# 1:1 Digital Device Program

# Specification List

| Hardware Specifications* | |
|---|---|
| *It is recommended that the device meets the following requirements.* | |
| **Form Factor** | *Laptop (Windows or Mac)*<br>*The device must have a physical keyboard*<br>*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.* |
| **Physical Dimensions & Resolution** | *We recommend a 12" or 13" screen. Minimum - 10.2" (measured on the diagonal) Minimum Full HD Screen (1080p)*<br>*Maximum - as large as you're willing to carry around.* |
| **Operating System** | *Windows 10*<br>*MacOS X 10.14 or newer*<br>*Please note: the device must be able to run the latest version of the Chrome Browser.* |
| **Wireless Capability** | *2.4GHz and 5Ghz 802.11n or better. Preferably 802.11ac*<br>*Please note: This may be advertised as 'Dual Band Wireless', '802.11abgn', '802.11agn', 802.11ac' or Gigabit Wireless'* |
| **RAM** | *8GB Minimum, the more the better.* |
| **Storage Memory** | *256Gb Minimum, The more the better*<br>*\* SSD (Solid State Drive) is a quicker, quieter newer hard disk technology that has become almost standard.* |
| **Processing Speed** | *i5 Quad Core or better*<br>*AMD Ryzen 5 Quad Core or better* |
| **Battery Life** | *Minimum 7 Hours advertised life* |

| Software Specifications* | |
|---|---|
| **Operating System** | *As per Hardware Specification, above* |
| **Web Browser** | *At least one of the following browsers installed (latest version):*<br>*• Google Chrome stable.*<br>*• Mozilla Firefox Stable.*<br>*• Apple Safari stable.*<br>*• Microsoft Edge stable* |
| **Security Software** | *Up-to-date Anti-virus Software eg. McAfee, Nortons,Trend, etc* |
| **Other Software** | *G-Suite, and MS Office 365 applications will be provided by the school.*<br>*You do not need to purchase these for your device.* |

## Other Considerations* - we would also recommend the following:
• An in-built camera and microphone    • A robust carry case
• Accidental Loss and breakage insurance

*\*These 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.*