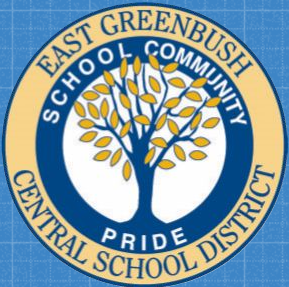


TECHNOLOGY PLAN

2022 - 2025

**7 Smart Goals - aligned with both
EGCSD Scorecard and USNY Statewide
Learning Technology Plan**



USNY Statewide Learning Technology Plan



New York State
EDUCATION DEPARTMENT
Knowledge > Skill > Opportunity

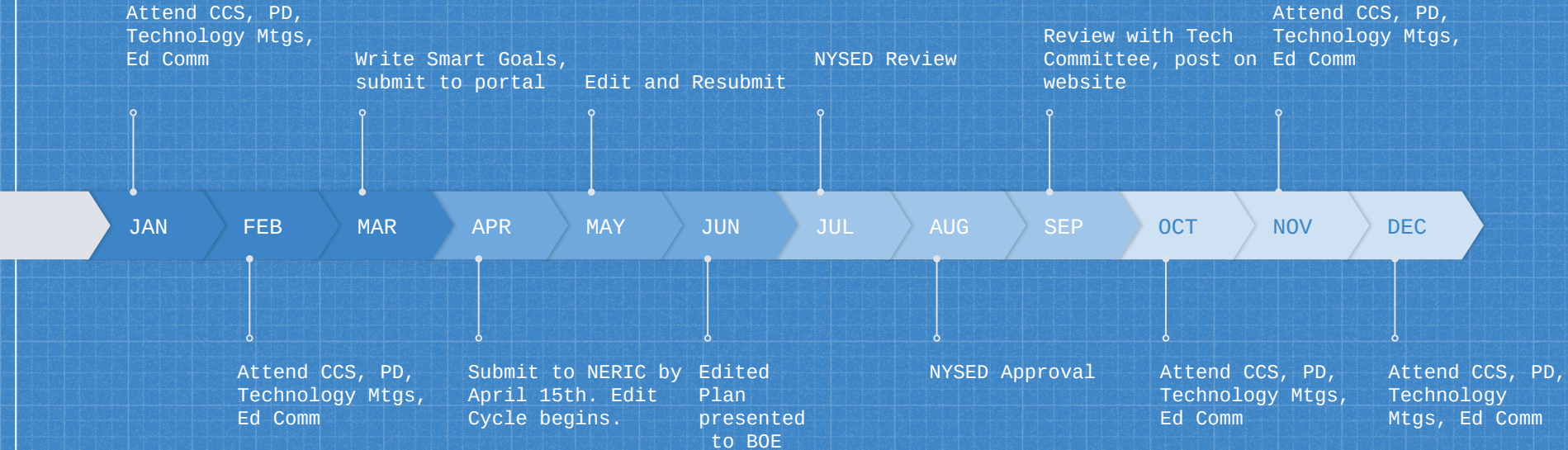
Districts will identify how they will:

- Develop a strategic vision and goals to support student achievement and engagement through the seamless integration of technology into teaching and learning;
- Provide technology-enhanced, culturally- and linguistically-responsive learning environments to support improved teaching and learning;
- Increase equitable access to high-quality digital resources and standards-based, technology-rich learning experiences;
- Provide access to relevant and rigorous professional development to ensure educators and leaders are proficient in the integration of learning technologies.

EGCSD District ScoreCard

- Support and Maintain a Safe and Engaging School Educational Experience Through Diversity, Equity and Inclusion
- Effective and Efficient Delivery of Human and Fiscal Resources
- Ensure Progressive, Innovative and Inclusive Pathways for ALL Students Through Academic and Trade Education Excellence Within Our Schools
- Positive Relationships and Partnerships with Community and Families

TIMELINE OF HOW THE PLAN DEVELOPS





Years 2022-2025 Data Driven Decision Making

Smart Goal #1 and Action Plan: Create a Data Based Mindset

By the end of the 2022-2023 academic year, 95-100% of students in grades K-8 will have completed three reading and math assessments using a computer based universal screener system. Previously, 0% of students had access to these assessments. Success will be measured by:

A-Review of the completion status of each student by the RTI Coordinator and Principals

B-School based data team meetings to discuss the assessment results and determine appropriate supports

C-Principal observations of the student and teacher's use of the technology

1- Enter the second year of Renaissance Star Assessments featuring beginning, middle, and end of year assessment cycles.

2- Organize each building into data teams that meet regularly to discuss assessment data and who consult with the RTI Coordinator to plan interventions.

3- Ensure that students have up to date Chromebooks to use as platforms for assessment and learning.

4- Develop a sustainable professional development program that supports Renaissance Star Assessments and its integrated learning platforms K-8 each year.

5- Ensure placement strategies are informed by and align with the input from the data teams.

EGCSD Objective

Increase the percentage of students reading on or above grade level and meeting grade level learning standards in mathematics at the elementary level; providing evidence that the district is effectively addressing learning gaps through the implementation of early intervention and academic support programs.

NYSED Goal

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



EGCSD Objective:

Demonstrate the accessibility, utilization, and effectiveness of “educating the whole child” initiatives: foster positive physical and social emotional wellness of students, increase student engagement and effectively address mental health needs of children and families.

NYSED Goal:

Provide technology-enhanced, culturally- and linguistically-responsive learning environments to support improved teaching and learning.

Years 2022-2025 Align Learning Environments for All

Smart Goal #2 and Action Plan: Align technology used in instruction

By the end of the 2022-2023 academic year the following milestone goals will be achieved:

A-All students in grades 2-12 will have a Chromebook to replace the original device given

B-Most classrooms district-wide will receive an upgrade to a 75 inch 4K flat panel display

C-Every teacher station computer located in each instructional space will be replaced with a Windows 11 compatible desktop computer

Previously, classroom devices ranged in age from 3 to 12 years of use. This will be assessed by the asset inventory in use by the district.

1-Replace all Chromebooks or tablets so that every student has a new device that works well and is the same as everyone else's device

2-Replace all projector based displays with a new 75 inch flat panel display which provides and cloud based e-whiteboarding environment

3-Replace all teacher desktops with units that are ready to run next generation operating environments and are more secure

4-Provide professional development in the MyViewboard environment and Windows 11.

5-Assess and evaluate the success of the goal, make changes where necessary and possible.

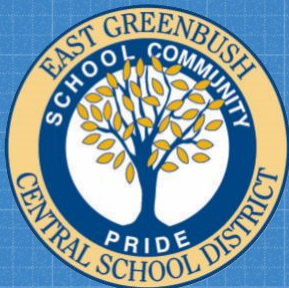


EGCSD Objective:

Increase visibility and staff involvement in initiatives sponsored by Committee to Promote Global Education .

NYSED Goal:

Provide technology-enhanced, culturally- and linguistically - responsive learning environments to support improved teaching and learning



Years 2022-2025 Support English Language Learners

Smart Goal #3 and Action Plan: Support all teachers of ELL students

By the end of the 2022-2023 academic year, all teachers of ELL students will raise their awareness of the instructional technology platforms they may use for instruction with ELL students. Previously, professional development targeted specifically for ELL teachers was available on demand only. While open to classroom teachers to attend, the professional development was not often attended by classroom teachers because it was typically offered simultaneously with other professional development. Success will be measured by teacher survey before and after professional development for any (but not limited to) the following platforms or features that the district makes available to teachers:

ScreenCastify	Kami Google	Workspace for Education Plus
Google Docs Translate	Google Voice Typing	Reading A-Z ELL Version
BrainPop ELL	NearPod ELL	EdPuzzle
Savvas Math	Freckle Reading	Freckle Math
myON	Lalilo	

- 1-Conduct professional development benchmark survey of teachers who teach ELL students.
- 2-Review and plan professional development for the year.
- 3-Implement professional development.
- 4-Conduct post professional development survey.
- 5-Review survey data and plan for further professional development.
- 6-Use the data to inform onboarding practices for teachers who will have ELL students.



EGCSD Objective:

Maintain transparency and stakeholder engagement in the budget development process, develop ways to sustain educational programs, to conduct cost/benefit reviews and to ensure affordability to local taxpayers.

NYSED Goal:

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

Years 2022-2025 Apple Product Deployment Upgrade

Smart Goal #4 and Action Plan: Establish Mobile Device Management program (MDM) for Apple products

By the end of the 2023-2024 academic year, the district will implement an MDM based deployment model and implementation control for all Apple products and apps that run on Apple products. Specifically, the district will:

A-Procure and implement the MDM software.

B-Require that all newly procured iPads are version 15 or higher.

C-Establish a procurement and fulfillment system to automate student specific procurements.

D-Establish a procurement procedure for SPED that originates in the IT department.

E-Establish an automated system for asset control of Apple products.

1-Register devices from 2021-2022 procurements.

2-Develop process to review student needs together with the Special Education department.

3-Review YTD purchases through the MDM system.

4-Use information gathered to inform budget process.



EGCSD Objective:

Increase the percentage of students reading on or above grade level and meeting grade level learning standards in mathematics at the elementary level; providing evidence that the district is effectively addressing learning gaps through the implementation of early intervention and academic support programs.

NYSED Goal:

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

Years 2022-2025 Establish Assistive Technology Program Deployment Upgrade

Smart Goal #5 and Action Plan: Establish Assistive Technology Program

By the end of the 2022-2023 academic year, the district will establish an assistive technology program that features the following:

A-a catalog of available software and hardware and the steps to order

B-a regular cycle of professional development activities that Special Education teachers may participate in to promote their use of assistive technology with students

C-improved communication between the Special Education department and the Technology department

Previously, procurements were made on a case by case basis and this may cause some equity issues in the types of equipment and software deployed. Success will be measured by survey once the new program commences. It is likely that this change will also be evaluated during the next program review for the Special Education department.

1-Perform a survey of the field of practice

2-Identify areas of need for students.

3-Develop and publish a catalog of available supports.

4-Evaluate at the end of each year and adjust program.



EGCSD Objective:

Develop and implement curricular and instructional approaches to increase the number of students demonstrating both proficiency and mastery on Regents Examinations increase equitable access to high-quality digital resources and standards-based, technology-rich learning experiences.

NYSED Goal:

Provide technology-enhanced, culturally- and linguistically-responsive learning environments to support improved teaching and learning.

Years 2022-2025 Augmented Reality Pilot

Smart Goal #6 and Action Plan: Augmented Reality Pilot

By the end of December 2022, the district will start a pilot program for grades 6-8 using virtual and augmented reality software and hardware to enhance instruction in Math, Science, CTE, Health, Social Studies.

Previously no virtual or augmented reality program was in place. We will assess the pilot based upon teacher and student survey after the pilot commences.

- 1-Organize a pilot committee representative of the curricular areas that are the focus of the pilot.
- 2-Use recommendations to identify the product to procure.
- 3-Procure product and ensure that each pilot member has the necessary equipment and software to begin the pilot.
- 4-Implement the pilot program.
- 5-Gather survey data from students and teachers to inform next steps.



EGCSD Objective:

Develop, implement and support programs for students pursuing goals dedicated to the trade and industry professions, continue to partner with Questar III BOCES in the Career Technical Education (CTE) program offerings.

NYSED Goal:

Provide technology-enhanced, culturally- and linguistically-responsive learning environments to support improved teaching and learning

Years 2022-2025 Develop Student Help Desk

Smart Goal #7 and Action Plan: Develop Student Help Desk

By the end of the 2023-2024 academic year, at least 40 (cumulatively) 9-12 grade students will serve a minimum of 2 hours per week each and achieve the mastery level of the 3 technical rubrics described by the help desk plan:

-Entry Level Technician

-Level 1 Technician

-Level 2 Technician

Previously, 9 students participated in the student help desk at the launch of the program.

This will be assessed by attendance records, in person observation by help desk staff, demonstration of technical and customer service tasks, participation in technical field trips, and participation in performance based student staff contests.

1-Advertise and recruit students to participate in Student Help Desk launch.

2-Prepare space for customer service, repairs and a part time monitor.

3-Hire a part time monitor.

4-Begin customer service operations and assist in repair of Chromebooks.

5-Evaluate each student according to service level rubrics.

Questions?

