

5 Year Technology Plan

Orangeburg Prep

2014 - 2019

Orangeburg Prep is committed to providing students, teachers, staff and administration with the most advanced technology tools necessary to educate our students and assist in our mission statement:

“Orangeburg Prep Schools, Inc. seeks to provide a quality education which prepares students to meet the academic demands of college and to lead productive and fulfilling lives in a complex world.”

Advanced technology tools include providing leading edge equipment, following trends and practices to maintain that edge, maintaining and replacing our equipment to maintain acceptable modern standards, and providing our students with the tools they need for the next level.

This plan introduces several programs to accomplish these goals. These programs include a **Teacher Laptop Upgrade Program, SmartBoard Mounting Program, Projection Improvement Program, Wireless Technology Program, a Student Tablet Program, a Document Camera Program, a Library Software Upgrade, a Student Response Clicker Program, Computer Lab Upgrade Program, Teacher Education Program**, as well as **Annual Maintenance**, renewals, assistive technologies for special needs teachers and one-time cost technology enhancements.

A technology committee was formed to assist administration with a more in depth view of what works in classroom instruction and what doesn't. Some of the thoughts and ideas shared by teachers were:

- 1) Teachers need reliable laptops with which to plan instruction and communicate with parents.
- 2) All Smartboards and projectors need to be mounted.
- 3) All teachers and classrooms need to have a way to project material for their students.
- 4) Teachers need access to reliable, school-wide Wi-Fi
- 5) Teachers would like access to class sets of tablets available to check out.
- 6) Teachers prefer document cameras in place of the old style overhead projector
- 7) Library software on both campuses is outdated and unreliable.
- 8) Computer labs should be equipped with updated computers.

Teacher Laptop Upgrade Program

Teacher laptops are out of date and don't work properly. Each classroom teacher should receive a new laptop on which to plan instruction, present information to their students, and communicate with parents and peers.

SmartBoard Mounting Program

SmartBoards and projectors on carts pose a hazard to student and teacher well-being and make utilizing the technology more difficult. All projectors should be mounted from the ceiling, and all boards should be mounted to the wall.

Projection Improvement Program

Teachers without current projection options (SmartBoard or projector and screen) should have televisions installed in their classrooms. These can be connected to their laptops to display presentations and educational sites, videos, blogs, or articles.

Expanded Wireless Program

Installing, upgrading and maintaining our wireless network has become even more important as we bring more wireless devices on to the network.

This plan calls for one time up front money to install wireless at both campuses, replace the existing outdated wireless technology on both campuses and review and upgrade the wireless network in subsequent years.

Library Software Upgrade

The software in libraries on both campuses often crashes, leaving students unable to check out books. Improvements to the library servers as well as software upgrades should be completed to assist with this problem.

Library Hardware Upgrade

The Upper Campus has 12 computers for the students to use for research purposes. The computers are approaching the end of their useful lives and need to be replaced with more current technology.

Document Camera Program

Teachers would like a way to project material to their class easily and so that all students can see. Document cameras, connected to projectors or televisions and laptops would assist teachers in presenting information to students in different ways.

Computer Lab Upgrade Program

The Upper Campus computer lab contains equipment that is well past its useful life and needs to be upgraded.

Student Tablet Program

Class sets of student tablets will be provided for teachers who feel comfortable with them and who will act as mentors for fellow teachers in upcoming years. The class sets will then become teacher tablets as student tablets become 1:1.

Streaming Video Program

Streaming of live video is an excellent way of expanding the digital footprint of Orangeburg Prep. This program will utilize video cameras and a mobile WiFi hotspot to record and upload live video feeds of Orangeburg Prep school events such as sporting events. An official YouTube account will be created and maintained for replay of these videos.

Intercom Upgrade Program

The Intercom system used at both schools is in need of upgrading or replacing.

Teacher Education Program

Teachers should have access to continual technology education. This could include sessions led by peers or administrators, as well as those provided through outside sources.

Annual Maintenance

Having and utilizing technology also means maintaining the technology to get the most use out of it and the longest life possible. Projector bulbs and print cartridges are two of the most consumable items we currently have. Many printers have also become a consumable item where it is less expensive to buy a new printer than it is to purchase toner cartridges and drums for the printers.

This plan calls for an annual maintenance budget to properly maintain our equipment to get maximum use out of it.

Year One – 2014-2015

Teacher Laptop Upgrade Program
SmartBoard Mounting Program
Projection Improvement Program
Teacher Education Program
Annual Maintenance

Year Two – 2015 – 2016

Wireless Technology Upgrade
Library Software Upgrade Program (Lower Campus)
Document Camera Program (Year 1)
Intercom Upgrade Program
Computer Lab Upgrade Program (Upper Campus)
Tablet Class Sets (Year 1)
Library Software Upgrade Program (Upper Campus)
Library Hardware Upgrade (Upper Campus)

Teacher Education Program
Annual Maintenance

Year Three – 2016 – 2017

Document Camera Program (Year 2)

Streaming Video Program

Tablet Program (Year 2- teachers get the tablets purchased as class sets last year and student tablets are 1:1)

Teacher Education Program
Annual Maintenance

Year Four – 2017 – 2018

Computer Lab Upgrade Program (Lower Campus)

Teacher Education Program
Annual Maintenance

Year Five – 2018 – 2019

Teacher Education Program
Annual Maintenance

Funding Sources

To pay for this plan, we will utilize the following sources:

- 1) Funds raised by the ATP Gala each year
- 2) Applying for technology grants
- 3) OPS Annual fund