Technology Update

Pleasantdale School District 107

Pleasantdale Technology (Past)

- Abundance of hardware
 - Infusion of devices 4 years ago
- Teaching staff dedicated to use of instructional technology
- Wireless access
- Interactive tools
 - Promethean Boards
 - Elmo Projectors



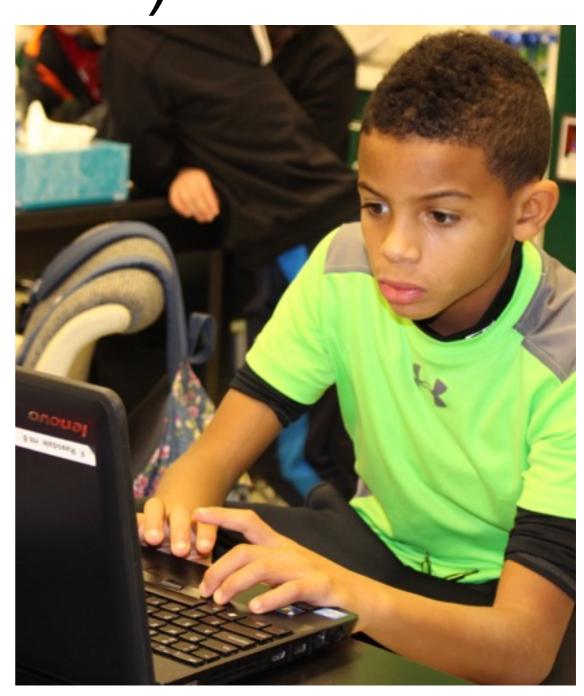
Pleasantdale Technology (Past)

- Desire for increased software to complement the hardware
- Need for training and coordinated professional development
- Aging infrastructure
- Need for anytime/anywhere connectivity



Pleasantdale Technology (Present)

- Two Technology Pilots
 - Google Apps for Education
 - MacBook



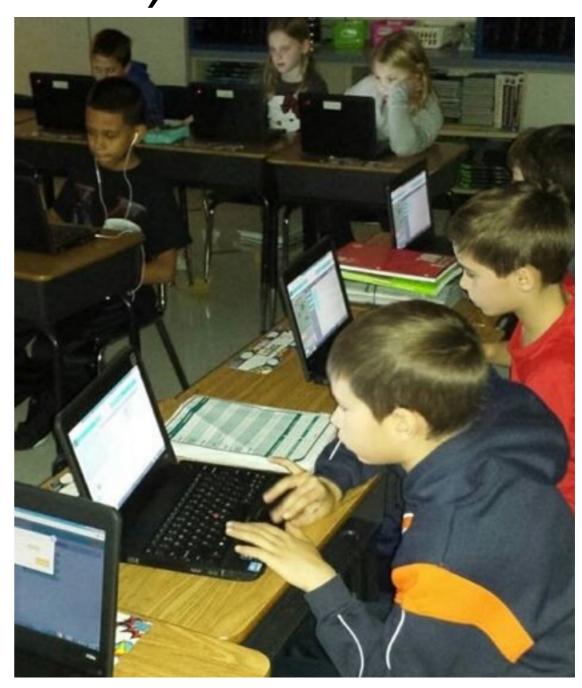
Pleasantdale Technology (Present)

- Infrastructure Review
 - Third party audit
 - Inventory of infrastructure hardware (switches, controllers, access points)
- Review/Inventory of existing mobile technology
 - Replacement Cycles
 - Infusion of Chromebooks



Pleasantdale Technology (Present)

- Collecting Data
 - BrightBytes Survey
 - Parent Focus Groups
 - Student Focus Groups
- Building Partnerships/Planning
 - Technology Advisory Team



Pleasantdale Technology (Future)

The 4 C's

Critical Thinking

Communication

Collaboration

Creativity



Pleasantdale Technology (Future)

- Pilot 1:1 devices
 - iPads
 - Chromebooks
- Utilize a Learning Management System (LMS)
- Continue to refine our use of cloud based tools (Google Apps for Education)



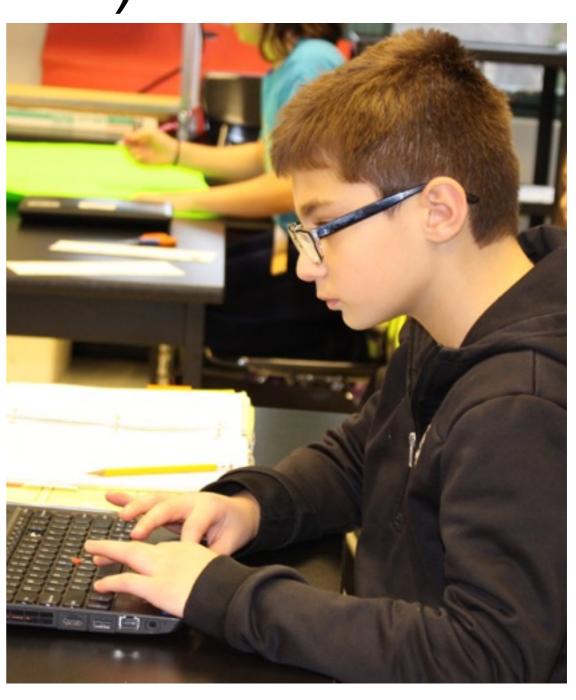
Pleasantdale Technology (Future)

- Create a sustainable funding structure
 - Technology budget (5 year planning)
- Replacement cycles
- Use policies/procedures and best practices



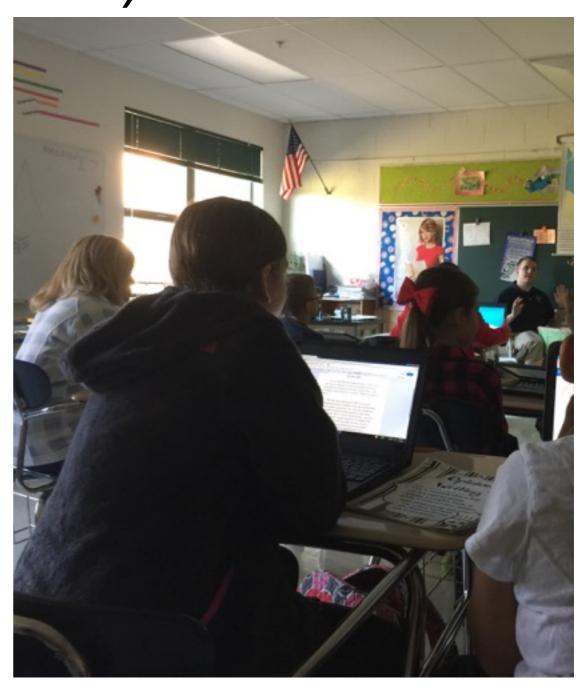
Pleasantdale Technology (Future)

- Professional Development
 - Dedicated time in/out of school day
 - Site visits
 - Teachers-teaching-Teachers
 - Workshops/experts



Pleasantdale Technology (Future)

- Continue to collect data
 - 4th/5th grade student and parent focus groups
 - BrightBytes Survey
 - Teacher feedback
 - Technology Advisory Team



Professional Development Professional Development Open •GAFE GAFE for all pilot in 4th and teachers/students 5th grades Pilot 1:1 devices at 4th Open web-based software grade and 5th grade programs for all teachers Implement infrastructure Investigate Learning improvement plan Management Systems Begin device replacement cycle Create a technology inventory Propose funding structure for systemwide Perform an infrastructure audit on all ■ 1:1 program buildings Plan for tech/instructional support • Create a hardware replacement cycle If 1:1 pilot is successful... Phase devices into Kindergarten, 1st, and 2nd grades Select device for a systemwide rollout Phase devices into 7th grade and 8th Communicate and implement a grade (year 5) sustainable funding structure for a 1:1 program Investigate buy back program for aging devices Phase in devices in 3rd and 6th grades Complete infrastructure improvements Tools Provide teachers instructional Professional Development technology support Evaluate the effectiveness of the program Provide appropriate tech support for devices



Questions/Comments