





Rolleston College maintains a comprehensive ICT infrastructure, including an extensive school Wi-Fi network.

To utilise this fully we encourage all learners to Bring Your Own Device (BYOD) allowing them to integrate their learning both inside and outside of school. At the same time learners will have access to specialist computer technology and software in subjects such as Design, Music and Media Studies.

Rolleston College utilises the **Google Apps for Education** platform or GAFE for short. GAFE is free for learners and provides the ability for learners and staff to communicate, store files and collaborate on documents, spreadsheets, and presentations in real time from school, work or home, all within a secure “school” online environment.

***Choosing the right device!***

As a school we don't believe that mandating a particular device is necessary because learner needs differ. However, if your learner does not already have a device, we recommend purchasing either a Chromebook (Year 9 and 10) or a Laptop for those with a real passion for technology. If in doubt check out our Device Checklist on the back of this pamphlet.

<p style="text-align: center;"><b>Google Chromebook</b></p> 	<p style="text-align: center;"><b>Laptop (ACER Travel Mate B117)</b></p> 
<ul style="list-style-type: none"> <li>● Intel Celeron N2940 Processor (1.83GHZ, 2MB Cach, Quad Core)</li> <li>● Screen 11.6 Inch</li> <li>● Webcam HD Camera</li> <li>● 4GB DDR3L SDRAM</li> <li>● 16GB eMMC Solid State Drive</li> <li>● No additional software</li> <li>● Intel HD Graphics with 128MB of system memory</li> <li>● Chrome Operating System</li> <li>● Headphones, Speaker or Mic Jack</li> </ul>	<ul style="list-style-type: none"> <li>● CPU Intel Celeron Quad Core Processor N3160</li> <li>● Screen 11.6 Inch</li> <li>● Webcam HD Camera</li> <li>● Onboard Memory 4GB DDR3 Low Voltage Memory</li> <li>● Hard Drive 128GB Solid State Drive</li> <li>● No additional software</li> <li>● Integrated Graphics</li> <li>● Operating System Windows 10 Professional</li> <li>● Headphones, Speaker or Mic Jack</li> </ul>

# DEVICE CHECKLIST

## Device Specifications

- Operating System:** Depending on your device a Windows 7 or later; a Mac or Chrome Operating System
- Greater than 2GB of RAM** (random access memory) is the place where the operating system (OS), application programs and data in current use are kept so they can be quickly reached by the device's processor.
- Battery life of 5 to 6 Hours** so it is able to get through the school day without being charged
- Central Processing Unit 1.6GHZ or higher.** The computer's CPU handles all instructions it receives from hardware and software running on the computer so the higher the GHZ the faster it is which is usually better.

## Functionality

- Internet Capable with a Web Browser** like Google Chrome so we can run Google Apps.
- Ability to **create or edit common documents** using google chrome. Word, Excel and Powerpoint are helpful but not necessary.
- Ability to read **ebooks and pdfs.**

## Physical Attributes

- A **physical keyboard** to help with document and spreadsheet processing.
- Screen Size:** A minimum of 7" however 11.6" is our suggested size.

## Practical Elements

- Highly Portable; Light and small enough** to carry around all day and safely stored.
- Minimum **Warranty** of One Year
- Capable and Robust with **Insurance Cover** for all possibilities.

While there are times a handheld device like a smartphone or iPad can be used as an appropriate tool. Our BYOD devices enable learners to create, edit and design documents and spreadsheets easily. As such devices like smartphones and iPads are not encouraged at Rolleston College.