

MINUTES
TECHNOLOGY TASK FORCE
One-to-One Governance and Instructional Integration Subcommittee

DATE: June 14, 2011
TIME: 10:00 AM
PLACE: WW02

MEMBERS: Chairman Reed DeMordaunt, Vice-Chair Brian Duncan, Greg Cheetham (for Eileen Lento), Bob Nonini, Salvatore Lorenzen, Christine Donnell, Christopher Campbell, Bicker Therien

Chairman DeMordaunt set the timeline of November to complete the subcommittee priorities. The subcommittee will each email 5 questions that they feel should be included in the survey to teachers by Tuesday, June 21st.

Renee Sinclair, Apple Inc., presented various technological programs and devices that are being used in schools around the country. Ms. Sinclair discussed the benefits schools are having, including increased attendance, higher math and reading scores and more student engagement.

Ms. Sinclair discussed a study done of Maine's 1:1 program and explained that there are four levels of integration that can occur: substitution (where technology substitutes something else), augmentation (substitution + productivity, such as a device being used for a word processor and a calculator), modification (technology is used productively but the only benefactor is the student using technology to create a produce) and redefinition (students have and use technology and projects/lessons are available for other students and teachers to use.)

Ms. Sinclair addressed the Committee's concerns from yesterday. Regarding the debate between laptop and handheld device, Ms. Sinclair explained that laptops have greater flash capability, but that smaller devices are constantly improving and will eventually be comparable. Regarding keyboards, Ms. Sinclair stated that students are very comfortable with touch screens but keyboards may be needed for longer writing assignments.

Ms. Sinclair stated that tablets seem to be the "wave of the future," with some colleges issuing a tablet to all incoming freshman, and many textbook companies are working to adapt curriculum to be more interactive and available via mobile device. Ms. Sinclair addressed the concern regarding governance, stating that districts have policies already in place that can be adapted to include mobile devices, such as rules regarding bullying adapted to include cyber bullying, or policies regarding taking school property off campus to include mobile devices. Regarding professional development, Ms. Sinclair recommends that teachers more apt in technology become mentors for

teachers who need extra help using devices or incorporating technology into their lesson plans.

Discussing maintenance, Ms. Sinclair explained that many companies offer professional development and maintenance as part of a purchase order; however some schools have created a technology class for students, in which they help with the day to day maintenance of the school's technological devices.

Ms. Sinclair mentioned that the Committee will need to decide the expected time life of the new devices before determining if they would like to lease or purchase, and before deciding to allow students to keep or buy devices upon graduating. Also, regarding the issue of allowing students to take devices home, storage needs to be considered, should devices remain in the classrooms at all times.

There being no further business to come before the Committee, the meeting was adjourned at 11:00 am.