



Newcastle  
Grammar  
— SCHOOL —

# BYOT

2021



## **What are these programmes?**

These programmes allow the use of personally owned technology within school in order to facilitate student learning. Students will regularly use their technology in the classroom and the programme assists the transition to education at home.

## **Why are these programmes used at NGS?**

Technology is a staple of the 21st century. In every walk of life computers make processes and practices simpler, easier and more efficient. Education is no different.

The use of technology provides opportunities to support and enhance learning, teaching and improve educational outcomes. Using technology as a tool for learning provides teachers with the opportunity to provide a more personalised learning environment with diverse experiences for students.

A growing body of research continues to provide compelling evidence that the integration of technology in learning motivates students, aids in the development of skills in critical thinking, inquiry and creativity, improves literacy and increases academic achievement.

The learning environment in the 21st century has changed considerably. Educational theory focuses extensively on the social nature of learning, advocating pedagogies that engage students in the creation and application of knowledge, providing learning experiences that immerse them in their education. Technology is ubiquitous in the 21st century.

By incorporating devices that are already a significant part of students' lives, we have the opportunity to connect them with their learning in a way that makes it more valuable and meaningful. We are also able to educate them in the safe and responsible use of technology.

## Primary School K-6

In 2021, students in Primary will not be required to bring a device to school. Technology resources to support learning will be provided by the School. Students may need to have access to a device to complete home learning activities or to facilitate remote learning, should this be required.

### Year 7 - 12

Students in Years 7 – 12 are required to bring their own device to school to support their learning.

This device needs run either a Windows or Mac operating system and meet the following minimum specifications:

#### BYOT Recommended Minimum Specifications

OS	Windows Windows 10+	Mac OSX 10.11+
Software (non-specific)	Word Processor Web Browser Antivirus Protection Video Creation	
Specific Software	O365 (supplied by School licence)	
Hardware Considerations	Wi-Fi must support 5Ghz band and 802.11 ac standard	

In addition, students will need to have software installed on their device that allows them to capture multimedia, including photos and video.

Students studying subjects such as Visual Arts or Technology may also need specific applications relevant to these courses. Students will be advised of any additional software requirements.

Students should also have a set of headphones to use with their device.

## BYOT Supported Devices

The following devices meet the functioning and operational needs and have been tested in the school environment. These devices are known to be compatible with the school network (Wi-Fi, Printing etc.):

Dell Inspiron 15-5000  
MacBook (Pro/Air)  
Microsoft Surface (Go\*/Pro/Laptop/Book)  
HP 15 - EQ1048AU  
HP 15s - EQ0110AU

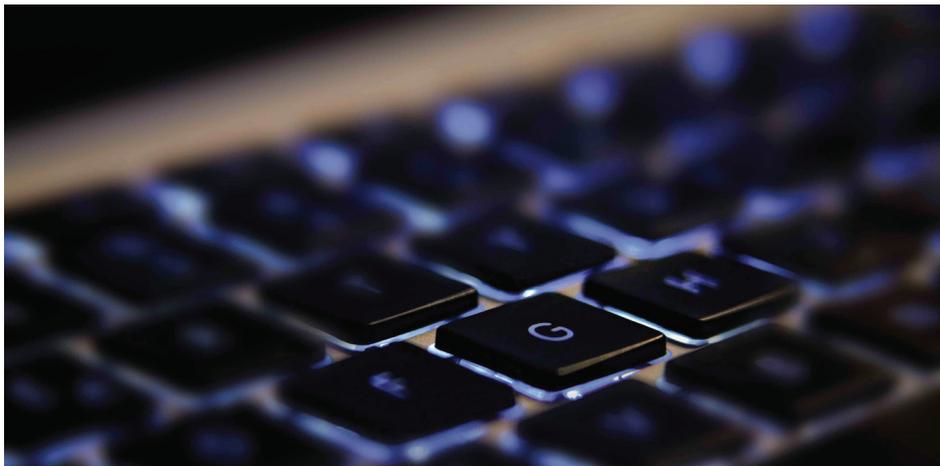
\*Microsoft Surface Go comes with Windows 10 S - this will need to be upgraded as part of a free process before it is suitable for use at NGS.

<https://support.microsoft.com/en-au/help/4456067/windows-10-switch-out-of-s-mode>

**Please note: These devices are current as of October 2020.  
Other devices are acceptable if they meet the minimum specifications,  
primarily: Wi-Fi - 802.11 ac**







### **Schoolbox - The NGS Learning Management System**

SchoolBox provides students with access to their virtual classroom, a place where they can access lessons, resources and assessment task notifications. In addition, parents and students can access news, information and the School calendar through this portal.

<https://portal.ngs.nsw.edu.au>

### **Microsoft Office**

NGS has a site licence for the Microsoft software suite (Word, Outlook, PowerPoint etc.). This allows all students to download a version on to their device. There is no need to purchase this software separately.



Excel



OneNote



Outlook



Word



PowerPoint

## **Microsoft Teams**

Microsoft Teams is used to facilitate online learning, which is implemented as required to support the continuity of learning for students in specific circumstances.

## **Electronic Textbooks: Box of Books**

Students in Years 7 – 12 are provided with digital textbooks through Box of Books. This platform allows for the provision of interactivity and greater functionality than a traditional textbook, whilst also reducing the equipment students are required to carry each day.

Box of Books is accessed through SchoolBox





Newcastle  
Grammar  
— SCHOOL —

E

## EXCELLENCE

We work together in an environment where the pursuit of excellence is encouraged, fostered and valued.

We understand wellbeing promotes excellence and is dependent on both feeling good about ourselves and doing good for others.

We aim to bring the best version of ourselves to school every day.

S

## SERVICE

We appreciate diversity and understand appropriate and authentic responses.

We desire to enrich the lives of others and understand this in turn, enriches our own lives.

I

## INTEGRITY

Being honest to yourself and others is central to worthwhile life.

We aim to demonstrate trustworthiness and responsibility.

R

## RESPECT

We acknowledge a shared humanity underpins respect.

We believe respect forms the basis of our interactions.

All that we do at NGS is underpinned  
by our CORE VALUES of

**RESPECT, INTEGRITY, SERVICE AND EXCELLENCE.**