# MYP & DP (Grade 6 to Grade 12)

## HARDWARE & SOFTWARE REQUIREMENTS AND CONSIDERATIONS FOR BYOL 2025-2026

"Bring Your Own Laptop" is a new emerging concept, which is rapidly growing in different environments, both in corporate and educational levels. We strongly believe that this new way of working will be very useful for our students.

**The operating system needs to be Windows 11**. If you already have a macOS device (MacBook), you will be able to use it with several restrictions. Due to the need of a touchscreen and stylus, Apple devices do not meet the requirements. You will not be able to use **Windows Ink** to write equations or sketches in OneNote, Word or Excel, which is required for Math, Physics and Chemistry lessons. Another example, Publisher is not included in Office for macOS version. We are a **Microsoft Showcase School,** and all our systems are based on Microsoft tools, which will not be fully compatible with macOS environment. If you need any further clarification, please contact the ICT department. Any other systems governed by iOS, Android, mobile devices, or **any other type of tablet device (except tablets governed by 11 OS, like the ones recommended in our website)** are excluded. We also recommend that the **keyboard has Arabic characters**. Be reminded that there is **no need to purchase Microsoft Office Suite,** please read below.

## ESSENTIAL CONSIDERATIONS (included in partner offers)

**Protective Casing – Cover or Sleeve**
It is required that all BYOL devices have some form of protective casing. This will minimize the likelihood of damage when students move around the school during classes.

**Warranty**
Make sure you consider purchasing extra warranty to reduce future repair costs as these devices will be used extensively. Extending it to 3 years would be a great value.

**Insurance (also known as ADP - Accidental Damage Protection)**
We know accidents can happen, so we recommend you make sure your policy covers these eventualities. If you are buying a new device, ask the shop if you can add an insurance for the next three years. If you are buying the device outside of Qatar, double check if the insurance is effective worldwide.

**Device Dimensions**
Maximum dimensions (space in locker in superior slot): Width: 28 cm. Depth: 39 cm.

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## SOFTWARE REQUIREMENTS (PROVIDED BY SCHOOL – FREE OF CHARGE)

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|---|---|---|
| Windows 11 | **Windows 11 Version 23H2 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. |

In the following page, you will find a full-page table regarding **Hardware Requirements**. The table has 2 columns, the **minimum requirements** for Windows and the blue column, called **Recommended Configuration,** which is the advisable configuration you should choose in order to buy a new device, bearing in mind it offers good value between price and performance. ***A device with these specifications is expected to work during the next 3 or 4 years. On the other hand, devices covering only the minimum requirements will be facing problems to run new software in less than a year.***

## HARDWARE REQUIREMENTS

| | Windows Minimum Requirements | Windows Recommended Configuration |
|---|---|---|
| **Operating System** (read previous page)<br>***OS language has to be English*** | **Windows 11 v23H2** | **Windows 11 v24H2** |
| **Touch Screen**<br>Reasonable Size<br>**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)<br>Pay attention to the **resolution,** at least **Full HD** (1920x1080) is **required.** | |
| **Processor**<br>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**<br>**Intel Core i5 or i7 13th/14th Generation** |
| **RAM**<br>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**<br>**Very limited** | **16GB RAM**<br>**Or Higher (32GB)** |
| **Storage**<br>**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**<br>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**<br>Minimum 7 hours<br>The device should be able to run **at least 7 hours** with a decent level of brightness in the screen. | | |
| **Stylus**<br>It should come with the device you are buying (no generic ones).<br>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**<br>Fingerprint reader or IR Camera compatible with **Windows Hello**.<br>It is **highly recommended** to secure fast login time. | | |
| **Others**<br>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**<br>Lighter and Compact<br>It should be light and compact to carry it around different classrooms. | Maximum weight 2 kg. | 1 to 1.5 kg. |

**Recommend Form Factor:**

**2 in 1 device with detachable keyboard & stylus**

**360 touchscreen device with stylus**