet case • 3-year warranty 	\$1624.98	\$1,543.73
i5 Processor Recommended Specification	<ul style="list-style-type: none"> • 8 GB RAM • 256 GB HDD • Tablet case • 3-year warranty • 3-year Accidental Damage Protection 	\$1734.70	\$1,647.96

Please note: Bundle deals for 2x i5 devices are also available on the portal with 10% off. Subject to change. i7 Processor also available at an additional cost.

Frequently Asked Questions

Why do I need to purchase the device recommended instead of the one we already have?

The device you have (if not the recommended device) will have a different look and feel, which creates difficulty when a teacher is attempting to troubleshoot or support the use of several different types of devices and operating systems. To streamline the technical issues and ensure the use of technology is focussed on enhancing and transforming the learning, we have chosen one device that will suit all the requirements necessary for both the students and the teachers.

Can I buy the same device cheaper elsewhere?

The device may be different when purchased in retail and extras will need to be considered if the machine is damaged or has a warranty issue, as you will need to correspond with the vendor where you purchased the device. The device will also most likely be of a retail grade. The device we have selected is a commercial grade quality to withstand student use and enable more years out of your device. For reference the i5 with ADP retails for \$2054.

Can I get financial assistance for this device?

You can take up the 0% finance offer on the portal and purchase the device this way.

What do we need to set up on the device before the start of the school next year?

The IT Department will assist in configuring the device on Orientation Day. This includes setting up the wireless, email, OneDrive, licensing for Office 365 etc. Unfortunately, we are unable to provide login information for new students earlier than the orientation day.

Family Safety Software

Please do not configure family safety software on the new device as this will prevent the student from accessing the School's network.

I have children in other parts of the School. What is the device plan in other parts of the School for 2019?

- **Junior School Years 3, 4 and 5 2019:** Student in Year 3-5 will have access to the same/similar device of a HP Pro x2 school-owned device which parents will be required to contribute towards a levy.
- **Middle School Year 7 and 8 2019:** Students joined the BYOD program in 2018 and should be able to continue with the same device in 2019 and 2020.
- **Senior School Year 9-12 in 2019:** Year 9-12 students are part of the BYOD (Bring Your Own Device) program. While you will have a choice of device for your child to use for Year 9-12, we have placed minimum specifications required for the device, and we have made some recommendations to assist you in making your device decision, please see these details below.

What are the minimum specifications for Year 9 to Year 12 BYOD devices from 2019 onwards?

As there will be an expectation that students are able to complete a formal report or presentation, there is a required minimum specification of hardware that the student will need to have access to.

- A keyboard to enable typing of essays and reports (attached or detachable).
- 802.11ac wi-fi. This is a common standard for laptops. Many smart phones will not meet this requirement.
- 4GB RAM, Solid state internal hard disk drive (commonly referred to as an SSD), at least 32Gb local storage (for digital texts, documents, photographs, video etc).
- Battery powered, with a minimum 3 hour battery life (charging options will not be readily available). Devices must come to school fully charged.
- A screen size suitable for reading eTexts and A4 documentation is highly recommended. 11.6" or larger is highly recommended.
- A fully functional web browser. Browser versions must be recent enough to be able to utilise the Office 365 online service. Examples include Google Chrome, Mozilla Firefox and Microsoft Edge.
- Desirable – touchscreens and an active stylus-pen that supports the use of digital ink are recommended.
- An iPad, smart phone, iPod or similar are not recommended as a primary device.

Can we use an Apple (MacBook or iPad) product in Senior School?

In Senior School (Year 9 onwards) either a Windows or Apple platform has previously been listed as suitable, however, with the increased use of software that allows for digital ink and a touchscreen, the MacBook does have limited functionality for these learning opportunities. So if you are purchasing a new device for Year 9 onwards, it would be a highly advantageous that students have all input options (digital ink, touch, keyboard) to allow for multiple learning styles when required.

If you have any further questions, please do not hesitate to email me aholloway@stmarks.wa.edu.au

Andrea Holloway

Head of Digital Learning