Level up the Tech

@ Gibbons

Our Challenge

Our Response 2013-2014

- Strategic Planning Committee
  - Site visits
  - Visioning
  - Preliminary planning
- Purchased iPads for Mill Pond teachers
- Purchased Chromebook carts for Gibbons
- Purchased Chromebook carts for WHS

Our Response 2014-2015

- Established School Technology Councils
- Presented district needs to School Committee
- Many meetings with stakeholders
- Visioning exercises
- Pilots and proof of concept projects
- More planning

Our Learning Technology Vision
(adapted from work by the strategic committee)

We understand that the teacher-student relationship is central to creating and maintaining an effective learning environment and that students need experienced teachers to guide them in their development of the knowledge and skills they'll need to "learn effectively and live productively in an increasingly global and digital world. (ISTE)"

We envision technology will be used as a dynamic tool that will enhance teaching and learning as we prepare our students to be continuous learners and innovative, knowledgeable, and contributing members in the world community.

Technology needs to be functional and available when and where it's needed in order to properly and effectively support and enhance critical thinking, creativity, collaboration, and communication for all stakeholders in the learning environment.

Our Mission

The profound influence of information technology on how we live, learn, and work, makes it imperative that the Westborough Public Schools ensure that all students are taught to effectively use technology to learn, research, communicate, and collaborate.

Why are we going 1:1 in grades 4-12?

The large array of rich learning opportunities that become available when each student has dedicated access cannot be ignored

Guiding principles

- This is a learning journey, a growth mindset is required
- Change is opportunity
- Ambiguity is a given
- Commitment and support from the community as we learn together and move the district forward

Things in progress

- Policy updates (liability, acceptable use, etc.)
- Faculty planning sessions
- Parent info sessions
- Program website
- PD planning
- Digital citizenship planning
- Increasing support capacity
- Improving infrastructure
- Getting devices to teachers
- Team of teachers visiting 1:1 districts

Program Goal

From preschool through high school, students will use a variety of technologies as part of a larger array of developmentally appropriate learning tools that help them organize, make, communicate, demonstrate, collaborate, connect, and construct.

Student outcomes

When students graduate from high school they should be able to:

- Choose technology tools effectively and use them productively to accomplish their academic and personal goals
- Act appropriately and effectively in digital and online contexts

According to our values, Westborough 1:1 is about:

- enhancing connections within classrooms, teams, grades, schools, community, and the world

- enhancing our curriculum and expectations

- learning by questioning, exploring, doing, and reflecting

- increasing equity

- reducing barriers to how students take in information, demonstrate their learning, communicate, and collaborate

- students learning with technology from teachers and peers

According to our values, Westborough 1:1 is **not** about:

- doing everything on a screen
- just going paperless
- just adopting digital textbooks
- just learning tech skills
- just being able to do computer based PARCC testing
- jumping on a bandwagon

Overview of next two years

- PK-3rd: additional 120 devices per school
- 4th-6th: 1 district iPad per student
- 7th-9th: 1 district device per student
- 10th-12th: students brings their own primary device
- All teachers >= 0.5 FTE have a district laptop
- A variety of complementary devices available in each school

Our plan for 2015-2016

- PK-3: 2 new carts of 30 iPads for each school
- 4th-5th: 1 district iPad cart per team (1:4)
- 6th: 1 district iPad for each student
- 7th: uses this year's 8th grade carts
- 8th: 1 district device for each student
- 9th-12th: 8 new carts of 30 chromebooks, pilot BYOD in several classrooms
- Teacher laptops: go from 40% to as close to 100% as resources will allow

Our plan for 2016-2017

- PK-3rd: 2 new carts of 30 iPads for each school (this and every year)
- 4th-6th: 1 district iPad for each student
- 7th-9th: 1 district device for each student
- 10th-12th: students bring their own devices
- Teacher laptops: go to 100%

Our plan for teacher training

A diverse array of offerings:

- District course offerings
- Study groups
- Teacher led workshops
- Faculty meetings & team time
- Professional Development days (Early release + extended)
- Outside offerings

FAQs - http://tinyurl.com/wps1to1faq

Feedback

- Questions
- Comments
- Concerns