



Lake Munmorah High School

# ***BYOD Specifications & Recommendations***

## **Screen Size**

Specification – Minimum Screen Size – 11”

Recommendation – Screen size between 11” and 14”.

Screens smaller than 11” can be hard to read from and do not allow enough space for a decent sized keyboard. Devices larger than 14” can be heavy and cumbersome, and most will not fit inside a school backpack. LMHS does NOT endorse or allow the use of mobile phones or smartphone technology as the primary device in BYOD. Students will at times harness the power of smartphones at teacher discretion in class, however, learning for long periods using this type of technology is not sustainable due to the reduced screen size.

## **Devices**

Recommendation – Windows Laptops.

iPads may not be used - many do not have the capabilities of other devices, and their reduced screen size can become a strain on students. Senior students that wish to participate in the BYOD program may wish to use devices that are more advanced. They should discuss their needs with their subject teachers. LMHS endorses Windows devices as staff are more familiar with these and they will closely align with other technology in the school.

## **Wireless Specification**

*LMHS runs on the DoE's commercial grade wireless. For devices to connect to our wireless and internet they need to be 5GHz 802.11abgn or 802.11ac compatible. Our network also supports older 2.4ghz 802.11n devices. When purchasing a new device, please ensure you double check the device is compatible.*

## **Operating System**

- ✓ ChromeOS
- ✓ Windows 7, 8/8.1 and 10
- ✓ Mac 10.12 or later
- ✓ iOS 10 or later (depending on Apple support)

Android devices don't currently work with apps including GSuite and Office 365 so are not permitted.

## **Battery Life**

Greater than 6 hours is ideal. Students are not permitted to charge their laptops at school, so need to ensure their device is capable to last a typical day.

## **Memory**

- ✓ 4GB minimum for devices running Windows & Mac. 8GB or greater is ideal.
- ✓ 2GB minimum for devices running ChromeOS. 4GB or greater is ideal.

## **Storage**

- ✓ 16GB minimum for cloud storage devices such as eMMC devices.
- ✓ 128GB minimum for local storage devices such as Windows and Mac devices.

## **Insurance**

This is personal choice. We recommend that you take out insurance on devices. Check with your insurer as some policies already cover BYOD devices as part of their content insurance. The school takes no responsibility for damaged or broken devices.

## **Software**

Specifications –

- ✓ Google Suite or G Suite.  
Google Apps, Google Drive and Google Classroom are all free for students no matter what device they are using. All are part of the schools Google Classroom suite of apps. G Suite requires internet access to work. Students will need to sign in using their school email account and password. Other devices may require the apps to be downloaded and installed, including Chrome.
- ✓ Microsoft Office 365.  
Students on a Windows or Mac based device can obtain a free copy of Microsoft office 365 through the student portal. It will need to be downloaded on the device it needs to be installed on.

Please direct any unanswered questions to Mrs Wendy Scarce (DP/ Technology Coordinator), Mr Mark Beiers (Computer Coordinator) or Mr Dane Kroenhert (TSO).