

Wallingford Public Schools Strategic Plan 2015-2020- Technology - Last Update 5/2017

Focus Area	Technology
Goal 1	Improve student academic achievement through the integration of technology throughout the K-12 curriculum.
Objective	Embed technology into district curriculum documents.

Actions	Person(s) Responsible	Indicator of Success	Resources	Due Date
Using technology to make curriculum available, accessible, and live	Assistant Superintendent of Curriculum Webmaster	Curriculum links available on district web page and shared in Google Drive		On-going updating of information
Align K-12 technology and Library Media curriculum	Assistant Superintendent of Curriculum Librarians Information Technology Teachers Classroom Teachers	BOE approval of new curriculum	Release time/funding for curriculum development	Fall 2017
Implement technology and research standards in ELA and Math CCSS (Now Transferrable Skills Graduation Standards Document)	Assistant Superintendent of Curriculum Librarians Information Technology Teachers Classroom Teachers	New standards implemented	Release time/funding for curriculum development	On-going
Implement a CMS (content management system)	Assistant Superintendent of Curriculum Technology Director District PDEC	Google Classroom	Funding for professional development	2017-18
Resource identification and awareness for students	Library-Media Specialists	Increased use of district subscription databases	Funding for subscription databases	On-going
Clarify and align technology assessment tools	Director of Technology Assistant Superintendent of Curriculum Curriculum Resource Teachers	Create a database of technology tools, such as Lexia, Symphony, Track My Progress, Turn-It-In, Odysseyware, and so on	Technology Staff	2016-2018
Create a list/database of assistive technology tools	Director of Technology Assistant Superintendent of Curriculum, PPS Director	Database created and shared	Technology/PPS Staff	On-going

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Goal 2	Ensure that all faculty members and staff are proficient in the use of integration of existing technology and on-going professional development activities in emerging technologies are provided.
Objective	Provide adequate professional development for staff in emerging technologies.

Actions	Person(s) Responsible	Indicator of Success	Resources	Due Date
Devote x% of professional development to district-wide technology professional development	Assistant Superintendent of Curriculum Technology Director District PDEC Building PDEC Building Administrators	Designated days of professional development devoted to information technology	Technology trainers	On-going
Create a functioning PLG (professional learning groups) model-department/grade level/building based	Technology Director Library and Technology Management Team Interested Teachers/ Administrators District PDEC	Planned and executed 2-hour professional development sessions	Info-gathering structure (Google Forms), video recordings of trainings	2016-2018 and on-going
Full implementation/expansion of the use of Google Apps for Education	Director of Technology Assistant Superintendent of Curriculum Building Administration	Professional development for all staff on use of Google Apps for Education	Technology trainers	Completed 2016-2017
EdReflect/TEVAL training and support provided	Building Administrators Building PDEC	Independent use by staff of Bloomboard uploading and document storage tools	Technology trainers	Completed

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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	Person(s) Responsible	Indicator of Success	Resources	Due Date
Change service delivery model to allow information technology teachers and library media specialists to integrate technology (staff could then support tech integration)	Asst. Superintendent for Curriculum Director of Technology Library and Technology Management Team	Elementary Teaching Schedule LMS Job Description Revision		Spring 2017
Establish a plan for student technology changes, such as 1:1 or BYOD, including district recommendations about specific equipment related to pilots.	Director of Technology Library and Technology Management Team	Written technology growth plan		Spring 2016-on-going
Establish plan/policy that addresses the support, management, training, and guidelines related to BYOD or students using district provided resources.	Director of Technology Library and Technology Management Team	BOE Adopted Policy		Spring 2016-on-going
Increase bandwidth between schools. Upgrade bandwidth from 30MB to fiber	Director of Technology	Updated bandwidth in all schools	E-Rate Funding/Budget	Completed Fall 2016
Increase bandwidth to be 10GB between all sites	Director of Technology	Updated bandwidth in all schools	Budget	2016-2017
Purchase WPS Owned vehicles to transport equipment and computers between schools	Director of Technology Superintendent Business Manager	Purchase of vehicle	Funding	2015 - 2020
Update/revise job descriptions for technology staff and info tech teachers	Director of Technology Assistant Superintendent of Personnel	Completed job descriptions for all IT positions		2017-2018

Purchase and install networking monitoring tool for users	Director of Technology	Installed and implemented	Network Monitoring Software What's Up Gold	Completed 2016
Utilize secure document delivery system to forward report cards to parents	Director of Technology Software Support	Report cards sent out electronically	School Messenger	Completed 2016-2017
Complete build out of wireless infrastructure in K-2 schools including secure wireless access for staff and guests(will improve coverage and security)	Director of Technology	Installed and implemented	Funding for Access Points/ Wiring Aruba support	Completed Summer/Fall 2016
Continue to upgrade/enhance Wireless & Network electronics (switches) to support 1:1 and/or BYOD Computing and testing needs	Director of Technology	Installed and implemented	Funding through E-Rate	2016-2019 and on-going
Create a distance learning lab space/install equipment; implement at the Middle/High Schools	Asst. Superintendent of Curriculum Director of Technology	Curriculum written and lab installed	Funding for equipment/lab	2018-19 HS 2019-20 MS
Support high school students that will be earning credits online	Asst. Superintendent of Curriculum Director of Technology	Administrative regulations written/technology available		On-going
Implement Power Saving Processes in order to automatically shut down computers	Director of Technology	Reduced Electric Consumption	Software/Procedures in place SYAM	2016-2018
Budget and Install new phone system to replace end of life Nortel system	Director of Technology	Budgeted and implemented	Budget	2017-2020
Expand the use of Digital Signage throughout the district	Director of Technology		Budget	2017-2020

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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	Person(s) Responsible	Indicator of Success	Resources	Due Date
Develop a process for locating, writing, and managing grant writing	Director of Technology, parents	Increased grant awards	Grant writer	On-going
Implement asset management system	Director of Technology	Completed Inventory using asset manager	Ticketing system software	2016-2018
Establish Contingency Fund for adequate replacement of instructional equipment and supplies during the school year.	Director of Technology	Timely replacement of instructional equipment and supplies	Budget	On-going
Develop a Replacement cycle for all technology equipment	Director of Technology	Completed Replacement Cycle	Budget/1% Account	On-going
Develop a comprehensive Disaster Recovery Plan	Director of Technology	Completed Plan	Budget	

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Goal 5	Develop a system to evaluate the effective 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	Person(s) Responsible	Indicator of Success	Resources	Due Date
Develop standards and assessments for staff technology skills	Assistant Superintendent of Curriculum Library and Technology Management Team	Assessment results collected	ISTE standards	Fall 2018
Establish a plan and assessment rubric for locating, implementing and evaluating the effectiveness of technology tools	Assistant Superintendent of Curriculum Director of Technology Library and Technology Management Team	Assessment rubric created and used	Enlight	2017-2018 and On-going
Establish a district shared annotated resource list of available instructional or instructional support software	Assistant Superintendent of Curriculum Director of Technology	List completed and shared	Enlight	2017-2018 and On-going