ALEXANDRA HILLS
STATE HIGH SCHOOL

ALEXANDRA HILLS SHS
Automation
& Robotics
CENTRE OF EXCELLENCE

BYOD requirements – Years 9-12

It is a requirement that all students in Years 9 to 12 bring their own laptop to school, connected to the school network, for their studies. BYOD iPads used by junior students are not adequate for years 9 to 12.

BYOD Laptops are used every day by students to support and enhance their learning in all subjects. The amount of time that the laptops are used will vary from day to day, based on how well they complement the classroom topic.

Laptops usually have an expected lifespan of 3 - 4 years, depending on the laptop build quality and individual usage and care.

Minimum Laptop Specifications

> ⚠️ **CAUTION** – These devices will not connect to the school network:
> Chromebook laptops or devices using Windows 10S, Windows RT or Linux.

	Standard	Premium
Operating System	Windows 10: 64 bit (most new Windows laptops are now Windows 11) **OR** Mac OS 11 'Big Sur' (most Apple laptops are now 'Monterey') – or above	
Display	11" – 13" screen; Maximum 13" recommended to minimise weight and reduce risk of breakage	
Storage	128GB+, SSD recommended	256GB+ with SSD
Processor	Intel Core i5 or equivalent	Intel Core i5 (minimum 10th generation) or equivalent
Memory	4GB+ RAM	8GB+ RAM
Battery	6-8 hours battery (students aren't able to charge devices at school)	
Protection	Laptop shell / case / sleeve (foam sleeves are less protective) 3yr warranty & accidental damage cover (strongly recommended)	
Other	If storing a large number of audio/video files, consider the purchase of a minimum 500GB external hard drive	

Families that have a device which is less than 4 years old are encouraged to bring it to school to see if network connection can occur, before having to purchase another device. Please note that older devices may have issues with battery life.

Mandatory Laptop Subjects – Years 11 – 12 and Year 10 semester 2

Certain subjects cannot be studied without the support of a laptop, as they continuously involve digital activities or access to online training and assessment modules.

Students MUST have a school-connected BYOD Laptop to be enrolled in these senior subjects (including the introductory subjects in Semester 2 of year 10):

Certificate Courses	ATAR Subjects	Vocational Subjects
Cert II Construction Pathways	Business	Industrial Technology Skills
Cert III Aviation (Drones)	Design	Information & Communication Technology (ICT)
Cert III Business	Digital Solutions	Media Arts in Practice
Cert III Early Childhood	Film, TV & New Media	Visual Arts in Practice
Cert III Fitness	Visual Arts	

Premium Laptop Subjects – Years 11 – 12 and Year 10 semester 2

The following subjects require a "premium level" laptop, so that the device meets the minimum requirements specified for software being used (eg. CAD design, graphic design, video editing):

Design	Digital Solutions	Media Arts in Practice	Film, TV & New Media

Software

- We recommended that students install Microsoft 365. This is available as a **free download** on student laptops and their home devices (see school website for details). It can only be downloaded and installed at home, using the student's school log-in
- Antivirus software must be installed and regular updates completed
- Students may require additional software depending on subjects selected

Internet Browser

Microsoft Edge is the default Windows 10/11 browser. Safari is the default Apple MacOS browser. Students should also install Google Chrome and Mozilla Firefox as alternative browsers as different sites work better with different browsers.

If you have any questions, please email: ict@alexandrahillsshs.eq.edu.au