



BYOD at St Matthew's Collegiate School

Our e-learning goal is that “learning and e-learning strategies support and enhance the girls’ learning across the curriculum.” To that end we are encouraging our students to bring their own computer to school.

The more students that connect and bring their devices to class, the more use of these devices can be made by teachers in their teaching programmes, which can help enrich their lessons.

Recommendations for students at St Matthew's Collegiate

Technical specifications change fast. This Trinity Schools technical specification list is provided in good faith, but naturally is subject to some activity beyond our control. Students will have choice in terms of their devices, however, there are some minimum requirements that have to be met.

As a “Windows” school, the operating system on the device needs to be Windows 10



Having a full operating system enables teachers to be able to plan with confidence knowing that student devices will be able to support the applications and file formats they are using.

A touch screen device with an 'active' stylus pen is also highly recommended. A stylus pen is extremely useful in subjects such as Science and Mathematics where students are dealing with symbols and diagrams on a regular basis. An 'active' stylus will detect the pen when writing and will prevent your palm from activating the touch screen. This allows for natural handwriting.

What about Apple?

We do not recommend these devices for students. As a “Microsoft” school, teachers plan lessons and select applications and software based on Windows operating systems. Some of these may not work on an Apple computer or may not have the full functionality. If an Apple laptop is purchased your daughter will need to be able to be proficient using it and able to trouble shoot for herself. We can install some of the software that the school needs for your daughter’s lessons but in order for it to be work well we would recommend higher specification such as 512GB hard drive, 8MB RAM and a Quad core processor. Please note that Apple laptops do not have touch screens.

Chromebooks and Winbooks

We do not recommend these devices for students. These machines only run online versions of software that we use at school. The online versions do not have the same functionality as the full apps and your daughter will find this a disadvantage in her schoolwork.

Recommended Minimum Specifications

Minimum Specifications	
Operating System	Microsoft Windows 10
Processor	Mobile focused Intel Core i3 minimum, i5 recommended.
Main Memory/RAM	4GB minimum (8GB recommended)
Hard Drive (SSD/HDD)	128 GB minimum, 256 GB recommended or higher (SSD). Solid State Disk (SSD) instead of traditional Hard Disk Drive (HDD) is highly recommended (SSD are much faster and provide longer battery life)
Input	QWERTY keyboard, attached, detachable or Bluetooth
Screen size	10.1" minimum, 15" maximum. Touch Screen and stylus pen highly recommended.
External Ports	1 (or more) x Full size USB 2.0/3.0 or an adapter will be needed to convert USBC to USBA
Wireless Adapter	Wi-Fi compatible – Required Specification Wireless 802.11n/ac
Battery Life	Ideally six hours on a single charge






SOFTWARE Specifications:

Although students will have access to cloud applications, the following applications are provided FREE to your daughter and will be installed at school during the first week of the school year. Please don't buy or install Microsoft Office or set parental controls on your daughter's laptop until we have set up the BYOD software

Software	
Office 2013/365 Home & Student Edition or equivalent – FREE through school	Microsoft Office is available for St. Matthew's students to download for free. We will help the girls load this on their devices
Anti-Virus software	Compulsory anti-virus for all devices. Note: New Windows 8/10 computers include Windows defender built in for free. This is a suitable anti-virus program.
Java	For web applications
Flash	For web applications (Although, this is being largely replaced by HTML 5)
Web Browser	Web browser - Internet Explorer , Google Chrome , Mozilla Firefox , or Safari

Some suitable devices

 <p>Lenovo 300e Yoga 2nd Gen Windows Convertible with Stylus and 3 Year Warranty</p>		<p>Cyclone computers</p> <p>\$689.98*</p>
 <p>Acer Aspire Spin 3 Windows Convertible with Stylus and 3 Year Warranty</p>		<p>Cyclone computers</p> <p>\$1429.98*</p>
 <p>HP ProBook x360 435 G7 Convertible with Stylus and 3 Year Onsite Warranty</p>		<p>Cyclone computers</p> <p>\$1799.98*</p>
 <p>Microsoft Surface Go 2 (128GB) Detachable with Stylus and 3 Year Warranty</p>		<p>Cyclone Computers</p> <p>\$1529.99*</p>

 <p>Microsoft Surface Pro 7 (i3/128GB) Detachable with Stylus & 3 Year Warranty</p>	<p>Cyclone Computers</p> <p>\$1799.99*</p>
<p>Dell Inspiron 14 5000 2-in-1 Laptop</p> 	<p>JB HIFI</p> <p>\$1299*</p>
<p>HP Pavilion x360 14-dw0030TU 14" Laptop</p> 	<p>JB HIFI</p> <p>\$1799*</p>
<p>HP Laptop 14" HD AMD A4-9125 16GB 256GB SSD</p> 	<p>PBTech</p> <p>\$823 00*</p>
<p>Acer Aspire 3 A315-56-53G8 Laptop 15.6" FHD Intel i5-1035G1 8GB 256GB SSD</p> 	<p>PB Tech</p> <p>\$1,104 00*</p>
<p>Dell Inspiron 3583-5763BLK Laptop 15.6" HD Touchscreen Intel i5-8265U 16GB 256GB SSD Win10Home S...</p> 	<p>PBTech</p> <p>\$1,152 88*</p>

<p>ASUS Vivobook Flip 14 TP412FA-EC616T Edu Laptop 14" FHD Touch Intel i5-10210U 8GB 256GB NVMe SSD...</p> 	<p>PB Tech</p> <p>\$1,196 00*</p>
<p>ASUS Vivobook Flip 14 TM420IA-EC127T Laptop 14" FHD Glossy Touch AMD Ryzen3 4300U 8GB 256GB NVMe SSD</p> 	<p>PB Tech</p> <p>\$ 1,260 40*</p>

Other devices are acceptable.

*prices accurate at October 2020

Devices can be purchased at outlets such as Noel Leeming, PB Tech, JB HiFi and Harvey Norman or online through Cyclone.

Cyclone

Cyclone is a New Zealand owned ICT company that provides an efficient procurement capability for NZ All of Government agencies, tertiary institutions, schools and commercial organisations.

Computers and accessories are available to St Matthew's students through the Cyclone web portal:

<https://www.cyclone.co.nz/byod/>

Please select St Matthew's Collegiate from the list of schools and enter the code: **smcbyod**