

## BYOD Specification for Xavier College

*ICT will be used effectively to enhance learning and teaching in all curriculum areas, to support collaborative and co-operative learning, to develop higher order thinking skills and to help all students to realise their educational and social potential.*

Over the past few years many things have changed when it comes to how schools, teachers and students use technology in learning and teaching. Over the same period of time there has been an increase in the number of devices that have connected to the school's network. This has resulted in an increased demand for bandwidth and access to Internet services. With this increase in both demand and usage, the CEO has a greater need to monitor and manage both the usage and the access to network services. This ensures that the best possible service can be provided to support learning and teaching in the classroom. As a result, the College implemented its Bring Your Own Device (BYOD) programme in 2014 for Year 7 students and will be continuing the practice in future years. Students from other year groups are welcome to provide their own device for learning, provided it meets the specifications laid down by the CEO, as set out below.

In the terms of the College's BYOD programme, BYOD refers to the practice of allowing students to bring their own mobile devices that are capable of connecting to the Internet, and can include everything from laptops to netbooks, tablets, and smartphones. The BYOD programme is customisable for differing learning styles – it allows students to use different devices which itself leads to customised assignments which can play off the strengths and learning styles of each student. The devices that students bring to school will allow them to connect to our own learning environment which is based on Moodle.

### Acceptable Devices and Operating Systems

The following devices and Operating Systems are acceptable devices and supported by the CEO in the BYOD programme at Xavier College.

<p><b>Microsoft Windows Laptops</b></p> <ul style="list-style-type: none"> <li>Windows 10 Professional (Recommend at least 4GB RAM, 8GB RAM preferable)</li> </ul> <p><b>Microsoft Tablet</b></p> <ul style="list-style-type: none"> <li>Microsoft Surface Pro 3 or 4</li> <li>Windows 10 Professional (Tablet)</li> </ul> <p>When the Windows device is bound to our network, Anti-Virus software will be installed onto it.</p> <p><b>Note:</b> Windows devices must be running the Professional Edition or higher of Windows.</p>	<p><b>Apple Laptops</b></p> <ul style="list-style-type: none"> <li>Mac OS X 10.10</li> <li>Mac OS X 10.9 (Mavericks)</li> </ul> <p><b>Apple iOS Devices</b></p> <ul style="list-style-type: none"> <li>iPad and iPad Mini (64 GB minimum) Some students find these devices too limiting. Preference is for a laptop for all students.</li> </ul>
<p><b>Students are <u>strongly recommended</u> to bring devices that are either a Windows laptop or an Apple laptop, as outlined in this table.</b></p>	

The device must also be able to connect to our wireless network and support 802.1X network authentication. The device must support 5GHz wireless. Whatever laptop device is brought to school, it must have internal storage such as a hard disk drive or a Solid State Drive (SSD). Students can store most of their data in their Google Drive. This will allow for a smaller capacity SSD or Hard Drive in their laptop.

## Battery Life

Student devices should have a minimum battery life of 6 hours. There will be no facility to recharge devices at school. It will be the student's responsibility to have their device charged at home prior to their arrival at school each morning. Running the battery flat during lunch time will not be acceptable. Students are discouraged from bringing chargers and associated cables to school.

## Camera

It is desirable that each student's device will contain a built-in camera for taking photos and video recording.

## Software

Each device should have a productivity suite installed on it to allow the student to compete wordprocessing and spreadsheet activities and for creating presentations. Productivity suites can be costly, though there are free packages available as shown below. Students need to only have one productivity suite installed on their device.

Please note: if a Windows or Mac laptop is brought to school, we are able to install the CEO's licenced copy of Microsoft Office onto it. This software will cease working 90 days after a student leaves the Diocese. In that case, the student will have to purchase a licence to use the software.

<b>Windows Platform</b>	<b>MAC Platform</b>
<p>Productivity Software - Choice of:</p> <ul style="list-style-type: none"><li>• Microsoft Office (CEO licence can be installed)</li><li>• Open Office (free download from <a href="http://www.openoffice.org">www.openoffice.org</a>)</li><li>• Students need to purchase Air Parrot to project their Windows desktop to the projector. This software is available from <a href="http://www.airsquirrels.com/airparrot/">http://www.airsquirrels.com/airparrot/</a></li></ul> <p>Other software:</p> <ul style="list-style-type: none"><li>• Adobe Reader (free)</li><li>• Chrome Internet Browser (free)</li><li>• Microsoft Movie Maker (free)</li><li>• Audacity for recording sound (free)</li><li>• Google Drive (free)</li><li>• VLC Video Player (free)</li><li>• Microsoft OneNote (free)</li></ul>	<p>Productivity Software - Choice of:</p> <ul style="list-style-type: none"><li>• Microsoft Office (CEO licence can be installed)</li><li>• Open Office (free download from <a href="http://www.openoffice.org">www.openoffice.org</a>)</li></ul> <p>Other Software:</p> <ul style="list-style-type: none"><li>• Adobe Reader (free)</li><li>• Chrome Internet Browser (free)</li><li>• iMovie</li><li>• Google Drive (free)</li><li>• VLC Video Player (free)</li><li>• Microsoft OneNote (free)</li></ul>