HOMEBUSH BOYS' HIGH SCHOOL

"Upright and Strong"

BYOD Device Requirements

We recommend the "*Google Chromebook"* be the first choice for the BYOD device initiative to all students at Homebush Boys High School.

Cost: *< $600*, the cost of this device must be under $600. This is to ensure the safety and security of not only the device but students carrying the device to and from school and in between classes.

Size:

Portable form factor, the size of this device must be portable to use in classrooms as well easy to transport to and from school or between their classes.

Weight:

< 1.5kg, the weight of the entire device is expected to be less than 1.5kg. Anything above this weight will cause a significant strain on the students whilst they transport the device to and from school and in between their classes.

Wireless connectivity:

The department's Wi-Fi network installed in high schools operates on the ***802.11n 5 GHz standard***. All devices bought must connect to DETNSW Wireless network. Devices that do not support 5 GHz standard will not be able to connect. Any devices bought as part of this program should have no Cellular Access (2g/3g/4g). This ensures all the security and filtering provided by the DEC for the safety of the students is adhered to.

Software and apps:

The device that is to be used by students next year must have the following functions. This ensures productivity of the students while using their device at school. The device must be able to create, view and share PDF (Portable Document Format) files. The following are additional requirements:

- *Word Processing:* Manipulating Font Styles, Using Tables, Inserting Multimedia, Equation Editor.
- *Note Taking:* Basic software for taking notes, editing, collaborating and sharing during classes.
- *Spreadsheets***:** A program in which figures arranged in the rows and columns of a grid can be manipulated and used in calculations.
- *Presentation:* Students must be able to create presentations using their devices
- *Internet Browsers:* Devices must be able to access the internet to send and receive content.
- *Image Manipulation***:** Basic Graphics Application for minimal editing and saving
- *Audio/Video Manipulation:* Ability to playback & record audio or video.
- *Updates:* Ability to download/install/update any new software as required.
- *Backup:* Ability to import and export data to an external storage for backup

Battery life:

    Minimum 6 hours of regular use, without needing to be charged. The device must be able to perform adequately for all lessons of the day. Students will not be allowed to bring chargers or charge their devices at school for the Safety, Security and WHS practices for all those involved.

Storage and Memory:

    SSD - The device must contain a Solid State Drive as its primary hard-disk drive. This ensures the start-up times for the device and application to be significantly faster than the older generation drives.

    Local Storage*:* Must have local storage, so the device can be used offline

    Cloud Storage*:* Access to a cloud storage (Google Drive, iCloud)

Hardware features:

    Camera, Mic, Headphone Jack: The device must have a built in Camera, Microphone and a Headphone Jack. This ensures the students can use their devices for a much wider range of tasks.

Screen:

    Min: 10", Max: 13", this ensures portability and usability of the device, a minimum of 10 inch to a maximum of 13 inch screen must follow for all devices.

Keyboard:

    QWERTY Keyboard of any size must be connected to the device. The device must have or be able to connect to a keyboard. This ensures the ergonomic requirements for the students while using their devices on a daily basis for school work.

Other considerations

    Casing*:* Tough and sturdy to avoid breakage.

Accessories

    Carry *case:* Supply a carry case or skin to protect the device.

    Insurance *and warranty:* Be aware of the terms of insurance policies/warranties for the device. The school will not accept responsibility for loss or breakage.

Theft and damage:

    Students are responsible for securing and protecting their devices at school. *Any loss or damage to a device is not the responsibility of the school or the Department.*

Confiscation:

    Students' devices may be confiscated if the school has grounds to suspect that a device contains data or the student's actions breach the BYOD Student Agreement.

Maintenance and support:

    Students are solely responsible for the maintenance and upkeep of their devices.

Insurance/warranty:

    Students and their parents/caregivers are responsible for arranging their own insurance and should be aware of the warranty conditions for the device.