

Mackay State High School

BYOx eLearning Program Specifications

Please take this page with you when shopping for a laptop, and check with a sales representative that your choice meets the requirements before purchasing.

- Mackay State High School operates a Microsoft Windows-based learning environment.
- Software required for some subjects is **Windows-compatible ONLY**.
- While Apple Mac OS X devices and iPads are acceptable, compatibility issues with our network can cause issues connecting to some school resources, and are therefore **not** recommended.
- **Chromebooks will not be accepted.**

Mackay State High School recommends the following *minimum* specifications:

- Microsoft Windows 10 Home or Pro
- HDD >150Gb Primary Storage Capacity
- RAM 4Gb (8GB for Technical Subjects)
- Wireless Network 802.11an
- Screen 10" (13" for Technical Subjects)
- Estimated Battery Life >6 hours.
- Protective Case (mandatory) Backpack with padded laptop compartment, Hard-sided Laptop case, or Slipcase to provide adequate protection.
- Backup Device External Hard drive (recommended) or USB

Students studying the following technical subjects require the Technical Subject Minimum specifications:

- Industrial Technology and Design
- Industrial Graphics Skills
- Building and Construction Skills
- Engineering Skills
- Design
- Geography
- Information and Communication Technology
- The Arts
- Media Arts in Practice
- Arts in Practice
- Visual Arts in Practice
- Film, Television and New Media

Technical Hardware Requirements as different to the minimum specifications :

- RAM – 8Gb
- Screen - 14"

It is highly recommended that screen size and weight be appropriate for your student's Year Level, physical stature and subjects being studied. Purchasing a laptop is an investment in your child's future. To ensure continuity of learning, your investment should also be secured by:

- 3 year Warranty
- 3 year Accidental Damage Coverage
- Loss and Theft Insurance

Software Requirements:

All Subjects:

- Antivirus Software (*mandatory*) - Microsoft Windows 10 includes the Windows Defender antivirus software, which is suitable for devices connected to the school network. Please make sure that this is activated, and kept up to date.
- Microsoft Office Professional Plus 2016/365 – Available FREE to students via Mackay State High School website.

****Microsoft Office Home and Student does not contain all of the required applications.****

Industrial Technology and Design:

- Autodesk software – *Inventor* and/or *Revit* – available free by download from Autodesk.
****Autodesk software will ONLY work on Windows Devices****