



# MARIST COLLEGE NORTH SHORE

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# BYOD GUIDELINES

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## BRING YOUR OWN DEVICE


# Bring Your Own Device (BYOD) Requirements Checklist

<p><b>Wireless Connectivity</b></p> <p>Wireless connectivity is essential for any BYOD device. The chosen device must support the following standards:</p> <ul style="list-style-type: none"> <li>→ The device must support <b>5GHz wireless networks</b>.</li> <li>→ The device must support WiFi 4, Wifi 5 or Wifi 6 standards (802.11 n/ac/ax)</li> </ul>		<p><b>Operating System</b></p> <p>The chosen device must be running either the current version or the previous version of the following operating systems:</p> <ul style="list-style-type: none"> <li>→ Microsoft Windows 10 or later</li> <li>→ Latest Mac operating system</li> </ul> <p>*Android &amp; Google ChromeBook devices are presently not supported.</p>
<p><b>Battery Life</b> Minimum 6 hours</p> <p>Chosen devices need to maintain a consistent charge for the entire school day.</p> <p><b>Minimum Processor Requirements</b></p> <ul style="list-style-type: none"> <li>→ Intel i5, Intel i7 (10<sup>th</sup> Generation or later)</li> </ul>		<p><b>Storage/ Memory Requirements</b></p> <p><b>Minimum RAM requirements</b></p> <ul style="list-style-type: none"> <li>→ 8 GB</li> </ul> <p style="text-align: center;"><b>AND</b></p> <p><b>Minimum Hard Disk Requirements</b></p> <ul style="list-style-type: none"> <li>→ 256GB (SSD) or greater</li> <li>→ Devices with HDDs are not recommended</li> </ul> <p>Students will have access to Google Cloudshare to store information in the cloud An external Hard Drive/USB should be purchased to back up school work.</p>
<p><b>Hardware Features</b></p> <p><b>Required</b></p> <ul style="list-style-type: none"> <li>→ External display connectivity eg. HDMI, VGA</li> <li>→ Camera/Microphone</li> <li>→ Keyboard</li> </ul>		<p><b>Screen Size</b></p> <p><b>Recommended size 12"-15" displays</b></p> <p><b>The device will be used for significant periods throughout the day. Any display smaller than 11" could place unnecessary strain on eyes.</b></p>
<p><b>Important Considerations</b></p> <ul style="list-style-type: none"> <li>→ <b>Cost:</b> Base your decision on the learning needs of your child. The cost of a BYOD device <u>should not</u> exceed \$2,000.00</li> <li>→ <b>Weight:</b> Is the device sufficiently durable and light enough to transport to and from school in the College bag?</li> <li>→ <b>Casing:</b> An important accessory. The case should provide a barrier to potential breakages.</li> <li>→ <b>Insurance:</b> Devices can become lost or broken when transported. Ensure your contents insurance policy covers this</li> <li>→ <b>Warranty:</b> <b>It is strongly recommended that the device include an on-site warranty for the useful life of the computer</b> <b>Extended 3 year warranty is highly recommended.</b> <u>Purchasing warranty and warranty claims for BYOD is the responsibility of the parent/carer.</u></li> <li>→ <b>Portable Hard drive:</b> This will be required to back up work in case of issues with the laptop and should not be brought to school.</li> </ul> <p><b>Software Requirements</b></p> <ul style="list-style-type: none"> <li>→ Anti-Virus and Anti-Malware Software – Sophos (Recommended) or Free version i.e. Windows Defender &amp; Malware Bytes</li> <li>→ <b>Parental Control Apps</b> are not permitted on designated school devices as they interfere with the device connectivity</li> </ul>		

## Recommended BYOD Device List

The laptops listed below are recommended for the demands for students. in Years 7-9. Each laptop must be able to support the Google platform and access web 2.0 applications.

<b>Windows Laptop or Ultrabook or Probook</b>	
<p><b>Suppliers:</b></p> <ul style="list-style-type: none"> <li>● Microsoft</li> <li>● HP</li> <li>● Lenovo</li> <li>● Acer</li> </ul>	
<p><b>Strengths</b></p> <ul style="list-style-type: none"> <li>● Meets the needs of different subject areas.</li> <li>● Provides for a variety of uses, especially suitable for video editing and word processing</li> </ul>	<p><b>Weaknesses</b></p> <ul style="list-style-type: none"> <li>● Cheaper models may be heavier and have less battery life</li> </ul>
<p><b>Onsite 3 year Warranty option – TO BE PAID BY PARENTS</b></p>	

<b>MacBOOK PRO or MacBOOK AIR</b>	
<p><b>Suppliers:</b> Apple</p>	
	
<p><b>Strengths</b></p> <ul style="list-style-type: none"> <li>● Meets the needs of different subject areas.</li> <li>● Provides for a variety of uses, especially suitable for video editing and word processing</li> </ul>	<p><b>Weaknesses</b></p> <ul style="list-style-type: none"> <li>● Cost of laptop in comparison to a windows laptop is much more expensive</li> </ul>

## Warranty and Repairs

- **It is strongly recommended that the device should include an on-site warranty for the useful life of the computer e.g. 3 years for notebooks and 2 years for tablets.**
- Purchasing warranty for BYOD devices is the responsibility of the parent/carer;
- Warranty claims for BYOD devices is the responsibility of the parent/carer;
- The school will have a small number of school owned loan devices to be loaned out via the library when a student's BYOD is being repaired.



## Hardware

- The device must support both 2.4 GHz and 5 GHz wireless networks.
- The device must support the 802.11n wireless protocol.
- It is recommended that the device should support the 802.11ac wireless protocol.
- The device should have a minimum of 4 GB of memory. 8 GB is recommended.
- The device should have a battery life of a minimum of 6 hours. An 8+ hour battery life is recommended.

## Operating System

- The device must be running either the current version or the previous version of the following operating systems:
  - Microsoft Windows;
  - Apple Mac OS X;
  - Apple iOS;
  - Google Chrome OS; or
  - Android.
    - Must be version 5.1 (Lollipop) or above; and
    - Must support proxy auto-configuration configuration option.

## Software

- The device must be running an up-to-date Antivirus and Antimalware program.

## Warranty and Repairs

- It is strongly recommended that the device should include an on-site warranty for the useful life of the computer e.g. 3 years for notebooks and 2 years for tablets.
- Purchasing warranty for BYO devices is the responsibility of the parent/carer; and
- Warranty claims for BYO devices is the responsibility of the parent/carer.

## Support

### In-scope of Support

- ICT will only provide best effort support for:
  - Connecting to the wireless;
  - Connecting to the internet;
  - Connecting to CloudShare; and
  - Chrome browser.

### Out-of-scope of Support

- All support and maintenance other than what is listed under In-scope of Support is not supported by ICT and is not the responsibility of the school;
- Fault diagnosis, warranty claims and hardware and software repairs are not the responsibility of the school;
- BYO devices shall not be bound to the school domain;
- BYO devices shall not have a Standard Operating Environment (SOE) provided for by the school; and
- BYO devices shall not have school licensed software installed on them unless this is specifically permitted in the terms of the software agreement.