



SIGNATURE PREPARATORY

Technology Strategic Plan

Introduction

The Technology Plan for Signature Preparatory Academy (SPA) is based on the professional opinion of the IT Director, with input from stakeholders. This plan is continually updated after receiving feedback from teachers, students, parents and administrators.

Goals

1. Provide our students with the best technology to enhance their learning process.
2. Optimize our systems to improve cyber security.
3. Support our teachers to learn the new technology being presented and advocate for collaboration inside and outside the classroom.
4. Make learning resources available from anywhere and any device.

Specifications

Hardware

SP currently runs a hybrid environment of Chromebooks and Windows computers to reach a 1:1 student to computer ratio. Chromebooks are protected by the leading web filtering cloud software to ensure that the school and students are accountable for these devices to be used as an educational tool and not distraction. These devices are granted access to our secured network by cloud managed Aerohive switches and access points. The access points are strategically distributed at 1:1 classroom to access point ratio which will allow scalability for more devices for years to come. The network is secured by a Sophos XG Firewall, a Gartner Magic Quadrant Leader. Casio LampFree projectors will be available in every classroom along with a document camera.

Software

SP is a GSuite for Education school; GSuite provides cloud access to email, document sharing and classroom management tools available on any type of device. Every student and staff member is provided a signatureprep.org account unique to each individual that will follow them for the duration of their time at SP. These accounts and the information they contain will be protected by BetterCloud's platform to ensure the information does not end up in the wrong hands.

Supplies/Equip-Info Tech Related- Classroom	100	000	100	1000	0652	66,593.00
Supplies/Equipment- Non IT Supplies of Higher Value	100	000	100	2410	0652	3,067.00
Supplies/Equip-Info Tech- Central	100	000	100	2580	0652	322.00
Supplies/Equip-Info Tech	280	741	100	1000	0652	18,000.00
Supplies/Equip-Info Tech	280	742	100	1000	0652	90,600.00