Bring your Own Device (BYOD) Grade 5-13

The Bring Your Own Device (BYOD) program aims to integrate technology into teaching and learning to support the educational mission of our school. All IST students from September 2019, starting in Grade 5, are required to bring a personally-owned computing device to school for educational purposes. Students are expected to bring either a laptop/Macbook or hybrid device – tablet/laptop.

Below are some specifications to support the choice of device.

BASE: Intel i3 processor, 4GB RAM, 256GB SSD hard disk, Intel HD UHD integrated video card

Example devices:
- DELL Vostro 15 series 3000
- ASUS VivoBook X540UA-GQ957T
- HP Pavilion 14-ce1009nl Notebook

MEDIUM: Intel i5 processor, 8GB RAM, 256 or 512 SSD disk, AMD Radeon 530 with 4GB RAM dedicated video card

Example devices:
- DELL Inspiron 15 series 5000
- ASUS VivoBook 15 X542UA-GQ440
- HP 15-dw0093nl Notebook

TOP: Intel i7processor, 16GB RAM, 512 SSD disk, Intel HD UHD integrated video card

Example Devices:
- DELL Latitude 15 series 7000
- ASUS Zenbook 14 UX431FN-AN001T
- HP Pavilion 14-ce2021nl Notebook

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- Surface Pro 6 - 256GB / Intel Core i5 / 8 GB
- Yoga C930 - 256GB / Intel Core i5 / 8 GB
- HP Spectre x360 - 13-ap0001nl Notebook Touch con Tilt Pen Inclusa

MAC (Specifications:- Intel Core i5 dual-core a 1,8GHz (Turbo Boost fino a 2,9GHz) con 3MB di cache L3 condivisa, Unità SSD PCIe da 128GB, 8 GB RAM)

TOP:
- MacBook Air 13

Though we have specified example devices they are of course just suggestions. You may wish to opt for alternatives that are cost effective as long as they meet the technical specifications below and they are capable of running the following operating system and applications.

Operating Systems
Microsoft Operating System-Windows 8 or more recent
MacOSx 10.11.6 El Capitan or newer

Applications
Media Player - VLC Player (Free)
PDF - reader Adobe Reader (Free)
Virus protection - Parent's Choice
Microsoft Office 365 See below (free)
Apple's Productivity
App Pages, Keynote, Numbers, iMovie

Other Subject specific software as required (Minecraft edu, Manageback, Pinnacle, Adobe Photoshop, Paint.net, Scratch)

Software installation, with the exception of software packages distributed by International School of Ticino, is the responsibility of the student/parents/caregivers. Valid licenses are required for all software present on your device. It is recommended that every device brought into the school has the following software installed.

The International School of Ticino, in conjunction with Inspired have negotiated a number of software deals for BYOD devices, which parents can take advantage of.

This includes:

Microsoft Office suite & Microsoft Office 365 for Education
This allows the download of Office at no cost. Instructions to download, install and activate this suite will be done in school using their O365 accounts in September.

Office365 apps
Mail, Calendar, Delve, Video, Sway, Class Notebook, Dynamics 365, Stream and other Power Apps Instructions to download, install and activate these apps will be done in school using their O365 accounts

Adobe Adobe Web premium (no cost to student)
Only available to students with compatible devices. Downloading and installing will be done in school.

We want to empower students to become independent and engaged global learners. Using their own devices, they will learn how to access high quality instruction, develop and maintain a healthy online identity (including social networking), and reduce their environmental footprint (through the use of e-texts and less printing) in preparation for the challenges of college and beyond.

The use of technology in class carries responsibilities and behavioural expectations consistent with school rules and policies. The students in IST from Grade 5 will be expected to use the devices and the school network in a responsible, ethical, and legal manner at all times.

Detailed below are some Frequently asked questions related to BYOD.

If you should have any further questions relating to this matter, please contact the relevant coordinator or Mr. Andrew Ackers on principal@isticino.com.

Mr. Andrew Ackers

Principal

BYOD frequently asked questions (FAQs)

Here are some helpful answers to questions you might have regarding this program

What are the benefits of students bringing personally-owned computing devices to class?

- Fosters student ownership of their own learning
- Students and teachers have real time access to information using personal devices
- Smooth transition between home and school
- Increases student access to online instructional materials
- Allows for personalized learning
- Increases access by supplementing school resources and equipment

How will students use their devices in class?

Students will use their personal devices to complete in-class activities, check grades, collaborate with other students and teachers, complete homework, conduct research, access websites with curriculum-related content, keep track of classroom assignments, record journal entries, and other approved instructional activities.

Will students be expected to use their devices both at school and at home?

Just as with traditional assignments, some assignments may need to be completed at home with their access to our platforms-managebac and Office365.

What devices will be acceptable?

Laptops (Windows, Apple Macbooks, Android, Chromebooks etc), tablets with external
keyboards

What types of devices are excluded? Why?

Smartphones, e-readers (such as Kindle and Nook), and portable gaming devices (such as Nintendo 3DS, Nvidia Shield, and Sony Playstation Vita). Students will need a device with a screen size large enough to read e-texts, create documents (word, spreadsheets, presentations), and complete worksheets and online assessments in a timely manner. At times, some of these functions may need to be performed simultaneously.

What are the required specifications for personally-owned computing devices?

- Wi-Fi capability – students need to be able to connect to the IS Ticino network
- Web browser capability – such as, Safari, Internet Explorer, Google Chrome, Firefox
- Operating System – Windows 7 or 8, Mac OSX or better, Apple iOS 6 or better, Android 4.x
- or better (for tablets)
- Memory
- Hard Drive (laptops) – 500GB or more
- Memory (laptops) 4GB or more Memory (iPads and tablets) – 16 GB or more
- Memory (Chromebooks) 16GB + Google Drive storage
- Battery – recommended extended battery or backup battery if necessary

- Camera
- Microphone
- Earphones
- Keyboard – recommended for iPads and tablets
- Antivirus software strongly recommended

Security

Students assume full responsibility for their personally owned technology devices. This includes the device's safety, security, and maintenance. It is always a good idea to record the device's serial number to have in case of theft. Any time a theft occurs, the student should contact a school administrator to make him/her aware of the offense. Some devices have a device locator; parents and/or students are encouraged to enable this feature. IS Ticino will not be liable for any costs incurred related to the use of personal technology devices, including usage fees, upgrades, damages, and replacements. Students are provided lockers for safekeeping of devices.

How will personally-owned computing devices connect to the internet?

IS Ticino provides a wireless network which students may connect to while using their devices on campus.

Will the device be protected with Internet Content Filtering?

To facilitate instruction and practice internet safety, IS Ticino's internet connection is protected by a content filter that blocks certain websites. In order to comply with the European Children's Internet Protection Act (ECIPA), IS Ticino deploys technology which

blocks abusive, libelous, obscene, offensive, profane, threatening, sexually explicit, pornographic, illegal, or other inappropriate material. While students own the device, the network they are using belongs to the school, so Internet access will be filtered. Please note that devices with cellular data plans do not use IS Ticino's internet connection and therefore do not use the school's content filter. Use of a 3G or 4G service bypasses the security filter so will not be allowed.

Will teachers be responsible for troubleshooting and fixing students' devices?
Teachers are not responsible for getting student devices up and running. Students are to be the experts of their own devices, or they can help one another.

Will there be charging stations available to recharge devices?
Students are responsible for bringing fully charged devices to school. Power connectors will be available in classrooms, and there are also exterior outlets on the floors of the school, all of which will give students the opportunity to grab a quick power charge between classes and during lunch. However, students need to anticipate that they may not have access to a power source when needed and therefore should come to school prepared with a fully charged device.

What should students know about Batteries and Power?
One of the largest concerns with mobile devices is the length of battery life. Students should plan their device usage to enable them to have power to use the device in their last class of the day without plugging the device in during class. There are a number of considerations to keep in mind when planning ahead: Devices have different lengths of batteries.

Most laptops start at 3-4 hours but can be configured up to 8 hours.

There are a variety of charge extenders, extra batteries, portable chargers, etc., that can be used to extend life. Types of activity play a part as well. Activities which involve the creation of multimedia presentations with embedded video, for example, deplete the battery much faster than basic word processing activities

Will students need to have a signed Acceptable Use Policy on file?
Yes. In order for IS Ticino to supervise student use of the computer network and the Internet, the Acceptable Use Policy must be signed by each student in September.

What if a teacher does not allow the device to be used in class?
The teacher has the final say on procedures in the classroom. If he/she asks you to put "DEVICES AWAY" (not to use your technological device), then you are to follow those directions.

Can students' BYOD privileges be revoked?
Yes. If a student is not following the BYOD guidelines for the use of personally owned devices, an administrator can revoke the privilege through the regular discipline process.