



BYOD Framework

Rationale

Liverpool Girls' High School recognises the need to prepare our students for a rapidly-changing world, where technology plays a large role in our personal, social and professional lives. We know that the use of technology is integral in the delivery of quality teaching and learning in the 21st century classroom.

In 2013, the federally funded Digital Education Revolution (DER) program came to an end. This program allocated all Year 9 students with a laptop from 2009 to 2013. The program led to meaningful change in teaching and learning in Australian schools that engaged students in rigorous and stimulating programs of learning. The NSW Department of Education has advised that schools may implement a Bring Your Own Device (BYOD) program from 2014 so that students can work with their own devices using technology as a tool to enhance and support their learning.

What is a Bring Your Own Device program?

“Bring your own device (BYOD) refers to technology models where students bring personally owned devices to school for the purpose of learning.”

At Liverpool Girls' High School we have elected to use Chromebooks as our preferred device as our best fit solution for teaching and learning. Reasons include the lightweight nature of the Chrome operating system, quick start up and productivity, 10 hours battery life, no overheads and software glitches. Students may choose other devices and are able to install programs suitable for their device through their school portal.

What things should you look for in a device for learning?

Your device needs to handle ...

Different school subjects

In a typical day a student might type an English assignment, jot down history notes, figure out maths equations, video a science experiment and record a speech. You'll need a device that lets student work effectively in all subjects

Creativity, innovation and composition

Students need to be able to create, construct knowledge and be collaborative on their devices. This means that they should be able to install apps and / or full software applications

You need to ask for ...

1. 10" minimum screen, touch screen or keyboard

- A minimum of 10" screen – larger for creative or technical work ✓
- A touch screen for browsing and writing class notes.
- A keyboard for typing assignments.

2. Runs both apps and programs

- Able to run programs such as Microsoft office, Adobe Photoshop ✓
- Able to install apps as needed during school time.

Your device needs to handle ...	You need to ask for ...
<p>Working from different places Students need to connect to the school wireless network.</p>	<p>3. Dual band WiFi Access</p> <ul style="list-style-type: none"> ▪ Make sure your device has 5 Ghz dual band wireless to access the school network. ✓
<p>The school backpack Keep it light on their back.</p>	<p>4. Lightweight</p> <ul style="list-style-type: none"> ▪ Aim for under 1.5 kg ✓
<p>6-hour days No one wants to run out of battery half way through the school day.</p>	<p>5. 6 hour battery life minimum</p> <ul style="list-style-type: none"> ▪ Make sure that your battery last the 6 hour school day. ✓ ▪ Look for an intel 4th generation core processor to help stretch battery life.
<p>File Swapping You can email small files, but not video projects and large images. Plus students need to be about to connect their device to printers, sensors, probes, thermometers and more for science.</p>	<p>6. USB ports</p> <ul style="list-style-type: none"> ▪ Needed to connect digital peripherals, such as microscope, a printer, graphics tablet, musical keyboard, thermometer, light meter etc ✓
<p>Lots of different Software Make sure that the device can run demanding programs for music, design, science and technology classes.</p>	<p>7. High performance</p> <ul style="list-style-type: none"> ▪ Look for machines that are within the last two versions of production. ✓
<p>Note-taking and brainstorming Students are more comfortable making notes, sketching, writing maths equations, science formulae, and foreign languages with a pen.</p>	<p>8. Pen High fidelity digitalised pen with active screen for note-taking, sketching, writing maths, ✓</p>
<p>Rough and Tumble Your child will probably drop the device and may spill things on it, so it needs to be tough and protected.</p>	<p>9. Durable for everyday school use</p> <ul style="list-style-type: none"> ▪ Make sure you have a protective case. ✓ ▪ Look for solid state drives
<p>Lots of files, videos, music and more Students need plenty of room for application and their own files.</p>	<p>10. Storage</p> <ul style="list-style-type: none"> ▪ Go for at least 128GB of storage in laptops, ultra books and two in one. ✓ ▪ At least 32 GB of storage in tablets is recommended. ▪

Framework developed August 2015
To be reviewed November 2016