BYOD Technical Specifications

HARDWARE & SOFTWARE REQUIREMENTS AND CONSIDERATIONS FOR BYOD 2026-2027

Bring Your Own Device supports the positive integration of technology into everyday learning, helping students collaborate, create and develop essential digital skills.
In accordance with the Ministry of Education and Higher Education circular, parents are free to choose any device brand and supplier, provided the device meets the school's technical specifications. To ensure compatibility with our Windows-based learning environment, **the operating system must be Windows 11**, and the device must have a **touchscreen, keyboard and stylus**. Devices using other operating systems may have limitations and may not fully meet the requirements. We also recommend a keyboard with **English and Arabic characters**. There is no need to purchase Microsoft Office, as the required applications are provided by the school.

SOFTWARE REQUIREMENTS (PROVIDED BY SCHOOL – FREE OF CHARGE)

Windows 11	**Windows 11 Version 24H2 or above (English)**	We will be offering a Windows license from the school. In case you do not have Windows 11, please contact the ICT Department.
	Microsoft Office Suite	The school will provide an Office 365 account for each student including a **Full Office Suite license (including Outlook, OneDrive, Word, Excel, PowerPoint, OneNote, Teams, and Publisher)**.
TREND MICRO	**Antivirus**	It is essential to have an **antivirus installed on your laptop**. If you don't have it, the school will provide one for you.
Adobe Creative Cloud	**Adobe Creative Cloud**	Students will start familiarizing themselves with Adobe products. We will provide an Adobe Creative Cloud Account and we will be installing different tools throughout the year.

ESSENTIAL CONSIDERATIONS

Protective Casing – Cover or Sleeve
A protective case or sleeve is recommended to help reduce the risk of damage as students carry their devices between learning spaces.

Optional After-Sales Services
Families may consider the warranty, repair support or accidental damage protection offered by their chosen supplier. These services are optional and are not part of the school's technical requirements. The school does not specify any required coverage period, policy or provider.

Device Dimensions
The device must fit safely inside the student locker. The maximum available space in the upper compartment is: Width: 28 cm. Depth: 39 cm.

In the following page, you will find a table outlining the **hardware requirements for Windows 11 devices**. It includes two columns: **Minimum Requirements**, for checking the suitability of an existing device, and **Recommended Configuration**, which provides guidance when purchasing a new device. The recommended specifications offer a good balance of performance, value and support for future software updates and learning applications.

Functional Requirements:

HARDWARE REQUIREMENTS

	Windows Minimum Requirements	Windows Recommended Configuration
Operating System (read previous page) ***OS language has to be English***	**Windows 11 v24H2**	**Windows 11 v25H2**
 Touch Screen Reasonable Size **Around 13" is the ideal size** and it adds great balance between **usability** and **battery life**. Bear in mind the bigger the screen the shorter the battery life.	**Between 12" and 14"** ***Touch Screen*** (***2 in 1*** or **360-device** is required) Pay attention to the **resolution,** at least **Full HD** (1920x1080) is **required.**	
 Processor New **Snapdragon X Elite** processor is more efficient and offers longer battery life..	Intel Core i5 11th Generation or higher	**Snapdragon X Plus or Elite** **Intel Core i5 or i7 13th/14th Generation**
 RAM This memory is the one in charge to keep all the applications running. The more things you need to have open, the more capacity you need. Nowadays, 8GB is the standard configuration.	**8GB RAM** **Very limited**	**16GB RAM** **Or Higher** **(32GB)**
 Storage **SSD** (not HDD) – **A SSD (Solid State Drive)** is less susceptible to failure due to movement and bumps as they are solid and not mechanical. Also, they provide better performance and quick response.	256GB SSD or higher	**512GB SSD** or higher
 Network Wireless Connectivity is key to BYOL devices in schools! Devices must support 802.11 b/g/n/ac(WIFI 5). ax(WIFI 6) and be(WIFI 7) becoming the new standard.	Wi-Fi 802.11 b/g/n/**ac**	**Wi-Fi** 802.11 b/g/n/ac**/ax/be** (**be**-WIFI 7 ideal for future)
 Battery Minimum 7 hours The device should be able to run **at least 7 hours** with a decent level of brightness in the screen.		
 Stylus It should come with the device you are buying (no generic ones). It is **required**. Students need a stylus to write or draw in their OneNote app which is used in all the classes, every day. Without a stylus, the student may struggle with some activities such as solving Math, Physics and Chemistry problems or drawing in their Visual Art Class.		
 Biometrics Fingerprint reader or IR Camera compatible with **Windows Hello**. It is **highly recommended** to secure fast login time.	 Windows Hello	
 Others An **integrated Front Camera** and a **microphone** are required with at least **1 USB-C port charger capable**. **Rear Camera** is highly recommended. Students are required to bring a **headphone everyday** with them in case they need them for activities.		
 Weight Lighter and Compact It should be light and compact to carry it around different classrooms.	Maximum weight 2 kg.	1 to 1.5 kg.