

## 2021 Bring Your Own Device (BYOD) Program Device Specification for Students years 7 – 12

Dear Parents and Guardians

St Brigid’s College continues to extend our curriculum and build on our students’ knowledge of the vast array of technology available to them. Our 1:1 BYOD program has been a great success to date and benefitted students learning.

Under the BYOD Program, students in Years 7-12 are expected to bring their own computing device to school each day. This personal computing device needs to meet device specifications that are recommended by the College and listed below.

Minimum Device Specifications – Device MUST meet these requirements	
<b>Form</b>	Laptop, tablet device or convertible device. A tablet device must have a physical keyboard attachment with separate keys for A-Z and 0-9 which physically move when depressed
<b>Dimensions</b>	Minimum screen size: 9.7”
<b>Operating System</b>	Microsoft Windows 10 Apple MacOS 10.14 or newer
<b>Wireless</b>	<b>Must support 5GHz Wi-Fi standard</b> Minimum: N-Wireless standard 802.11n (5GHz) Recommended: AC-Wireless (802.11ac)
<b>Battery Life</b>	Advertised battery life of at least 6 hours

Recommended Device Specifications – It is not essential to meet these however would be beneficial	
<b>Weight</b>	2kg maximum
<b>RAM</b>	8GB minimum
<b>Internal Storage</b>	120GB minimum Solid State Disk (SSD)
<b>Other</b>	<ul style="list-style-type: none"> <li>• Accidental loss and breakage insurance (some home &amp; contents insurance covers laptops)</li> <li>• Protective/carry case</li> <li>• Headphones</li> <li>• External hard drive – To be used for performing backups at home</li> </ul>

Other Points of Interest	
<b>Web Browser</b>	All modern browsers are suitable. Edge, Google Chrome, Mozilla Firefox, and Safari.
<b>Office Suite</b>	We provide a license subscription to Office365 which includes Word, Excel, PowerPoint, etc.
<b>Security Software</b>	We HIGHLY recommend some form of anti-virus/security software be installed on the device. A free solution that we recommend is Malware Bytes: <a href="https://www.malwarebytes.com/">https://www.malwarebytes.com/</a>

The College strongly recommends that students choose a laptop device to ensure that their BYOD maximises their learning experiences.

While iOS (e.g. Apple iPads), Android-based devices, and Google Chromebooks could be used at school, there are issues with file share connections and a number of applications. Furthermore, tasks may prove challenging as they are more ‘consumption’ orientated devices as opposed to ‘production’ devices. As a result, we do advise to get either a MacOS or a Windows based device.

Please Note:

The wireless network installed at St Brigid’s College only operates on the 802.11ac/n 5GHz standard. Devices with 802.11a/b/g or 802.11n 2.4GHz only will not be able to connect.

Ask this question before you buy a device “St Brigid’s College has a 5GHz (ac/n) wireless network that uses a full range of channels. Will this device connect on all channels in the 5GHz range?” **DO NOT** purchase a device for BYOD unless the answer is “yes”.