

## Device Specifications 2021

### Hardware Specification\*

It is recommended that the device meets the following minimum requirements:

<b>Form Factor</b>	Laptop (Windows, Mac, Linux) or Chromebook Device must have a physical keyboard ( <b>no iPads or tablets</b> ) Please don't choose a tablet for this purpose. They typically don't have the processing power, nor the screen size to be considered a good long term learning device. However a Surface Pro with keyboard is ok, an iPad is not.
<b>Physical Dimensions</b>	We recommend a 12" or 13" screen. Minimum - 10.2" (measured on the diagonal) Maximum - as large as you're willing to carry around.
<b>Operating System</b>	Windows 10 MacOS X 10.14 or newer Chrome OS The main thing is that whatever OS you have, it must be able to run the latest version of the Chrome Browser
<b>Wireless Compatibility</b>	2.4GHz and 5Ghz 802.11n or better. Preferably 802.11ac <b>NOTE:</b> This may be advertised as 'Dual Band Wireless', '802.11abgn', '802.11agn', '802.11ac' or Gigabit Wireless'
<b>RAM</b>	Chromebooks/laptops 4GB minimum, 8GB preferred, the more the better.
<b>Storage Memory</b>	256Gb (Windows 10 will struggle with 128Gb) * SSD (Solid State Drive) is a quicker quieter newer hard disk technology that has become almost standard.
<b>Processing Speed</b>	A dual core intel "Celeron" or better - or an AMD RYZEN5 or better Basically 1.8Ghz or better You may get dazzled with terms like GPU, FPU, GXPU, caching. It all contributes to faster handling of data. Most of this you wont notice or need unless you are editing large video or graphics projects.
<b>Battery Life</b>	At least <b>7 hours</b>

### Software Specification\*

<b>Operating System</b>	As per Hardware Specification, above
<b>Web Browser</b>	At least one of the following browsers installed (latest version): <ul style="list-style-type: none"> <li>• Google Chrome stable.</li> <li>• Mozilla Firefox Stable.</li> <li>• Apple Safari stable.</li> <li>• Microsoft Edge stable</li> </ul>
<b>Security Software</b>	Up-to-date Anti-virus Software eg. MacAfee, Nortons,
<b>Other software</b>	G-Suite, and MS Office 365 applications will be provided by the school. <b>You do not need to purchase these for your device.</b>

### Other Considerations\* - we would also recommend the following:

- An in-built camera and microphone
- A robust carry case
- Personal headphones
- Accidental Loss and breakage insurance

\*These minimum specifications are based on what we think will work best at school. If you already have a device that does not quite meet these specifications, you are welcome to try it first and see how it goes, before purchasing a new device. We would rather see students with a device, even if it does not quite meet these recommendations than no device at all. Obviously if it does not work, you will need to replace the device with one that meets these requirements.