

EXHIBIT 6

FACILITIES FUTURES TEAM

Projected Mariemont Technology Needs

Trend #1 – Education will become more individualized.

Instructional Implications:

- Need for enterprise-wide management system to make data-driven decisions about students and instruction.
- Digital portfolios that follow students.

Facilities Implications:

- One-to-one computing and all that goes with it—power, connectivity, lighting, etc.
- Spaces need to be flexible to accommodate whole group instruction and small group or individual breakout sessions.
- Spaces needed for students to take more individualized courses in a variety of settings (grades 9-12 primarily).

Trend #2 – Research is changing; the media center will change

Instructional Implications:

- Teaching how to think, analyze, construct...not as much about locating as evaluating.
- Library staff as CIOs--Chief Information Officers of school.

Facilities Implications:

- Media center as learning lab/innovation lab.
- Space needs to be conducive to small group collaborations, large group collaborations, individual learning.
- Provide space and tools for collaborations--distance learning equipment, video/audio production labs
- Internet access needs to be at students' fingertips and design centers need to be central in the school.

Trend #3 – 24/7/365 global access to curriculum and resources

Instructional Implications:

- We have to allow access to the resources necessary for the students to do the research needed.
- We need to re-think the controls we have on certain types of resources in order to expand the curriculum students encounter.

Facilities Implications :

- Partnership between district and villages for connectivity. Explore the reality of this...is it realistic? Research current models where it's happening. Based on business models...do

need to worry about this? South Korea, India, etc. are moving ahead of U.S. in connectivity. Unthinkable 20 years ago.

Trend #4 – Collaboration and Critical Thinking become all the more vital.

Instructional Implications :

- More project-based learning.
- More collaborations with students/people outside the school.
- Collaboration with students and teachers beyond our physical community.

Facilities Implications :

- Classrooms that connect to a large extended learning space for individual and group learning and shared resources.
- Infrastructure Issue—Sound/Audio. Centralized? Seamless. Recording abilities. Communication via web. ADA compliance...are we meeting the state standards?

Trend #5 – Platform (laptop, desktop, handheld, etc.) will be smaller, more portable and must be flexible

Instructional Implications :

- Teachers need to be able to use the full potential of handhelds, iPods, and laptops.
- Students need to be online as much as possible during their school day.

Facilities Implications:

- Virtualization/Thin Client solutions costing less in power, time, space.
- How to balance needs of the next 5-10 years with the needs of the next 10-10 years. Will technology improve fast enough to limp along on the current power infrastructure?
- Access panels, false floors/walls/ceilings so you have flexibility and access. Portable walls for flexible sized classrooms!
- Brainstorm--P&G model--all walls are screens
- Emergency plan. School/learning now relies on connectivity