Erziehungsdepartement des Kantons Basel-Stadt

Mittelschulen und Berufsbildung

► **AKOM – Abteilungskonferenz Mittelschulen**

BYOD: Specifications for IT devices, school year 2021/2022

The following recommendations apply to those schools that have BYOD classes in the school year 2020/2021

1. Buying a new IT device

Components and accessories	Recommendation
Operating system	Windows 10 (<u>not</u> Windows 10 S) or macOS
Screen	Touchscreen compulsory 12 – 15 inches (devices with 15 inches or more are too heavy)
RAM	8 GB or more
Processor	Intel Core i5 or comparable processor from AMD etc.
Hard disk	128 GB SSD or more
Battery operating time	6 hours or more
Keyboard	compulsory
Stylus	active stylus is compulsory
WLAN	compulsory
Bluetooth	compulsory
Headphones	compulsory
Video port	HDMI is compulsory (if necessary with an adaptor)

For working at home, you need an external harddisk of at least 500 GB for backup copies. A docking station for an external screen is highly recommended but it is not compulsory for working at school.

2. Bringing the IT device you already own

Students may bring their existing IT device, even if it lacks stylus recognition. In that case, however, the computer must be supplemented with a graphics tablet (recommended: WACOM Intuos S BT at a cost of about CHF 100.-; Bluetooth is compulsory).

Devices that are tablets only are unsuitable for use at a 'Gymnasium' because programming (which is part of the IT curriculum) is not possible with them. They can, however, be very well used as a supplement to a notebook..

3. Note for Mac users

Notes for Mac users It is of course possible to work with a MacBook (Apple). There may be some restrictions with the Office programs (and also with other software). A graphics tablet must be connected in order to use a pen (recommendation: WACOM Intuos S BT; approx. cost CHF 100).

(please note reverse side)

4. Kosten

At upper secondary level, the canton of Basel-Stadt does not subsidise the purchasing of devices, just as it does not subsidise the purchasing of teaching materials at this level. Therefore, the specifications for IT devices have been kept as low as possible.

5. Sicherheit und Haftung

The antivirus software of any IT device has to be kept up to date for use in class to protect the devices from harmful software and prevent the spreading of so-called malware.

Furthermore, it is the students' responsibility to protect their devices from damage and theft. In the event of damage, the school cannot accept liability. An extended warranty and insurance against theft are recommended for the IT devices..

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