

# Strategic Technology Plan 2012-2016

## Year 1 (2012-13 School Year)

1. Improve the school's infrastructure to support 1:1 devices (Summer 2012)
2. Begin professional development for faculty (Summer 2012)
3. Refine the current acceptable use policy to include laptops owned by the school.
4. Start pilot project for 12th grade
  - Each student will receive laptop computer (Apple MacBook Air) with Microsoft Office pre-installed
  - Teachers will utilize e-textbooks developed from their syllabi and reduce the use of the paper text for their classes. They will also reduce the amount of paper used through the use of technology such as email, learning management systems, cloud storage and other emerging technologies.
  - Twelfth grade teachers will utilize internet resources to augment their current syllabi to allow for the different learning styles in each classroom.
  - Each student will be required to complete both group and individual projects for a portfolio that will eventually become part of the college admission process.

## Year 2 (2013-2014 School Year)

1. Require students in grades 10-12 to have an Apple laptop computer meeting minimal specifications. Students may purchase their own computer or rent a device from the school. Rental for the devices would be \$250 per year and include Apple Care, Insurance and Software.
2. Implement \$50 Technology Fee to include all grades. The fee will be used to improve and maintain school infrastructure, as well as purchase devices.

3. Begin purchasing iPad Carts and iPads for all elementary classrooms. The ultimate goal will be to have an iPad cart in each room with enough iPads for each student.
4. Look to use eTextbooks in lieu of traditional texts. In classes where traditional texts are used, teachers will move more and more of the class material to the cloud where it can be retrieved from any computer. In classes where eTexts are used a traditional set will remain for classroom use.
5. Begin Professional Development for all staff to incorporate technology into regular instruction looking for way to enhance learning and differentiate instruction across all learning modalities: *visual* (seeing), *auditory* (hearing), *kinesthetic* (moving), and *tactile* (touching).
6. Work with Parents Club to purchase additional iPad carts for Elementary with the goal of one cart per grade working toward a goal of one per room.

### **Year 3 (2014-2015 School Year)**

1. Require 9<sup>th</sup> grade students to have an Apple laptop.
2. There would be at least one iPad cart per grade in K-4
3. Grades 5-6 would receive either Chromebook or MacBook carts (one for each classroom)
4. Grades 7-8 would have access to MacBook carts (One per grade)
5. Professional Development would continue for all faculty on utilizing the use of technology in their instructional day.
6. Computer labs would be phased out.
7. Traditional textbooks (in grades 7-12) would begin to be phased out for every student and instead one set would be in each classroom should the need arise.

## **Year 4 (2015-2016 School Year)**

### **Final Implementation Phase of Strategic Plan**

1. All elementary classrooms would have an iPad for each student
2. Students in grades 5-6 would have either a MacBook cart or a Chromebook cart in each classroom.
3. Students in grades 7-8 would have a Macbook Cart available for each 7-8 classroom.
4. Professional Development would continue for all faculty on utilizing the use of technology in their instructional day.
5. As time and funds permit, hire a technology integration specialist to work with teachers on integrating technology into classroom instruction as well as maintain school infrastructure and network.