

Laptop Requirements

All Sentinel Programme students are required to have a laptop that meets the laptop requirements. Students who do not have or are unable to obtain a suitable laptop are advised to inform the Sentinel Programme Office at sentinel@defence.gov.sg.

OS	Version (if any)	Remarks
Windows (Recommended)	Windows 10 and above	Please ensure that you have: 1) The rights to download and install software on your device 2) Access to browser developer tools (see next slide) 3) Access to command prompt (Windows OS) or Terminal app (MacOS and Linux) 4) Internet access on your device
MacOS	macOS 11 and above	
Linux	Ubuntu/Debian	
ChromeOS*	Version 120 and above	

* Please note that the installation process on ChromeOS can be more complicated and may require enabling the Linux Development Environment and executing certain commands in the command line. Please contact your school technical team to enable access.

Command-line Interface

Guideline for verifying command-line interface access is outlined below:

OS	Version (if any)	How to verify access to the command-line interface? On your device, do the following:
Windows (Recommended)	Windows 10 and above	Open: Press Windows Key, search for “Command Prompt” or “PowerShell”, and open it. Test: Type “echo hello Sentinel” , and press Enter. Expected Result: The text “hello Sentinel” should be displayed without any restriction or blocking message.
MacOS	macOS 11 and above	Open: ⌘ + Space -> Search for “Terminal” and open it. Test: Type “echo hello Sentinel” , and press Enter. Expected Result: The text “hello Sentinel” should be displayed without any restriction or blocking message.
Linux	Ubuntu/Debian	Open: Applications -> Search for “Terminal” and open it. Test: Type “echo hello Sentinel” , and press Enter. Expected Result: The text “hello Sentinel” should be displayed without any restriction or blocking message.
ChromeOS*	Version 120 and above	Open: App Launcher -> Search for “Terminal” and open it. Select any linux application available. On a webpage: Do a ctrl-click and a context menu should appear with “Inspect” or “Inspect Element”

Developer Tools

Guideline for verifying developer tools access in the web browser is outlined below:

OS	Version (if any)	How to open the browser developer tools? In your web browser (e.g. Chrome), do the following:
Windows (Recommended)	Windows 10 and above	Keyboard: Ctrl + Shift + I or F12 On a webpage: Do a right-click and a context menu should appear with “Inspect” or “Inspect Element”
MacOS	macOS 11 and above	Keyboard: ⌘ + ⌥ + I or fn + F12 On a webpage: Do a ctrl-click and a context menu should appear with “Inspect” or “Inspect Element” Note: For Safari web browser, please also ensure that "Show Develop menu in menu bar" is checked (Safari -> Preferences or Settings -> Advanced).
Linux	Ubuntu/Debian	Keyboard: Ctrl + Shift + I or F12 On a webpage: Do a right-click and a context menu should appear with “Inspect” or “Inspect Element”
ChromeOS*	Version 120 and above	Keyboard: Ctrl + Shift + I or F12 On a webpage: Do a ctrl-click and a context menu should appear with “Inspect” or “Inspect Element”