State of Technology Today

The following illustrates some of the high level items that have been achieved over the past several years to reinforce and advance the goals of technology in our schools.

▷ *Facilitated the electronic distribution of K-12 report cards*

▷ *Worked with outside professionals on the successful launch of 21st century technology systems in new Orchard Hill Elementary School*

▷ *Upgraded district VOIP phone system*

▷ *Launched a new districtwide website following migration to SchoolMessenger Presence platform*

▷ *Deployed 1:1 Chromebook devices at South Windsor High School*

▷ *Developed school-wide technology committees at middle and high schools*

▷ *Integrated the services of two educational technology content coaches into technology support model for K-12 teachers*

▷ *Fully implemented Google's G Suite for Education tools for K-12 teachers and students*

▷ *Installed sound field systems in all PreK-12 classrooms*

▷ *Created targeted and ongoing professional learning opportunities for teachers*

▷ *Upgraded student information management, transportation and school communication systems (PowerSchool, Versatrans and SchoolMessenger)*

The following is a list of resources used to help guide discussions and planning for the district's 2018-2021 Technology Plan:

CoSN: A Framework for School System Technology Success

International Society for Technology Education (ISTE) Standards for Students

State Educational Technology Goals and Plan 2017-20122

2017 National Educational Technology Plan

Future Ready Schools

"Technology can be a powerful tool for transforming learning. It can help affirm and advance relationships between educators and students, reinvent our approaches to learning and collaboration, shrink long-standing equity and accessibility gaps, and adapt learning experiences to meet the needs of all learners."

-- 2017 National Educational Technology Plan

South Windsor Public Schools Technology Committee

The district technology committee meets four times a year and consists of representatives from the district's various constituencies: administrators, board of education members, teachers, curriculum leaders, IT support, students, and parents.

Steve Albrecht	Gregory Frank	Sheryl Mortensen
Lisa Bowden	Gino Gaucher	John Mutchek
Cooper Castellone	Tera Harlow	Robyn Ongley
Jarrid Clifton	Candice Irwin	Michele Saidi
Doug Couture	Joshua Kraus	Richard Stahr
Edward Duclos	Deborah Matchett	Karen Stoj
Vincent Federici	Scott Matchett	Elena Thibodeau
Ellen Festi	MaryAnn McAndrew	Michael Tortora

South Windsor Public Schools Administration
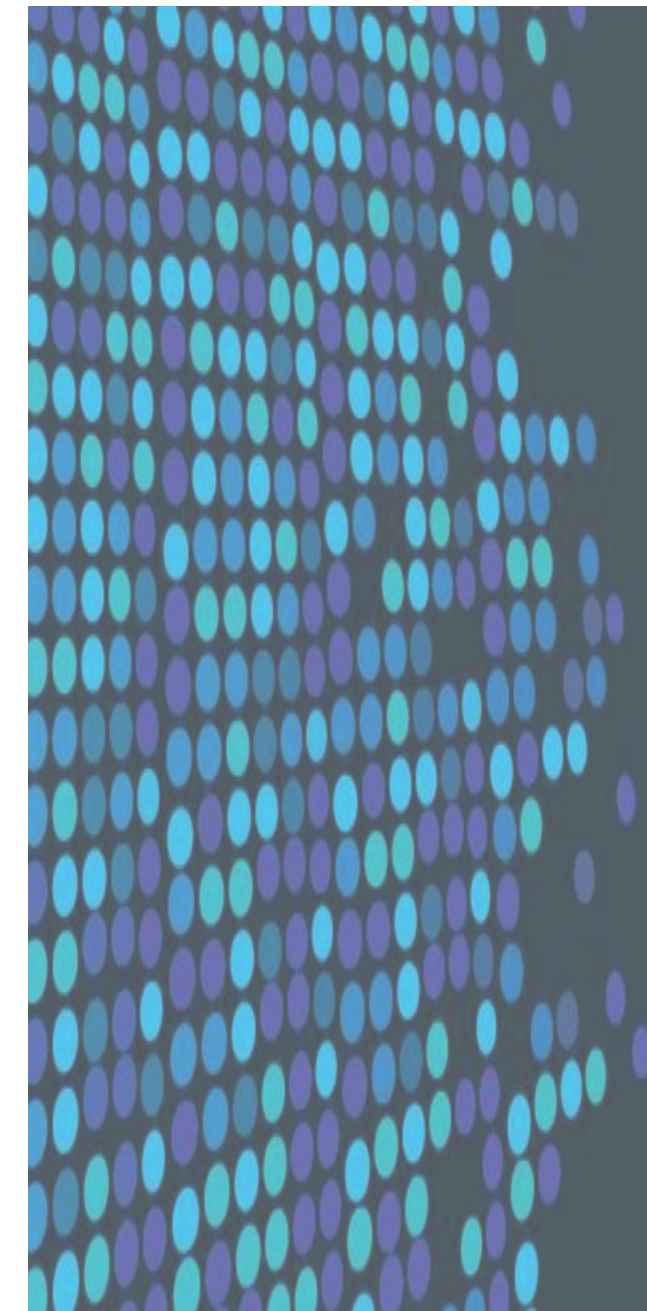
Kate Carter, Ed.D.
Superintendent of Schools

Colin J. McNamara
Assistant Superintendent, Personnel & Administration

Sheryl L. Mortensen
Assistant Superintendent, Curriculum & Instruction

Chris M. Chemerka
Director of Finance and Operations

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South Windsor Public Schools
Technology Plan
2018—2021

Technology has forever changed not only what we need to learn, but the ways in which 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.

The South Windsor Public Schools Technology Committee has created a short and long-term technology plan that addresses the needs of its students and staff. The Committee used "A Framework for School System Technology Success" produced by the Consortium for School Networking (CoSN) to help identify strengths and areas for improvement. The CoSN Framework contains a digital leap success matrix which includes ten focus areas which guided analysis and planning.

Following this review, the Committee created a district Technology Plan that aligns with the National Educational Technology Plan (NETP). The NETP offers goals and recommendations in five essential areas: **Learning**, **Teaching**, **Leadership**, **Assessment**, and **Infrastructure**. The NETP focuses on using technology to transform learning experiences with the goal of providing greater equity and accessibility.

The NETP goals and recommendations highlighted below provide the framework for the initiatives outlined in this Plan.

Timeframes noted are approximate, and subject to change based on the needs and budgetary constraints of the district.

Learning: Engaging and Empowering Learning through Technology

GOAL: All learners will have engaging, empowering learning experiences in both formal and informal settings that prepare them to be active, creative, knowledgeable, and ethical participants in our globally connected society.

▷ Integrate Google's G-Suite for Education modules into grade 6 and grade 9 curricula	2018-2019
▷ Implement K-12 information literacy and digital citizenship curriculum	2019-2020
▷ Promote technologies that empower students to personalize their learning by choosing tools, topics, and resources	Ongoing
▷ Explore and pilot technologies that allow students to learn about the world through virtual, physical, and augmented experiences	Ongoing
▷ Expand K-5 Library Media Specialists to serve as literacy and technology leaders at Eli Terry and Philip R. Smith	2020-2021

> **"One of the most important aspects of technology in education is its ability to level the field of opportunity for students."**
>
> —John King, former U.S. Secretary of Education

Teaching: Teaching with Technology

GOAL: Educators will be supported by technology that connects them to people, data, content, resources, expertise, and learning experiences that can empower and inspire them to provide more effective teaching for all learners.

▷ Increase number of Google certified 9th grade business education teachers	2018-2019
▷ Create South Windsor Public Schools online learning tools to provide staff training in technology and innovative classroom practices	2019-2020
▷ Increase number of Apple certified K-1 teachers	2020-2021
▷ Dedicated technology content coach position for K-5	2019-2020
▷ Increase opportunities for teachers to pilot emerging technologies in the classroom	2019-2020
▷ Integrate online knowledge base with help desk system	2019-2020

Leadership: Creating a Culture and Conditions for Innovation/Change

GOAL: Embed an understanding of technology-enabled education within the roles and responsibilities of education leaders at all levels and set state, regional, and local visions for technology in learning.

▷ Revise curriculum performance tasks to include real-world, technology enhanced project-based learning challenges	Ongoing
▷ Explore Open Education Resources (OER)	Ongoing
▷ Revise Curriculum Review Guide to reflect goals of district technology plan	2018-2019
▷ Create a K-5 Technology Committee	2018-2019
▷ Provide cybersecurity education for staff	Ongoing
▷ Update Board policies and administrative regulations to reflect current technological environment and standards	Ongoing

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Assessment: Measuring for Learning

GOAL: At all levels, our education system will leverage the power of technology to measure what matters and use assessment data to improve learning.

▷ Create district assessment and analytics dashboard	2020-2021
▷ Embed technologies that facilitate teachers' ability to measure learning, that are adaptive, and that provide immediate feedback	Ongoing
▷ Obtain CoSN (Consortium for School Networking) Trusted Learning Environment seal	2019-2020
▷ Establish and analyze educational application metrics to inform curriculum and budgetary decisions	Ongoing
▷ Encourage students to use available assessment data to reflect and set learning goals	Ongoing
▷ Develop shared online assessment repository for educators	2020-2021

Infrastructure: Enabling Access and Effective Use

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

▷ Increase use of Document Management System to electronically track, manage and store documents and reduce paper	Ongoing
▷ Deploy 1:1 devices to students in grades 6 - 8	2018-2019
▷ Increase availability of 1:1 classroom devices grades K - 5	2018-2021
▷ Implement fiber optic connections with the Town of South Windsor	2020-2021
▷ Maintain technology equipment refresh cycle	Ongoing
▷ Develop and implement consistent expectations for website maintenance, access and ease of use	Ongoing
▷ Open new Eli Terry and Philip R. Smith schools with state of the art technology	2020-2021
▷ Migrate all curriculum documents to Team Drive	2018-2019
▷ Increase bandwidth of WAN to U.S. DoE Office of Educational Technology specifications	2020-2021
▷ Maximize E-Rate funding	Ongoing

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.