



**Mill Park Secondary College  
Bring Your Own Device (BYOD) Program Device Specifications and  
Minimum System Requirements**



The device specifications identify the minimum system requirements/hardware specifications for student devices and offer guidance on some suggested makes and models so that parents are fully informed about requirements

While all devices meet the minimum system requirements/hardware specifications, the school strongly recommends that students **choose a laptop device** to ensure that their BYOD maximises their learning experiences.

Device Type	Windows Laptop	Mac Laptop	Windows Tablet	Android	iPad 2
<b>Operating System</b>	Windows 7 Windows 8.1	OS X 10.7 or higher	Windows 7 Windows 8.1	Jelly Bean 4.1 or higher	IOS 7 or higher
<b>Wireless</b>	802.11n	802.11n	802.11n	802.11n	802.11n
<b>Min Screen Size</b>	11"	11"	10"	10.1"	9.7"
<b>Storage Capacity</b>	64GB HDD	64GB HDD	16GB	16GB	16GB
<b>Ram</b>	2GB	2GB	1GB	1GB	NA
<b>Minimum Battery Life</b>	6 Hours	6 Hours	6 Hours	6 Hours	8 Hours
<b>Suggested Accessories</b>	Protective case/cover Headphones	Protective case/cover Headphones	Protective case/cover Headphones	Protective case/cover Headphones	Protective case/cover Headphones
<b>Device Example</b>	Lenovo ThinkPad	11" MacBook Air	Microsoft Surface	Samsung Note 10.1	iPad 2

*\*Google Chromebooks, mobile phones and ebook readers are **NOT** suitable.*

**Please Note:**

The MPSC wireless network only operates on the 802.11n **5GHz** standard. Devices with 802.11a/b/g or 802.11n 2.4GHz only will **not** be able to connect.



## BYOD Program – Minimum Requirements

The device must meet all of the following requirements:

<b>Form Factor</b>	<i>Laptop, or convertible device:</i> <b>A convertible device must have a physical keyboard</b> attachment with separate keys for A – Z and which physically move when depressed. It must run one of the specified operating systems.
<b>Physical Dimensions</b>	Minimum laptop Screen Size: 9” Maximum Screen Size: 15.8”
<b>Operating System</b>	<ul style="list-style-type: none"> <li>• Microsoft Windows 7 or newer</li> <li>• Apple MacOS X 10.6 or newer</li> <li>• Microsoft Windows RT</li> <li>• Android 4 or newer</li> </ul> <p><i>Note 1: All devices will require a free app installed to function at school.</i></p> <p><i>Note 2: Windows RT is untested but should be functional for the basic requirements of the BYOD program.</i></p>
<b>Wireless Capability</b>	Device must have 5GHz 802.11n support. This may be advertised as “Dual Band Wireless”, “802.11abgn”, “802.11agn”, “802.11ac” or “Gigabit Wireless”.  <i>Note: Devices marketed as “802.11bgn” probably do not support the required standard.</i>
<b>Battery Life</b>	Advertised battery life of at least six hours
<b>Additional Recommendations</b>	<ul style="list-style-type: none"> <li>• Maximum weight: 2kg</li> <li>• Minimum RAM (laptops): 4GB</li> <li>• Disk configuration (laptops): Solid State disk</li> <li>• Accidental loss and breakage insurance</li> </ul>

*\*Please take special note of the Wireless Compatibility requirements. This is the most difficult requirement to verify yourself for Windows laptops. If you are unsure, consider purchasing a recommended device.*

### Functional Specification

Additionally, the device must meet all of the following functional requirements pertaining to software:

<b>Operating System</b>	As per the Hardware Specification, above
<b>Connector</b>	All devices will require a free Citrix software connector. Installation Instructions can be found on the Mill Park website.
<b>Backup</b>	Minimum a USB drive for data backup. Students must ensure that their files are regularly backed up.
<b>Security Software</b>	Windows laptops/tablets + Mac laptops require an up to date antivirus package. Free packages such as ClamXav 2 for Mac and Microsoft Security Essentials for Windows 7/8 can be used.