



Computing Standards

2020 - 2021

PURPOSE

Oakbrook Preparatory School (“Oakbrook”) strives to enrich the educational opportunities of Students and Faculty by providing a robust connection to Internet resources. Oakbrook provides wireless coverage to all campus facilities where Students and Faculty need to interact with technology and online resources.

Parents are responsible for the individual computing technology used by their Oakbrook Students whether the device is a laptop, tablet or smartphone; the family owns those devices.

From time-to-time Students require Information Technology support from Oakbrook Staff in order to resolve connectivity issues, password resets, application configurations or other technical concerns.

Beginning with the 2019-2020 school year, Oakbrook has provided device purchasing guidance and minimum hardware /operating system requirements to maximize the Student experience while minimizing support burdens of outdated end-user systems. Essentially, Oakbrook must standardize the Student experience in order to provide the best user experience, support and connectivity possible with the available resources.

It is worth noting that some courses (or clubs) offered by Oakbrook may have hardware or software considerations that **exceed** the minimum requirements set forth in this document. Those exceptions may be communicated directly by the Faculty responsible for those courses.

Oakbrook will update and communicate these standards as appropriate in efforts to remain current with classroom requirements, technology offerings and compatibility with internal IT infrastructure.

These *Computing Standards* apply to all authorized users (Students, Faculty, Staff **and** Guests) who attempt to connect to Oakbrook-provided resources.

MINIMUM SYSTEM REQUIREMENTS FOR EXISTING DEVICES

Oakbrook is able to fully support wirelessly connected devices (currently owned and in use by Students) **manufactured** within the past four years with an operating system currently supported by the operating system manufacturer (e.g. Apple/macOS, Microsoft/Windows or Google/Chrome OS.)

Laptops (Macs, PCs or Chromebooks) should have a minimum of 4GB of RAM and 10GB of free (internal) storage space. Laptops must also have an up-to-date antivirus program that is configured to routinely protect the system. (By their nature, Chromebooks are exempt from the antivirus requirements.)

MINIMUM REQUIREMENTS FOR NEWLY PURCHASED DEVICES

The phrase “Newly Purchased” is defined as consumer-grade laptops or tablets *manufactured* in the current calendar year or most recent 24 month period with a manufacturer’s supported Operating System..

There are two categories to consider when evaluating a purchase - Hardware and Software:

Oakbrook has established the following minimum **hardware** requirements for devices Newly Purchased in 2019 and beyond:

- Must be capable of utilizing the 802.11ac Wi-Fi standard (circa 2014)
- Must have a minimum of 8GB of RAM
- Must have 10GB of available internal storage (hard drive or solid state drive)

Minimum **software** requirements for Newly Purchased devices:

- Apple Macintosh computers must support *macOS Catalina* (macOS 10.15) or greater
- Microsoft Windows-based computers must run *Windows 10* or later (no Oakbrook technical support is available for Windows 7, Vista, Windows 8 or earlier)
- iPads must support iOS 13
- Google Chromebooks manufactured in prior 24 month period with a minimum of 4GB RAM
More information is available upon request regarding Chromebooks at Oakbrook
- Laptops must also have an up-to-date antivirus program that is configured to protect the system (Chromebooks are exempt from this requirement.)

At the start of the 2024-2025 school year, it is expected that all devices will **minimally** meet the “Newly Purchased” standards outlined above.

Footnote: Oakbrook’s current wireless network supports up-to the **802.11ac Wave 2** Wi-Fi standard introduced in 2016. Selecting a device with this capability will provide the best possible online experience for at least the next five years.

CLOSING

Oakbrook strives to offer a high level of Information Technology services and support to the School’s Students, Faculty, Staff and Guests. In order to move forward, older systems and software must be transitioned from the environment as those systems have reached an effective end-of-life.

Going forward, Oakbrook will be able to provide guidance for devices that will have long-term support considerations so new device purchases for a Middle School student will be minimally sufficient for that Student through their Oakbrook graduation date.
