



Home of Modern Learning

Education without barriers

PRIVATE SCHOOL

TECHNICAL REQUIREMENTS GUIDELINE

In order to effectively manage our BYOD (bring your own device) environment, we will be **phasing in managed Chromebooks from 2027. All NEW Grade 8 and 9 students will be required to have a Chromebook with a CEU licence that meets or exceeds the minimum specifications given below.** Existing students who need to replace their Windows/MacBook device are also urged to change to a Chromebook. **The CEU licence required for full management of the Chromebook is compulsory and can be purchased separately through HML.**

We are aware that learning devices are costly, but urge you to invest in the highest spec devices you can afford. Technology outdates quickly - entry-level low spec devices will perform poorly and are likely to need replacement/upgrades/repairs after minimal use.

COMPULSORY ITEMS

- **Chromebook with CEU licence** (please see detailed specifications) **PHASING-IN** or Windows/MacBook laptop (must meet minimum specifications) **PHASING-OUT (pre-2027 students/GED® students ONLY)**
- Headphones (wired over-the-ear recommended)

OPTIONAL ITEMS

- Mouse (wired recommended)

IMPORTANT NOTES

- Existing Windows/MacBook devices can also be converted to Chromebooks at no cost with ChromeOS Flex. These devices will not, however, be able to access the Play Store. Please speak to us about this option if interested. A CEU licence will still be required.
- **Entry-level and outdated devices that do not meet the specifications given, are likely to perform poorly and may not be compatible with the HML's WiFi enterprise network – these devices will need to be replaced/upgraded!**
- A protective case for safe transport is needed
- Insurance is recommended for the device, especially if it is out of warranty
- The school accepts no responsibility for loss, theft, or damage to student-owned devices
- Parents/guardians are responsible for the initial cost as well as any repairs, replacement, and insurance for personal devices



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CHROMEBOOKS SPECIFICATIONS

Requirement	Minimum	Recommended (for longevity and performance)
Processor (CPU)	Intel N100 or MediaTek Kompanio 520/528	Intel Core i3 (11 th Gen or newer), Intel N200/N300, or MediaTek Kompanio 800+
RAM	4 GB	8 GB
Storage (Hard Drive)	64 GB eMMC	128 GB eMMC, UFS, or NVMe SSD
WiFi Standard	802.11ac (WiFi 5)*	802.11ax (WiFi 6)
Screen Size	13" – 14" HD Anti-Glare	14"+ Full HD IPS Anti-Glare
Battery Life	4 hours	8 hours
Auto Update Expiration (AUE)	At least 4 – 5 years remaining	8 – 10 years remaining
Chrome Education Upgrade (CEU)	Compulsory	Compulsory

DISCLAIMER ON MINIMUM VS. RECOMMENDED SPECS

Chromebooks meeting only the minimum specifications (e.g., 4 GB RAM, 64 GB storage, entry-level processors) are budget-friendly options that will fulfil basic daily educational requirements. However, parents should note that minimum-spec devices may experience noticeable performance bottlenecks (such as lag or delayed response) when running resource-intensive applications like Minecraft Education alongside background tools like LightSpeed. Furthermore, minimum-spec models generally have a shorter operational longevity and may need replacement sooner than recommended models as software requirements evolve over the high school years.

- **Please bring the Chromebook to the school for initial setup out of the box.**
- Our preferred partner for Chromebook purchases is the online retailer **Chromebooks for Africa**. Various payment options are available. Please see <https://chromebooks.africa/> for details. Chromebooks may, however, be purchased from any retailer.



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WINDOWS LAPTOPS SPECIFICATIONS

Requirement	Minimum	Recommended (for longevity and performance)
Processor Type	Intel Core i3 or AMD Ryzen 3	Intel Core i5/i7 or AMD Ryzen 5/7
Cores	Dual-core	Quad-core or higher
Clock Speed (Ghz)	1.6Ghz to 2.5Ghz (base speed)	2.5Ghz – 3.5Ghz (base speed)
RAM	8GB	16GB
Hard Drive	250GB HD or 128GB SSD	256GB SSD
WiFi Standard	802.11ac (WiFi 5)*	802.11ax (WiFi 6)
Screen Size	10 – 14 inches	13 inches or above
Battery Life	4 hours	8 hours

USB WiFi Dongles*

Dual band (WiFi 6) USB WiFi dongles can be a cost-effective alternative to the replacement of failing/low-spec wireless network cards with poor connectivity to the HML network