



PROVIDENCE

CHRISTIAN ACADEMY

Logic School “Bring Your Own Technology” Program

Introduction

At Providence Christian Academy, technology is used to support, enhance, and enrich teaching and learning both in and out of the classroom. Technology is used to encourage creativity, collaboration, cooperation, and critical thinking.

We acknowledge the important and changing role of technology in our students’ lives. We put an emphasis on responsible and respectful use of technology. We expose students to a wide variety of technologies as appropriate for different grade levels, disciplines, and functions. We foster technological competence that transcends any one application and encourages adaptability and facility in the future technological landscape. Our goals are to inspire innovative thinkers with “nimble” technological skills; produce responsible, literate, and confident digital citizens who are courteous, respectful, and appropriate in their technological communications; teach students to leverage technology effectively for research and to evaluate information critically for validity and quality; encourage and enable collaboration and communication among students and among students and faculty; and create students who can utilize technology as a learning platform and as a tool for design, production, problem-solving, presentation, and collaboration.

The PCA technology program utilizes Google’s G Suite for Education to extend classroom technology to any device. Via G Suite, students can access their PCA Google account for email, documents, spreadsheets, and other resources. Google Classroom provides collaboration opportunities for faculty and students.

PCA will implement a new “Bring Your Own Technology” (BYOT) program for Logic School students in the 2020-2021 school year. Logic School students will be responsible for providing their own devices, compatible with G Suite for school.

This document will provide details for minimum specifications required for BYOT devices.

Google Chromebook

The minimum hardware requirement for a Logic School student is a computer that can run the Google Chrome browser. For many students, the most cost-effective way to meet that requirement is a Google Chromebook.

A wide variety of Chromebooks are available with a range of price points. PCA requirements are minimal, and families will find multiple reasonably priced models. Chromebooks operate efficiently, and it is not necessary to purchase expensive devices. However, it may be worth

spending a little bit more on a “ruggedized” model. Ruggedized systems are more capable of withstanding the daily wear-and-tear of being carried to and from classes. We have included a ruggedized model in the suggested systems below.

Minimum Hardware Requirements ---

- 11” display
- 4GB Ram
- 32GB eMMC storage
- Built in camera/webcam
- 802.11ac Wi-fi is recommended. 802.11g is a minimum
- Minimum 5 hours battery life.
- Support for Android is not required but is recommended.
- Ruggedized models are recommended.

Models in the Chromebook class change frequently. Some appropriate models available at the time of this writing are:

- Lenovo 100e Chromebook 2nd Gen 11.6 inch Ruggedized - \$265.99 at [Amazon](#)
- Samsung Chromebook 4 with Intel N4000 - \$259.99 at [Amazon](#)
- Dell 11.6" Chromebook with Intel N4020 - \$399.99 at [Amazon](#)

Windows or MacOS laptops are acceptable, but generally have a higher purchase cost. The following system specifications are recommended:

- Current antivirus software installed and enabled.
- The Google Chrome browser must be installed and operable.
- Minimum 8GB Ram is recommended.
- Minimum 128GB hard disk/SSD is recommended.
- 802.11ac Wi-Fi is recommended. 802.11g is a minimum.

Apple iPads are not sufficient for classroom requirements.

Expectations for Student BYOT Devices ---

Technology can be used to enhance classroom instruction and student learning. Students are expected to have their devices available every day. Technology use during instructional time is at the discretion of the classroom teacher. Devices must be charged and ready for use.

Support for BYOT Devices ---

It is the responsibility of the student and his or her family to ensure that their device(s) are in working order. PCA faculty or staff may assist a student in connecting to the school network. However, troubleshooting student-owned devices will be limited to an initial assessment to help provide direction to the student in resolving the issues. Direction may include a recommendation of local repair shops. PCA employees will not attempt a repair of student hardware or software.