

Community Preparatory School Technology Plan '06 – '09

Community Preparatory School
Technology Plan
Revision B
September 2006 - September 2009
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School Statistics

- Independent middle school, grades three through eight
- Located in South Providence, Rhode Island
- Vital education institution for the neighborhood
- Serves approximately 150 students
- Founded in 1983

Mission Statement

While serving students from across Rhode Island, Community Preparatory School's primary commitment is to minority and low-income students from Providence. The school's goal is to help its students succeed in college preparatory high school programs and to become community leaders. Moreover, the school is committed to developing and sharing its vision, programs, and resources with the local neighborhood and with the broader educational community. Community Preparatory School:

- Challenges students to become confident, independent learners.
- Encourages respect for the cultural and ethnic identities of its multicultural and economically diverse student body.
- Develops a strong sense of public service in students.
- Engages parents, students and teachers in goal setting and planning to ensure academic and social success for each student.
- Provides equipment, staff, network and software to insure that each student and staff obtains a well-integrated program incorporating learning with computers.

Vision Statement

The use of computers throughout the school is an important part of the education of each student. With the addition of a full time technology coordinator, the school will be more involved in integrating technology into the curriculum. Students will be trained on computer standards by grade. It is also our hope to train staff on the use of our systems both in-house and with professional help. The skills acquired will be essential in the development of the well-rounded student for success in the future. By using technology as a tool, teachers and

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staff will become more effective at managing and creating a dynamic, compelling and adaptive learning family.

To insure that the integration of technology is successful, the administration, staff and technology coordinator will work together to assess how the integration is planned, funded, supported and applied.

Statement of Past Conditions

- 2000:

- Network in only part of the school
- The school has a part time technology staff.
- 10 Power Macs are purchased to help supplement the older computers and sent to the classrooms. These have CD-ROMs, larger storage capacity and faster processors.
- Corporation donates older computers, and the school's first Lab is created. Slow Internet access. Primary purpose is word processing.
- Student training is done in new lab and in classrooms with a few students on each computer.
- New server is purchased; students' section is created to accommodate their work.
- Two grants are awarded and the school purchases 43 iMac computers, a laptop and projector for the teacher, tables, cabling, hubs and two printers and two new iMacs for each classroom. A new up-to-date lab is born with Internet access, and each computer is networked to the server. Every classroom now has four computers, and the new lab has 20 computers.
- The lab's computers also have Internet access and are networked to the server. The computers come with educational software from Apple.

2001-2005:

- The school has a full-time technology coordinator.
- Formal classes are held in the new lab teaching a variety of software for math, English, reading, algebra and creative writing.
- After school classes teaching computer skills, robotics, iMovie and web design are held in the lab.
- The lab is used by the Creative Arts Department to do 8th grade projects including making music videos and desktop publishing the yearbook.
- Scanner is purchased for the lab to teach students the use of the scanner in documents and projects.
- T1 line is installed for internet access, with filtering.
- Computer proficiency standards for each grade level are created.
- Mobile lab with 20 iBooks is purchased with grant money.
- Wireless Internet access installed throughout the campus.

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2006-2007 Goals

- Implement internet-based keyboarding applications for teaching grades 3 through 6 keyboarding.
- Implement internet-based math and reading applications for grades 6 through 8.
- Integrate the use of computers and various applications into the classroom. This will require the use of the mobile lab, which will require upgrading to allow for file sharing and collaboration.
- Offer grades 7 and 8 classes in non-standard software applications such as 3-D modeling, programming and logic.
- Develop use of the mobile laptop lab to enable teachers to incorporate technology into in-classroom projects.
- Refocus the availability of after school computer classes for parent/student.
- Offer professional development classes for teachers on how to use and incorporate computers and specific software into their classroom activities.

Long Term Goals

- Implement internet-based math and reading applications for grades 3 thru 8.
- Upgrade computers as needed to keep up with progressing technologies.
- Upgrade/replace the server for improved connectivity and security, allowing for continued improvements with respect to class-wide and school-wide collaboration.
- Continue professional development efforts to teach staff best practices for integrating technology in day-to-day class projects.

Plan for Monitoring

- The administration and the technology coordinator will meet twice per year to assess the condition of the technology plan.
- Assess the progress of staff development with regard to faculty and student computer literacy.
- Assess the degree to which technology has been integrated into normal classroom teaching.
- Assess the need for upgrading of computers and other hardware.

Acceptable Use of Technology

- Attached to this plan is our current use policy for the school. Each student signs a copy of this policy at the beginning of the school year.