

Spotlight on Accomplishments from 2012 - 2015 Technology Plan

- Deployed Google Apps for Education as an integrated communication and collaboration solution to support learning, organize course content and store student work
- Integrated technology-based learning activities into curricular units to develop 21st century skills and competencies
- Introduced new web-based software applications to reinforce student understanding and assess student progress
- Hired additional Technology Content Coach to leverage teacher understanding of classroom technology as a tool for learning
- Expanded formal Science Technology Engineering & Math (STEM) programs in grades 6-12
- Implemented Naviance developmental guidance software to document Student Success Plans for grades 6-12
- Added software simulations to courses in order to enhance student experiences in the classroom
- Created new Student Information Specialist position to provide support to staff for the development of new assessments and training/analysis of student information
- Delivered technology training for teachers to meet current and future needs
- Installed teacher computers with high speed internet access, a data projector, DVD/ Video capability, SMART Board and shared printing in all regular education classrooms
- Deployed sound field systems in all kindergarten and grade 6-12 classrooms
- Improved student access to technology through the addition of computer labs and mobile computer carts
- Upgraded district systems to automate reporting of state mandated student information via a Schools Interoperability Framework
- Implemented a web based portal to allow parents to update emergency contact and district information

SWPS Technology Committee

Lisa Bowden	MaryAnn McAndrew
Tiffany Caouette	Sheryl Mortensen
Cathie Drury	Allan Mothersele
Matthew Eppler	Maureen Pearson
Vincent Federici	Michele Saidi
Ellen Festi	Marilyn Sevick
Daniel Hansen	Richard Stahr
Sharon Keegan	Karen Stoj
Joshua Kraus	Daniel Sullivan
Debbie Matchett	Michael Tortora
Scott Matchett	

Administration

Kate Carter, Ed.D.
Superintendent of Schools

Daniel S. Hansen
*Assistant Superintendent
Curriculum and Instruction*

Colin J. McNamara
*Assistant Superintendent
Personnel and Administration*

Chris M. Chemerka
Director, Finance and Operations

South Windsor Public Schools Technology Plan 2015-2018



South Windsor Public Schools
1737 Main Street
South Windsor, Connecticut 06074
Phone: (860) 291-1200 • Fax: (860) 291-1291
www.southwindsorschools.org

Dream. Achieve. Inspire.

TECHNOLOGY has forever changed not only what we need to learn, but the way we learn. Digital age skills are vital for preparing students to work, live and contribute to the social and civic fabric of their communities. The mission of the Office of Technology is to promote student and staff proficiency in the use and application of technology to analyze, learn and explore.

More and more teachers are using technology to foster the teacher-student connection. Technology makes it easier to identify students' needs, strengths and interests. It makes it easier to customize learning experiences. It makes it easier to engage students and help them own their learning. Technology is the cornerstone of building and facilitating personalized learning environments. According to the National Educational Technology Plan developed by the US Department of Education, personalized learning uses technology to adjust the pace (individualization), adjust the approach (differentiation), and make connections to the learner's interests and experiences.

South Windsor Public Schools has adopted standards developed by the International Society for Technology Education (ISTE). These student and teacher standards set the bar for excellence and best practices in learning, teaching and leading with technology in education.

In order to support these standards and strategies, the South Windsor Public Schools 2015-2018 Technology Plan has been developed based on a model of learning outlined by the U.S. Department of Education, Office of Technology. As outlined below, the National Education Technology Plan offers goals and recommendations in five essential areas: **learning, assessment, teaching, infrastructure, and productivity**. These goals provide the framework for the initiatives outlined in our plan.

National Education Technology Plan Goals

1 Learning: Engage and Empower

All learners will have engaging and empowering learning experiences, both in and out of school, that prepare them to be active, creative, knowledgeable, and ethical participants in a globally networked society.

2 Assessment: Measure What Matters

Our education system at all levels will leverage the power of technology to measure and use assessment data for continuous improvement.

3 Teaching: Prepare and Connect

Professional educators will be supported individually and in teams by technology that connects them to data, content, resources, expertise and learning experiences that enable and inspire more effective teaching for all learners.

4 Infrastructure: Provide Access and Enable Success

All students and educators will have access to a comprehensive infrastructure for learning when and where they need it.

5 Productivity and Efficiency

Our education system at all levels will redesign processes and structures to take advantage of the power of technology to improve learning outcomes while making more efficient use of time, money and staff.

Timeline for Implementation of Technology Plan Initiatives

2015 - 2016

- ☐ Deploy high density wireless infrastructure districtwide
- ☐ Implement 1:1 Device Program for students in Grade 9
- ☐ Explore options for new Content and Learning Management System
- ☐ Develop a plan to incorporate certified Library Media Specialists (LMS) at each elementary school
- ☐ Deploy sound field systems in grade 1 and 2 classrooms
- ☐ Implement a 3-year BoE policy review cycle for technology
- ☐ Evaluate effectiveness of 1:1 program pilot

Refresh cycle: Servers, Workstations, Laptops, iPads, Chromebooks, SMART Boards

2016 - 2017

- ☐ Complete the installation of districtwide high density wireless
- ☐ Expand implementation of 1:1 Device Program to two more high school grade levels
- ☐ Choose product and develop budget and implementation plan for new Content and Learning Management System
- ☐ Hire one K-5 LMS to serve as literacy and technology leader and assist with preparations for the opening of new Orchard Hill School
- ☐ Maximize redeployment of technology among elementary schools at the point of redistricting
- ☐ Complete the deployment of sound field systems in all elementary classrooms

Refresh cycle: Servers, Workstations, Laptops, iPads, Chromebooks, SMART Boards, Projectors, Printers, District Firewall

2017 - 2018

- ☐ New OH School opens with state of the art technology
- ☐ K-5 LMS transitions to new Orchard Hill School
- ☐ Complete 1:1 deployment at high school
- ☐ Consider implementation of 1:1 Device Program in grade 8
- ☐ Begin implementation of new Content and Learning Management System

Refresh cycle: Servers, Workstations, Laptops, iPads, Chromebooks, SMART Boards, Projectors, Printers, Data/Back-Up

ONGOING

- ☐ Explore funding opportunities that support 2015-2018 goals
- ☐ Maintain a consistent and timely technology refresh cycle
- ☐ Expand and embed the use of technology in all curriculum content areas
- ☐ Continue to use Technology Content Coaches to provide real-time, ongoing training on the use and integration of instructional technology
- ☐ Explore and expand opportunities for teachers to become technology leaders/mentors
- ☐ Provide students with the tools to create content in all curriculum areas
- ☐ Refine the use of web-based assessment systems for formative and summative data to drive instruction
- ☐ Expand the use of the district's data management system to organize and track student performance progress
- ☐ Respond to state and national testing mandates that require computer-based testing
- ☐ Review staffing levels needed to provide adequate service support
- ☐ Align technology learning outcomes with ISTE standards for students



This document outlines a plan for addressing the technology needs of South Windsor Public Schools in order to support 21st century learning. Changes in enrollment, funding, and education legislation, as well as advances in technology, could alter the Technology Plan or its intended timeline.