



Technology Plan

2022 - 2025

Prepared by the Oswego City School District Technology Committee

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District Mission:

We educate, inspire and empower all students

District Vision:

An innovative, high-performing district that graduates every student

Technology Vision Statement:

Technology provides new frontiers for teaching and learning that assist our schools to meet the academic, social, and emotional development of all our students. Our view on technology is that it provides students an avenue to create and express themselves as individual learners. Our aspiration for technology within the Oswego City School District is for all members to recognize the benefit of technology through appropriate, responsible, and productive use.

Attainment Goals:

1. OCSD will safely and responsibly use technology to enhance and support learning.
2. Oswego City School District staff are appropriately trained to increase technology proficiency and support the district mission and vision.
3. Oswego City School District classroom teachers effectively plan and integrate technology into daily lessons.

Planning Process:

The OCSD Technology Committee consisted of stakeholders from various grade levels, content areas and backgrounds. A key factor in goal creation for the 2022-2025 plan was to determine how to best implement 1:1 device availability and NYS technology benchmarks. This was done building upon the goals of the 2018-2021 district technology plan. The committee met each month throughout the school year. Once the NYS Instructional Technology Framework and Guidance documentation was made available, our plans were developed to align with our district vision; to *educate, inspire, and empower all students*. During the duration of this technology plan, district safety committees will be meeting regularly to discuss safety procedures and ongoing improvements as it relates to safety related technology. It is the intention of the Oswego City School District to utilize NYS Smart School Bond Act funds for security camera system upgrades, an emergency lighting project, and instructional technology equipment during the duration of this technology plan.

Stakeholders

The Oswego City School District considers involvement of district support staff, administrators, community, teachers, parents, and students as an essential component in the education of all students. The District Technology Committee involved a variety of stakeholders throughout the process. Our gratitude is extended to the technology committee, Board of Education, and to our central office administration for their dedication to our district, community and students.

Board of Education

Heather DelConte	.....	Board President
Tom Ciappa	.....	Board Vice President
Pamela Dowd	.....	Board Member
Dr. Lisa Glidden	.....	Board Member
Dr. James MacKenzie	.....	Board Member
Sean Ohnmacht	.....	Board Member
Lynda Sereno	.....	Board Member

Central Office Administration

Dr. Mathis Calvin, III	.....	Superintendent
Carrie Plasse	.....	Executive Director of Elementary Education & Curriculum
Nancy Squairs	.....	Executive Director of Business and Finance
Lisa-Marie Carter	.....	Director of Special Education
Jamie Sykut	.....	Director of Instructional Technology
Dr. Robert Duffy	.....	Director of Student Services

Technology Committee

Bridgette Auyer	.....	Classroom Teacher
Sarah Baber	.....	Classroom Teacher
MaryAlice Brennan	.....	Library Media Specialist
Jessica Burrige	.....	Classroom Teacher
Tara Clark	.....	High School Assistant Principal
Molly Clark	.....	Library Media Specialist
Gretchen Coakley	.....	Classroom Teacher
Stacy Dawson	.....	Classroom Teacher
James DeBiase	.....	School Counselor
Robert Dumas	.....	Classroom Teacher
Mary Beth Fierro	.....	Middle School Principal
Tami Gills	.....	Classroom Teacher
Mary Goewey	.....	Classroom Teacher
Stephanie Griffin	.....	Elementary Principal
Alica Hafner	.....	Classroom Teacher
James Hartmann	.....	Classroom Teacher
Morganne Hesler	.....	Classroom Teacher
Shannon Kane	.....	Classroom Teacher
Michaela Kearns	.....	Classroom Teacher
Kim LeRoy	.....	Library Media Specialist
Nicholas Little	.....	Instructional Technology Specialist
Kelly Moxley	.....	Classroom Teacher
Carrie Plasse	.....	Executive Director of Elementary Education & Curriculum
Daniel Rupert	.....	Instructional Technology Specialist
Samantha Spaulding	.....	Middle School Assistant Principal
Heidi Sweeney	.....	Executive Director of Secondary Education & Personnel
Jamie Sykut	.....	Director of Instructional Technology
Justin Tossas	.....	Classroom Teacher
Stacie Waterhouse	.....	Classroom Teacher
Alison Yule	.....	Classroom Teacher

Professional Development Plan

The technology based professional development is aligned to our New York State Professional Development Plan (PDP) for 2022-2025. The district PDP plan was revised and our 2022-2025 technology plan will contain the following information related to technology based professional development.

Objective #1: Train and support staff with the implementation of Computer Science and Digital Fluency Standards (CSDFS)

Professional Development	Activity(ies) to accomplish objectives	Coordinator Responsible	Timeframe (When/how long)	Evaluation standards Performance Measure/ Data Source
CSDFS Training K-12	All technology based professional development highlights CSDFS	Instructional Technology Dept.	Continuously planned Revised and implemented throughout the 2022-2025 school years through committee meetings and PD data collect	Professional development opportunities will infuse the use of the CSDFS to model effectively how teachers can implement the standards in their curriculum. An end product from each participant will be required at the completion of each PD session to assess and provide feedback to teachers; ensuring standards are used and understood.
Aligning work to the CSDFS	Showing staff how to incorporate the CSDFS into projects/resources being used	Instructional Technology Dept.	Continuously planned revised, and implemented throughout the 2022-2025 school years through committee meetings and pd data collect	A continually growing list of resources for technology aligned to the CCLS, all technology based PD will be embedding standards into all projects and courses.

Objective #2: Train instructional and support staff in the application of instructional technologies (ClearTouch Panels, Google Classroom, Google Extensions / Apps, Maintenance of a Chromebook, and the Education Law 2d process / approved programs list).

Professional Development	Activity(ies) to accomplish objectives	Coordinator Responsible	Timeframe (When/how long)	Evaluation standards Performance Measure/ Data Source
Google, G Suite Professional Learning	In-service offering to integrate Google Apps for Education into daily instruction	Instructional Technology Dept.	2022-2025	<p>Increase in teacher usage, by survey and teacher requests for access to GSuite tools.</p> <p>PD courses will model tools being taught to teachers and require work to be completed and submitted to ensure teachers are showing proficiency in programs.</p>
Instructional Technology Presentation Software	In-service offerings	Instructional Technology Dept.	2022-2025	Provide modeled professional development opportunities that infuse instructional support to promote independent digital work that enhances students presenting their learning knowledge to their peers.

ClearTouch Panels	How to effectively use panels to collect student data , provide explicit direct instruction, assess student performance and use data to drive instruction on a daily basis	Instructional Technology Dept.	2022-2025	<p>Provide ample opportunities for teachers to practice using the panels pre and post distribution to schools.</p> <p>Discussions and survey data will be collected during each teacher interaction to assess and revise current offerings to ensure teacher’s needs are met.</p>
Device Basics Professional Development	All K-12 staff will have access to resources regarding care and use of deployed devices	Instructional Technology Dept.	2022-2025	Surveys will be given and assessed to drive future instructions to meet the different needs of the teachers and to ensure all are fully prepared to use, take care of, and model effective device maintenance.
Chromebooks for Instruction, 3-6 and separate offering for 7-12	In-service offerings	Instructional Technology Dept.	2022-2025	Classroom visits, check and connect from instructional technology specialists, digital / in person “technology support open house sessions”, technology student helpdesk, technology hotline for community, and high school student helpdesk program.
Online Assessment programs	In-service offerings	Instructional Technology Dept.	2022-2025	<p>Explicit Direct Instruction modeled Professional Developments that incorporate EdLaw2d approved digital formative and informal assessment programs to collect student data and drive instruction.</p> <p>Teacher surveys and created lessons will be the data collected after each PD to ensure teachers are proficient</p>

				in using said tools.
Copyright Understanding and Educational Law 2d Training	In-service offerings, beginning of the year mandated training	Instructional Technology Dept.	2022-2025	<p>Infuse steps to check copyright infringements into professional development offered, modeled tools used to check for copyright issues.</p> <p>Infuse steps to check that digital programs used are EdLaw2d approved, model tools to safely and effectively navigate and understand the district's EdLaw2d approval process</p>

Accountability of Technology Goals

To assist the technology committee and district administration in meeting proposed goals, the Director of Instructional Technology will work to collect and share data in relation to completing the goals.

Goal 1: OCSD will safely and responsibly use technology to enhance and support learning

Goal 2: Oswego City School District staff are appropriately trained to increase technology proficiency and support the district mission and vision.

Goal 3: Oswego City School District classroom teachers effectively plan and integrate technology into daily lessons.

Goal 1:

OCSD will safely and responsibly use technology to enhance and support learning

Increase equitable access to high-quality digital resources and standards-based, technology-rich learning experiences

Target Population: All Oswego City School District Staff and Students

Goal 1 Action Steps:

Action Step dropdown (Leave Blank)	Description (steps to accomplish goal)	Responsible Stakeholder	If "other" from previous column list	Anticipated month of completion	Anticipated year of completion	Anticipated Cost
	The district will utilize ongoing email awareness campaigns to assist in gauging email awareness and training.	Instructional Technology Dept.		July	2022	\$41157.68 / 3 years
	Age appropriate lessons for internet safety.	Instructional Staff		July	2025	na
	Continued support of Ed Law 2d; ongoing training and awareness of district procedures including training on data privacy and	Instructional Technology Dept.		July	2025	\$7224.96

	copyright laws and regulations.					
	Integrate professional development with specific programs teachers are expected to be using.	Director of Curriculum Instructional Technology Dept.		July	2025	integrated

Goal 2:

Oswego City School District staff are appropriately trained to increase technology proficiency and support the district mission and vision.

NYSED Goal:

Develop a strategic vision and goals to support student achievement and engagement through the seamless integration of technology into teaching and learning

Target Population: All students

Goal 2 Action Steps:

Action Step (Leave Blank)	Description (steps to accomplish goal)	Responsible Stakeholder	If "other" from previous column list	Anticipated month of completion	Anticipated year of completion	Anticipated Cost
	All new teachers will be trained on NYS Digital standards, SAMR, G Suite starting in the fall of 2022.	Instructional Technology Dept.		September 2022 and continuous we hire	2025	integrated
	ClearTouch panel implementation.	Instructional Technology Dept.		July	2025	\$4,900
	Blended learning - focusing on grouping, 1:1 integration, SAMR.	Instructional Technology Dept.		July	2025	\$6,646
	Teachers will be trained on age appropriate steps of digital citizenship to prepare students to take responsibility for their own	Instructional Technology Dept.		July	2025	integrated

	learning.					
	Professional Learning opportunities for responsible use of technology.	Curriculum Dept.		July	2025	\$9,969 annually

Goal 3:

Oswego City School District classroom teachers effectively plan and integrate technology into daily lessons.

NYSSED Goal:

Provide Access to relevant and rigorous professional development to ensure educators and leaders are proficient in the integration of learning technologies.

Target Population: All students

Goal 3 Action Steps:

Action Step dropdown (Leave Blank)	Description (steps to accomplish goal)	Responsible Stakeholder	If "other" from previous column list	Anticipated month of completion	Anticipated year of completion	Anticipated Cost
	<p>All students and faculty will have equitable access to technology</p> <p>UPK-6: will have devices signed out to them, but will remain in school unless needed at home at teacher discretion/ as needed</p> <p>7-12: will be assigned a device transported back and forth daily</p> <p>Internet hotspots will be available for families that require it for school</p> <p>Faculty:</p>	Instructional Technology Dept.		July	2023	\$212,000 annually for 6 year replacement schedule \$66,000 for year 1 storage units in elementary

	Chromebooks are available for all faculty and staff					
	Building administration will reinforce instructional expectations for technology	Building Administrators		July	2025	n/a
	All faculty will maintain a Google Classroom for classes/courses taught	Building Administrators Instructional staff		July	2025	n/a

NYSED Initiatives Alignment

1. The district use of instructional technology support will serve as a part of the comprehensive plan and be a sustained effort to support rigorous academic standards that improve performance for students. To ensure classroom technology use complies with district expectations, ongoing professional development will be planned, but also flexible to react to instructional needs of teachers. Classroom technology use must incorporate formative assessment methods used to collect data. The data collected will then be used to reflect on instructional needs of students to raise performance. All teachers are expected to maintain a virtual classroom presence. Digital presentation hardware (currently 300 smartboards) will be updated throughout this technology plan.
2. Instructional technology, and assistive devices, are utilized throughout the Oswego City School District as instructional aides for curriculum. Technology allows for a variety of differentiation methods. Equitable access to devices will be completed through the following means:
UPK-6: will have devices signed out to them, but will remain in school unless needed at home at teacher discretion. Emergency distribution plans will be established within each building for an emergency shutdown. Grades 7-12 will be assigned a device to be transported back and forth daily. Internet hotspots will be available for families that require it for school work. All faculty and staff will be assigned a Chromebook as needed, from the district. The district infrastructure will be continually upgraded with respect to connectivity for wireless devices. Currently the district has 99% WiFi coverage in all buildings. The technology plan budgeting respects the need to update wireless access points as more devices are being transitioned to wireless vs. wired connection.
3. The district technology plan addresses the needs of all students. General education teachers work in collaboration with special education teachers to meet the needs of each student. Various softwares, hardware and online resources are used. The director of student services, and special education director work closely with the technology department to ensure that students

are provided the resources they need to succeed. The district addresses each English Language Learner on a case by case basis, as needed, to best meet the needs of each individual student. The director of student services oversees the ENL certified teachers in the Oswego City School District and works with the technology department to provide English Language Learners the equipment and resources needed to provide a productive learning atmosphere.

OCSD applied for, and was granted the NYSED ENL professional development waiver based on our low enrollment of ENL students. ELL teachers will be participating in all available professional development opportunities. Subsequent requests for specific ELL programs or software will be reviewed and approved as appropriate for the goals of our district and student achievement.

4. For cultural sensitivity, and awareness OCSD utilizes various lessons throughout the district, in a non-formal method, about other culture's holidays and languages. Our Director of Student Services works with various families and cultures within our district and even sends books home in students' first language so parents can read with their children and teach them how to read in their home language. Also, at Kindergarten orientation the district has a walk up area for any parents to get info on what the ENL program is all about in our school district and how it affects all students here.
5. Students experiencing homelessness will have access to devices and Internet access as needed. Currently, OCSD contracts with Oswego County Opportunities for a homeless youth coordinator to identify and provide support. The technology department will work collaboratively with this individual to ensure equitable access and support.

Administrative Management Plan

Staff Plan

Title	Current FTE's
District Technology Leadership	1
Instructional Technology Specialist	2
Technical Support	7.6

Investment Plan

Anticipate Service or Item	If Other: Specify or N/A	Estimated Cost	One-time or Annual	Potential Funding Source	If Other Specify or N/A
End User Computing Devices		\$220,000	annual	Boces CoSer, state-aid equipment	
Chargers for replacement		\$4,000	annual	Boces CoSer, state-aid equipment	
Wireless Internet Connectivity, IT Infrastructure upkeep/repair		\$80000	annual	E-Rate, Boces CoSer, District Operating Budget	
Professional Development		\$21,515	annual	District Operating Budget	
Instructional Hardware		\$120,000	annual	Title funding, American Rescue Plan, District Operating Budget	
Instructional Software		\$75,000	annual	Instructional Resource Aid, Boces CoSer, District Operating	

				Budget	
Building Security Systems Maintenance		\$25,000	annual	District Operating Budget	
Building Security System Upgrades		\$40,000	one-time	Smart School Bond Act	

Appendix A

NYS Computer Science and Digital Fluency Learning Standards

Grades K-12 Standards Examples