

Wallingford Public Schools 2011-2016 Strategic Plan

Date: June 2015

Strategic Plan Area: Technology

UPDATE

Belief: Technology is an essential part of school and life in the 21st Century.

Goal # 1: Improve student academic achievement through the integration of technology throughout the K-12 curriculum.

Objective: Embed technology into district curriculum documents.

Actions: (found in the strategic plan)	Update: (Steps Taken since last update)	Proposed Changes or Next Steps
Formally adopt International Society for Technology in Education (ISTE) standards for students, teachers, and administrators	The Board of Education has approved Grades 3-5 already.	Continue to approve and adopt ISTE standards. Extend timeline to fall 2017.
Implement ISTE standards for students, teachers, and administrators	Grade 3-5 Implementation began 2014-15.	Continue to approve and adopt ISTE standards.
Using technology to make curriculum available, accessible, and live	Much progress has been made as departments have transitioned to creating a google site for easy access to curriculum documents and resources.	Continue to use Google for easy access for teachers.
Develop district technology assessments for students in grades 5, 8, and 10.	Not yet started	
Align K-12 technology and library media curriculum Implement technology and research standards in ELA and Math Common Core State Standards (CCSS)	Initial meeting occurred - standards were divided between technology and library media.	Continue to work meet and implement.
Purchase and implement a CCMS (content management system)	Throughout the year teachers have trialed different offerings including Google Classroom, Schoology, and Edmodo. Response different depending on individual preferences. Google Classroom is the most popular.	Continue to review software for this purpose including Google Classroom which was just released this year.

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Actions: (found in the strategic plan)	Update: (Steps Taken since last update)	Proposed Changes or Next Steps
Resource identification and awareness for students	Not yet started	
Clarify and align technology assessment tools	Not yet started	Extend due date.
Create a list/database of assistive technology tools	A spreadsheet of the tools has been created by the IT Department. The IT Director is working closely with the Special Education Staff as equipment/software is purchased.	Continue to work closely between IT and Special Education
Full implementation/ expansion of the use of Google Apps for Education	Additional chromebooks have been purchased and distributed throughout the district. These devices were used successfully for the SBAC testing and have been used continuously for regular classroom use. The transition to Google Mail is scheduled for summer 2015. teachers went through Google Certified Educator training at each building.	Continue exploring available options for devices that work in conjunction with the Google Apps for Education domain. Convert Exchange mail to Google and switch to new domain (Wallingfordschools.org)

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Goal # 2: Ensure that all faculty members and staff are proficient in the use of integration of existing technology and ongoing professional development activities in emerging technologies are provided.

Objective: Provide adequate professional development for staff in emerging technologies.

Actions: (found in the strategic plan)	Update: (Steps Taken since last update)	Proposed Changes or Next Steps
Devote a percentage of professional development to district-wide technology professional development	There was a technology night for parents and community members on March 12, 2015. A variety of technology topics were presented by teachers, principals, and staff members. Nearly 60 people attended the event. Highlights included multiple presentations by students and administrator involvement. Teacher PD already schedule	Continue to look for opportunities to connect school and community in the area of technology. Google training scheduled for summer and August 2015.
Create a functioning PLC (professional learning community) model- department/ grade level Explore and Develop EdCamp/"Playground" models for Professional Development	Not yet started	
Full implementation/ expansion of the use of Google Apps for Education	Continuous training for staff and students on the use of Google Apps for Education. Training was provided at both Central Office and the schools. A teacher was trained at each site to be a Google Certified Educator.	Continued support and training for staff and students
Bloomboard/TEVAL training and support provided	Not yet started	
Alignment of parent communication tools- as in how we disseminate information	A new bid spec was developed and will be sent out Spring 2015.	Train and Implement parent communication tool with one consistent tool at all schools.

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Goal # 3: Ensure that all K-12 educational institutions have the capacity, infrastructure, staffing, and equipment to meet instructional and business needs for effective and efficient operations and communications.

Objective: Provide sufficient resources for instructional technology use and integration.

Actions: (found in the strategic plan)	Update: (Steps Taken since last update)	Proposed Changes or Next Steps
Add technology administrators- K-5, 6-12	Not yet started.	Budget for Fall of 2017
Change service delivery model to allow information technology teachers and library media specialists to integrate technology	Not yet started.	
Establish a plan for student technology changes, such as 1:1 or BYOD. including district recommendations about specific equipment related to pilots.	Not yet started.	
Establish plan/ policy that addresses the support, management, training, and guidelines related to BYOD or students using district provided resources. This is not a BYOD policy, but rather what is the policy when students do BYOD.	Library & Technology Management Team discussed and reviewed other district plans.	Continue discussion.
Purchase and implement software for remote management software of devices, such as Impero	Not yet started.	
Examine purpose of district website (teacher webpages), and create district policy while examining the best hosting options to meet district needs.	Not yet started.	

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Actions: (found in the strategic plan)	Update: (Steps Taken since last update)	Proposed Changes or Next Steps
Increase bandwidth between schools. Upgrade bandwidth from 30MB to fiber	Under contract for one more year.	Put on E-rate 470 form Fall of 2015 for Summer of 2016.
Replace existing van with appropriate vehicle	Funding was cut from the budget.	
Update/revise job descriptions for technology staff and info tech teachers and/or restructure technology department	A department restructuring has been started through turnover in staff.	Continue examination of job descriptions and IT department structure.
Add 2 additional techs and 4 level 1 technicians	One additional technician is in the process of being hired.	Continue to expand the technology department in order to better meet the needs of the district.
Purchase and install networking monitoring tool for users	No funding was available for this objective as of yet.	Secure funding.
Complete build out of wireless infrastructure in K-2 schools including secure wireless access for staff and guests	A state grant was applied for but the state has yet to fund it.	Continue to look for funding to support this initiative.

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Goal # 4: Develop a plan of current and future financing requirements to ensure that K- 12 resources are available for all students, faculty members, and staff, so they can become technologically literate and proficient. Develop a schema of current and future financing requirements to support the technology plan.

Objective: Supply adequate financial resources to meet information technology needs.

Actions: (found in the strategic plan)	Update: (Steps Taken since last update)	Proposed Changes or Next Steps
Develop a process for locating, writing, and managing grant writing	A state grant was applied for in the spring of 2015.	Continue to monitor availability of grants.
Purchase and implement asset management system	IT Staff has begun to maintain and accurate inventory. It will be entered into a new tracking system over the summer.	Update and maintain inventory in new software.
Establish Contingency Fund for adequate replacement of instructional equipment and supplies during the school year.	Was requested during budget development.	
Develop a Replacement cycle for all technology equipment	Not yet started	
Develop a comprehensive disaster Recovery Plan	Disaster recovery has a plan in place for our two most critical systems - PowerSchool and Munis.	Continue to plan for redundant systems and/or cloud based storage.

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Goal # 5: Develop a system to evaluate the effectiveness of technology tools as:

- a: teaching and learning tool,
- b: productivity tool,
- c: measurement and analysis tool for student achievement,
- d: fiscal management tool

Objective: Evaluate effectiveness of technology tools.

Actions: (found in the strategic plan)	Update: (Steps Taken since last update)	Proposed Changes or Next Steps
Develop standards and assessments for staff technology skills	Not yet started	
Establish a plan and assessment rubric for locating, implementing and evaluating the effectiveness of technology tools	Not yet started	
Establish a district shared annotated resource list of available instructional or instructional support software	Not yet started	