Manhasset UFSD: Instructional Technology & Libraries

Sean Adcroft & Peter Niceforo
January 17, 2023

Supporting District Goals

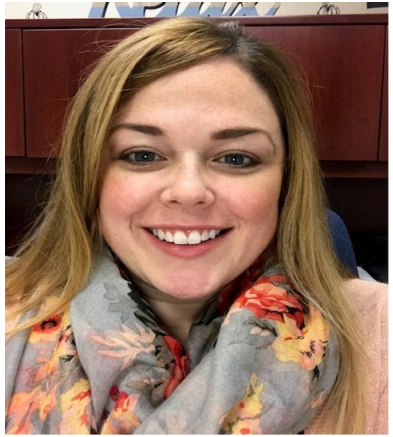
Nurturing Connections

IT Office Support

Data Processing & Purchasing

- eSchool Data Student Information System
- State & Federal Reporting
- NVision - Purchasing
- Data Entry

Natalie Szuzina-Malloy
Tech Aid II, IT Office



Colleen Shepherd, Student
Information Specialist, IT Office

James Hadley,
Clerical Support, IT Office

Secondary School Library Staff

Karin Greenberg, HS Librarian

Caterina Aloia, TA

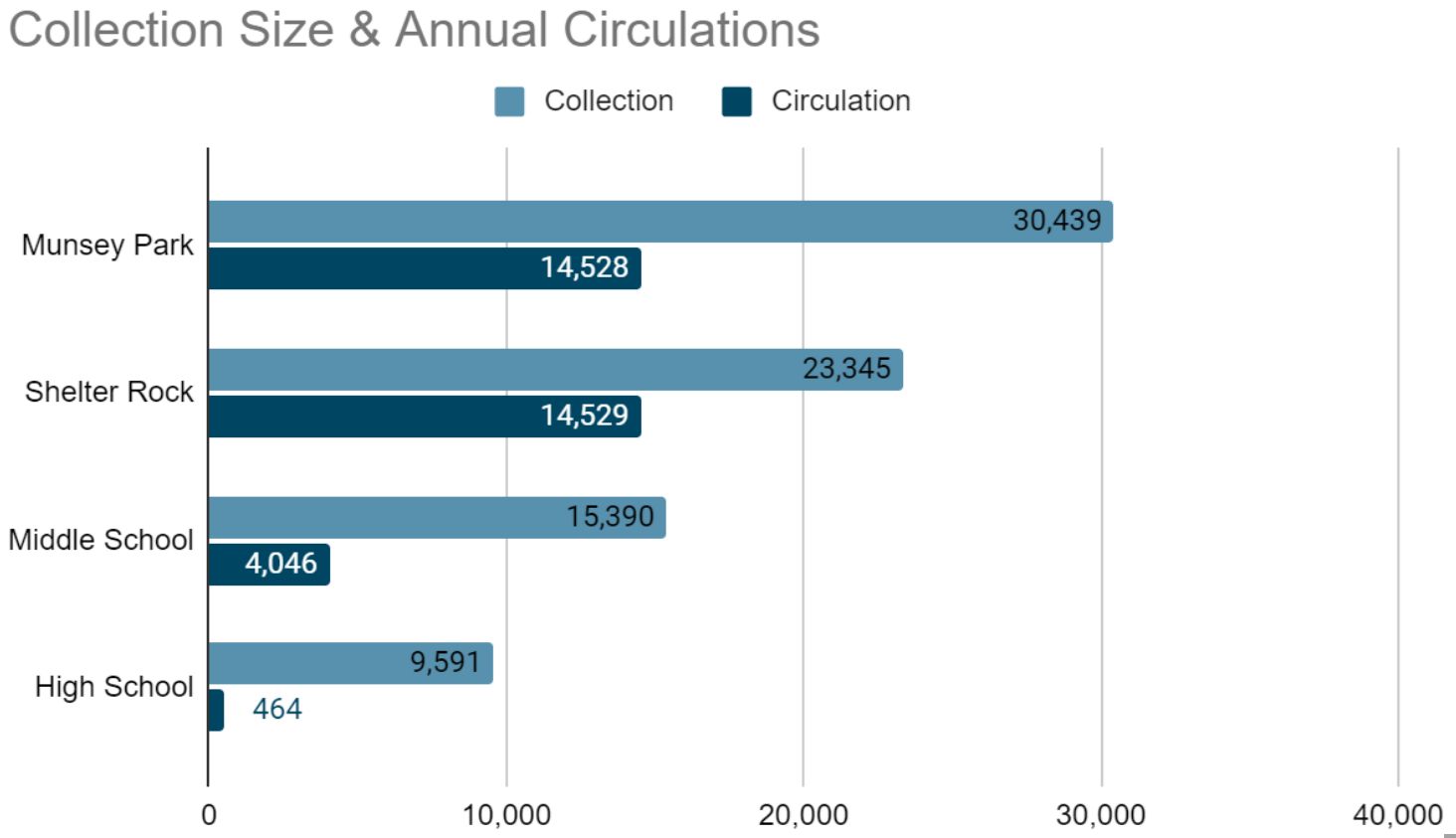
Irene Moody, MS Librarian

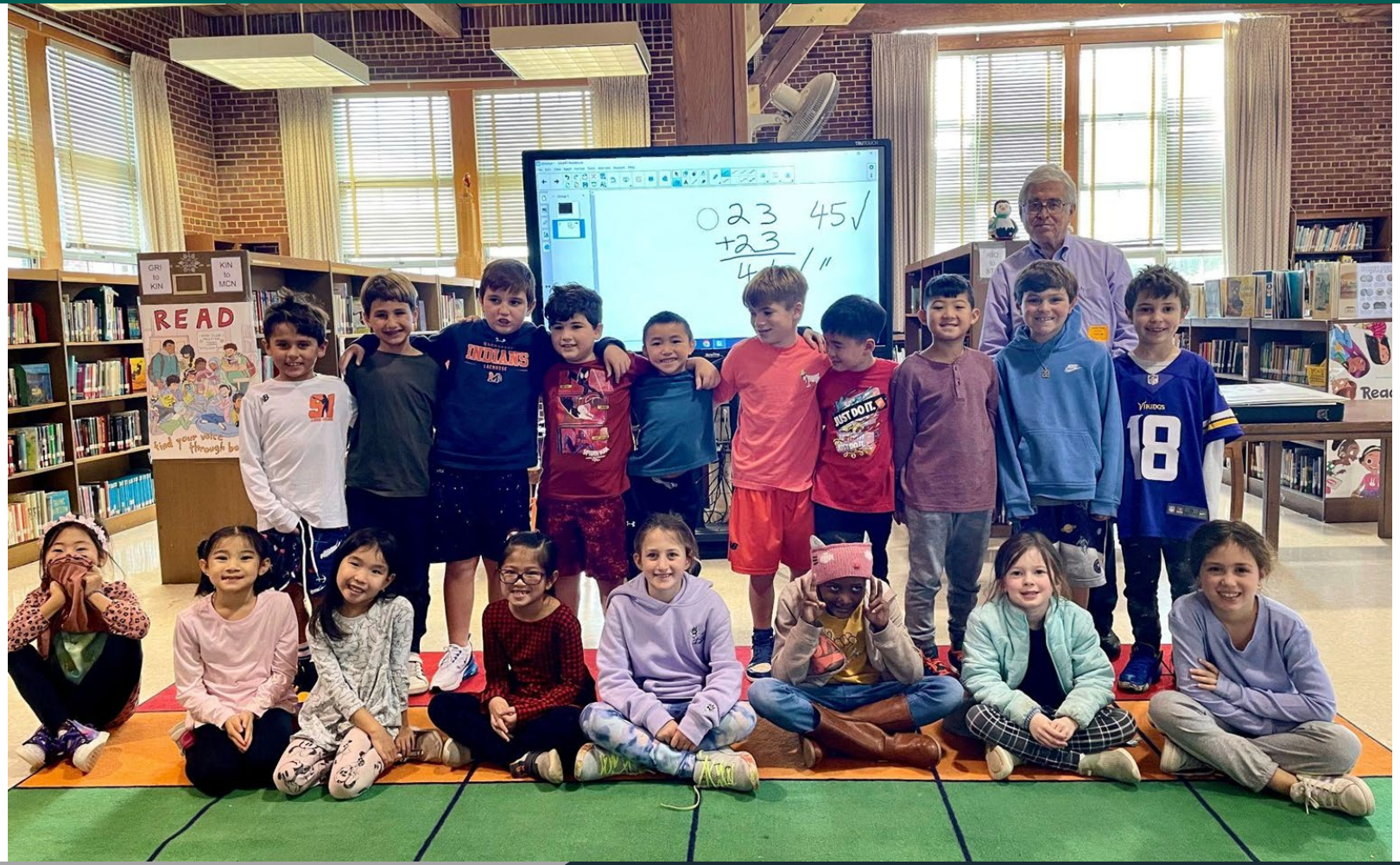
Elementary Schools Library Staff

Stephanie Yacavone, TA
Amy Rowland, Librarian
Shelter Rock School

Marcia Pollack, TA
Allison Iannolo, Librarian
Munsey Park School

Library Statistics




READ
23
+23
45√
INDIANS
JUST DO IT.
18

How do you BOOK?

High School Library Canvas Page

Open with Adobe Acrobat for G...

Manhasset High Scho

MHS Library Newsletter

December 2022
Volume 6, Issue 4

Our annual Bookmas Tree Guessing Contest is here!!

Fill out this Google Form for a chance to win a prize!
Click here for a video of the tree being made.

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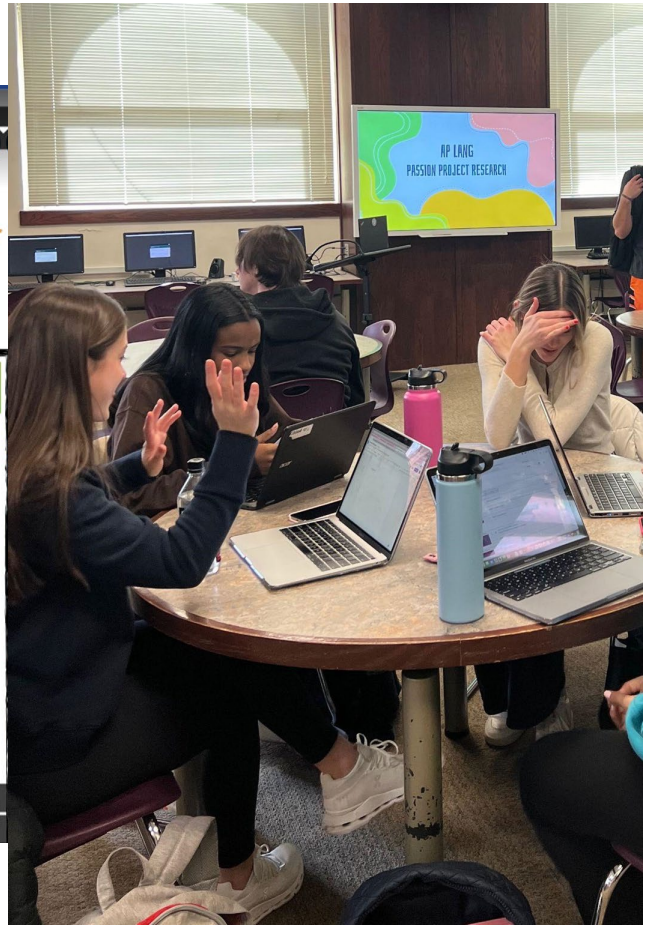
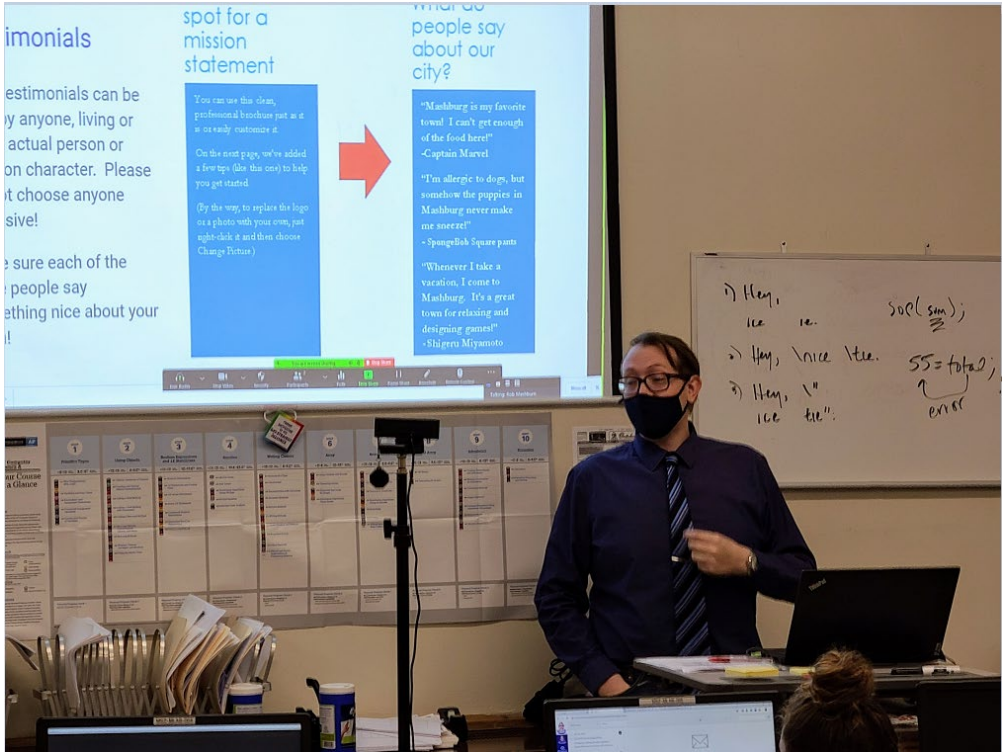
Happy Hanukkah!!



Maintaining Connections During a Pandemic - Hybrid Instruction



IT'S THE
100TH DAY
Happy 100th Day Of School
Remote Participants

Strengthening Student Inclusivity, Opportunities, & Support

Assistive & Adaptive Technology

Erin McCormack, AT Specialist

Computer Teachers & Teaching Assistants

Dina Merolesi

Keith Brussel, TA

Debra Costello

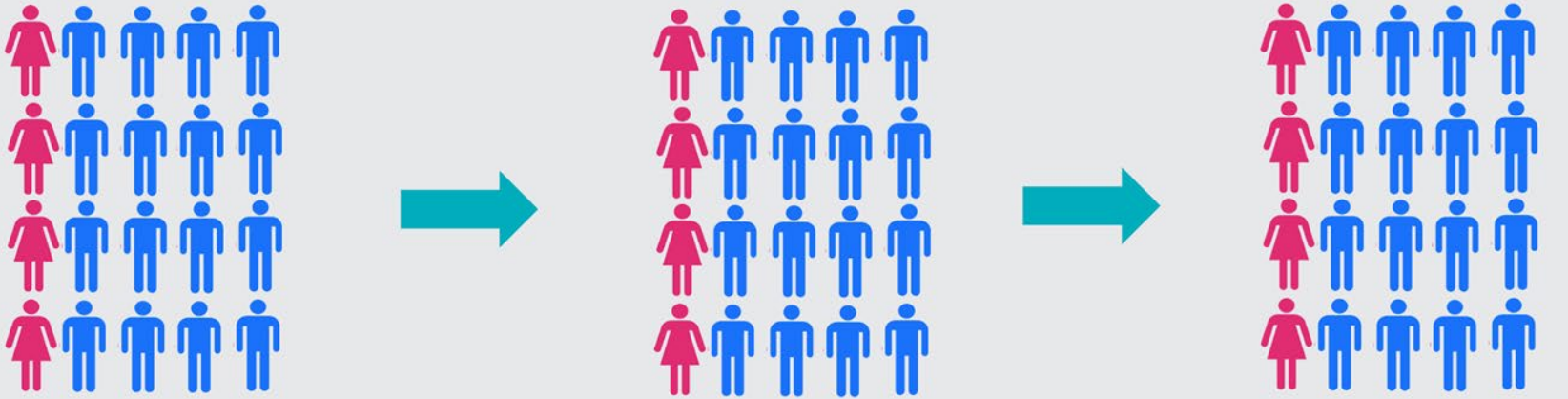
Alka Gupta, TA

Rob Mashburn

Judith Scharf

Coding and Kids

The Challenge of Diversity and Coding



Women who try AP Computer Science in high school are ten times more likely to major in it in college, and Black and Hispanic students are seven times more likely.

AP Computer Science

2022 Middle School Hackathon

Enhancing Professional Practice

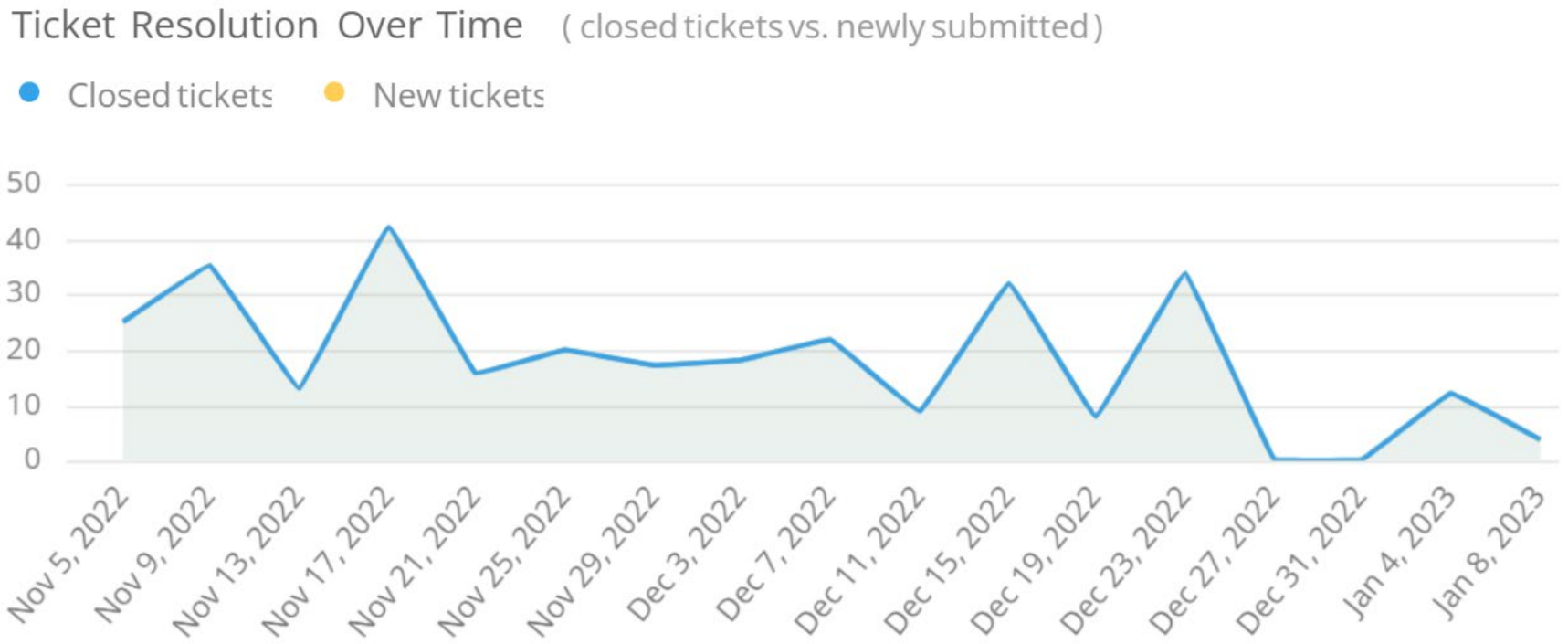
IT Professional Developers

Rob Mashburn

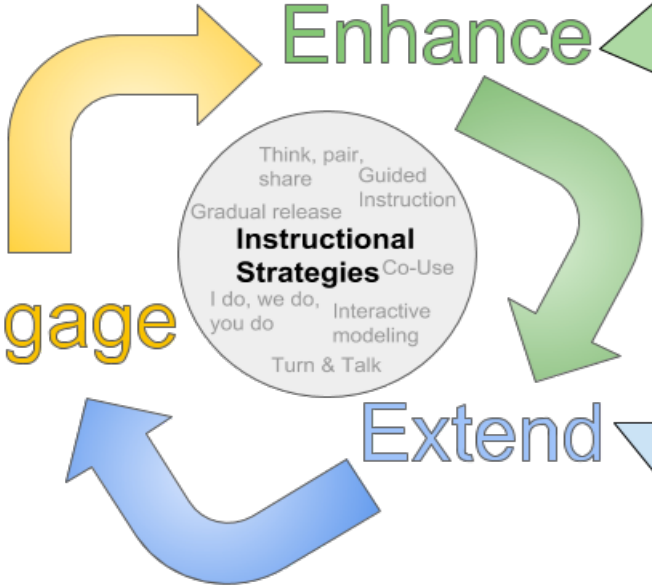
Nina Levine

Keri Crocco

Professional Development Sessions since Nov 5, 2022



Triple E Framework

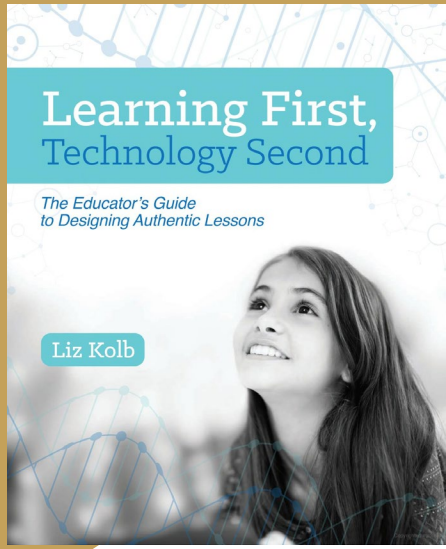


1. Does the technology tool aid students in developing or demonstrating a more **sophisticated understanding** of the content?
2. Does the technology create **scaffolds** to make it easier to understand concepts or ideas?
3. Does the technology create paths for students to demonstrate their understanding of the learning goals in a way that **they could not do with traditional tools**?

1. Does the technology allow students to **focus on the task** of the assignment or activity with less distraction **(Time-on-Task)**?
2. Does the technology **motivate** students to start the learning process?
3. Does the technology cause a shift in the behavior of the students, where they move from passive to **active social learners (co-use or co-engagement)?**

1. Does the technology create opportunities for students to **learn outside** of their typical school day?
2. Does the technology create a bridge between school learning and **everyday life experiences**?
3. Does the technology allow students to build skills, that they can use in their everyday lives?

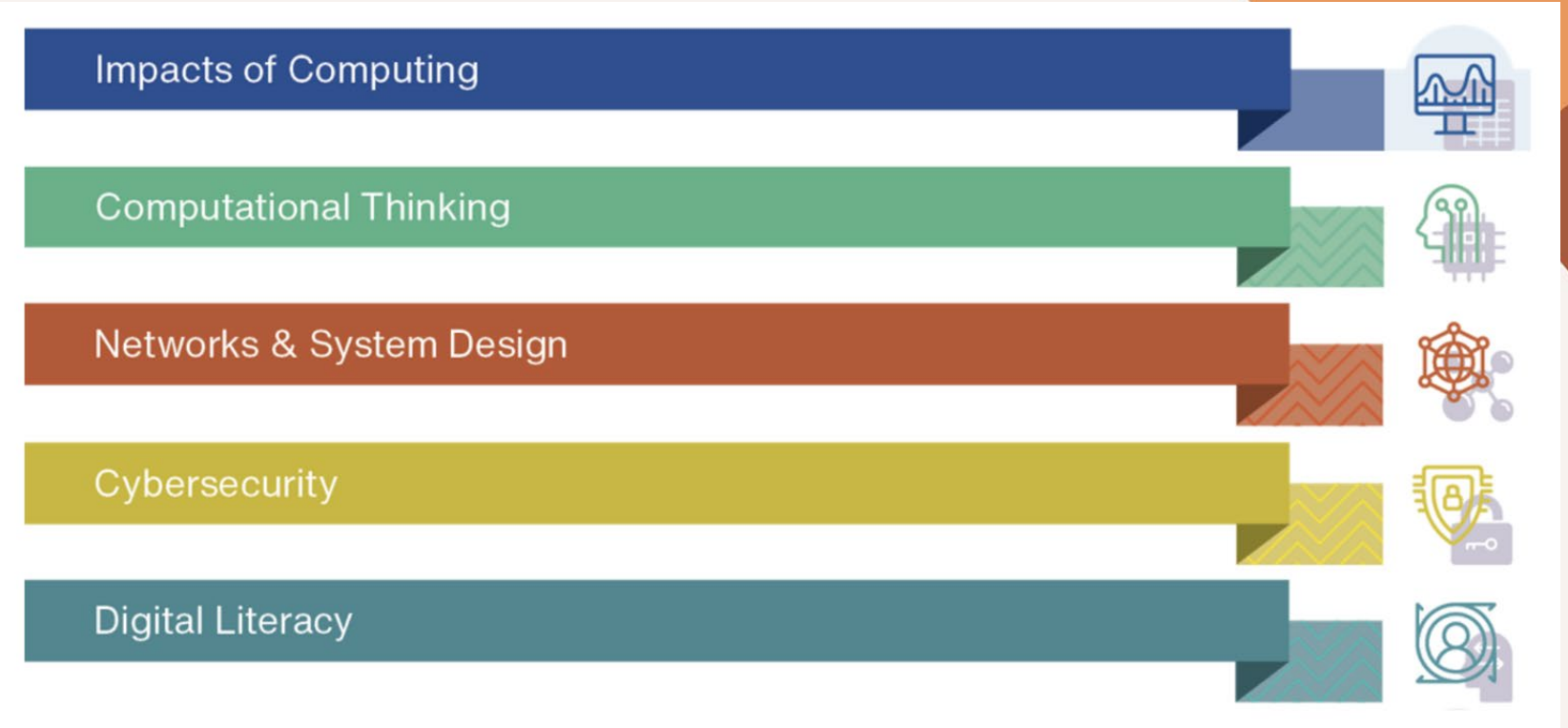
Learning First, Technology Second



"We are committed to guiding our students on their unique educational journeys by nurturing their abilities and encouraging a growth mindset,"

- District Mission Statement

What are the CS and DF Standards?

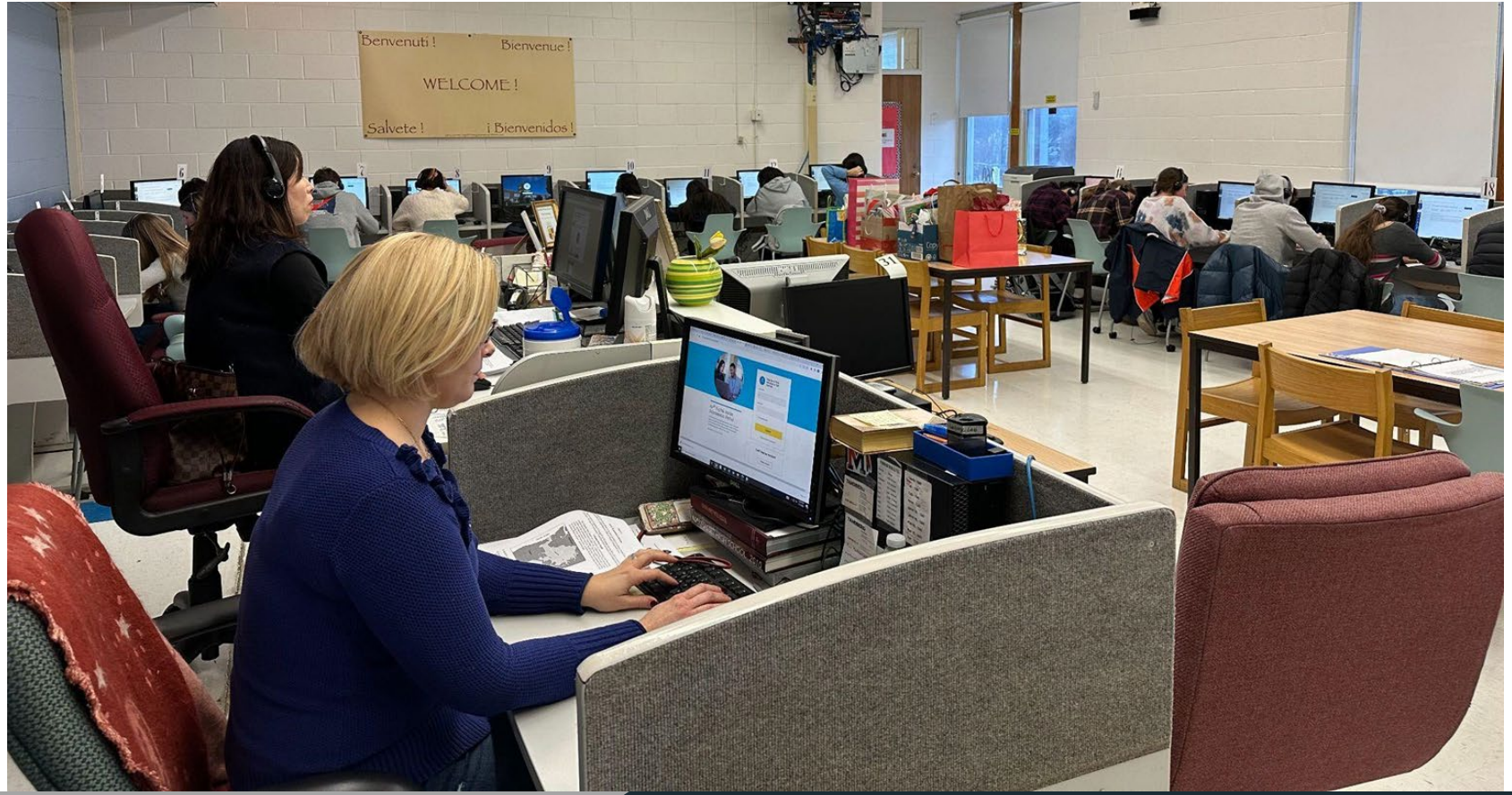


Timetable for Roll-Out and Implementation

Dates	Phase	Activities
Adoption – Aug 2021	Awareness-Building	Roll-out and build awareness of the new standards and timeline for implementation
Sept 2021 – Aug 2023	Capacity-Building	Focus on curriculum development, resource acquisition, professional development
Sept 2023 – Aug 2024	Year 1 Implementation	All credit-bearing Computer Science courses will be aligned with NYS CS&DF Standards
September 2024	Full Implementation	CS&DF Standards implemented in all grade bands K-12

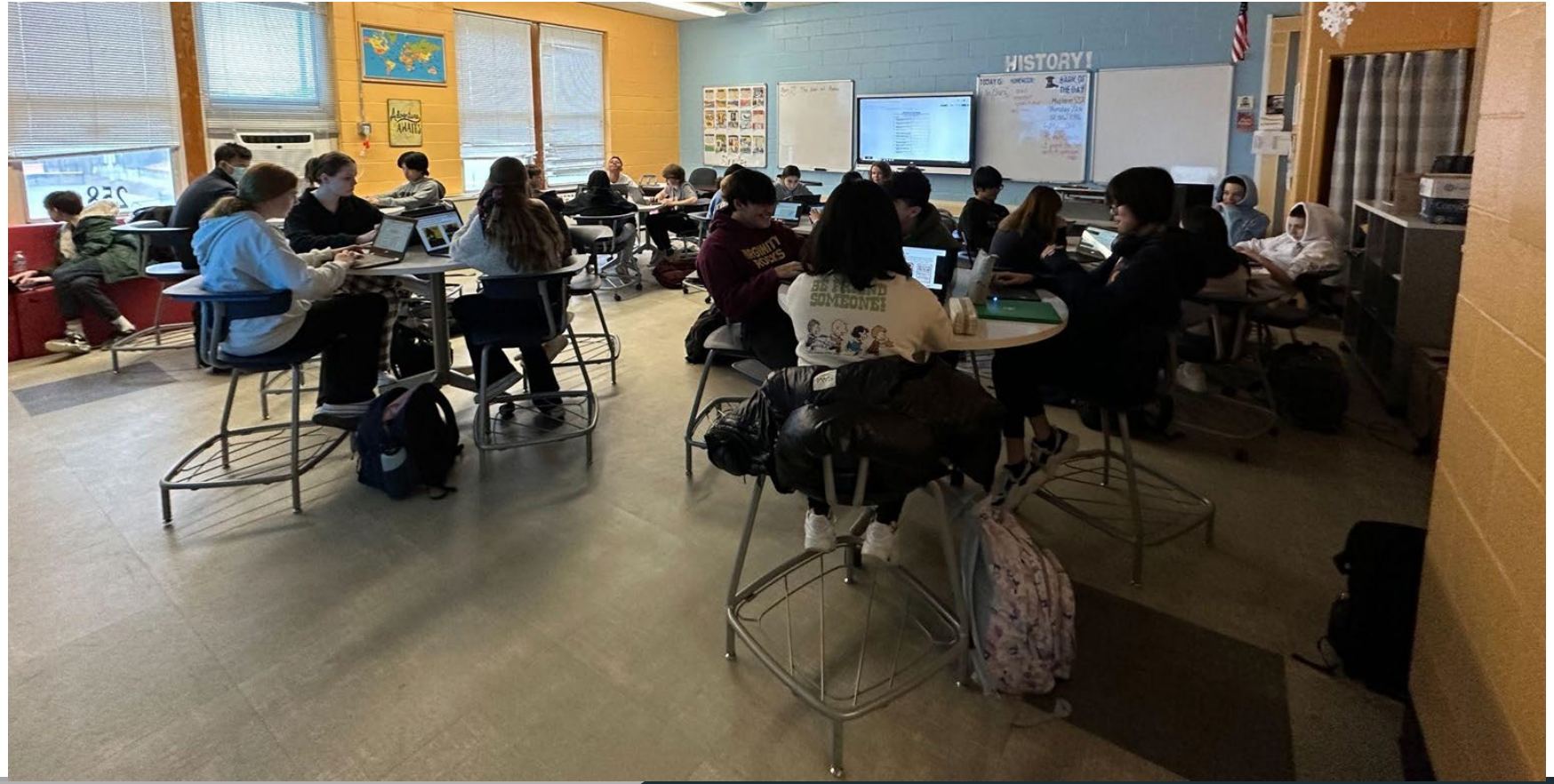
Improving Facilities

World Language Lab



AP Studio Art

MS Social Studies



Engineering

HS Keyboarding Lab

Upcoming IT Projects

Expanding Network Connectivity

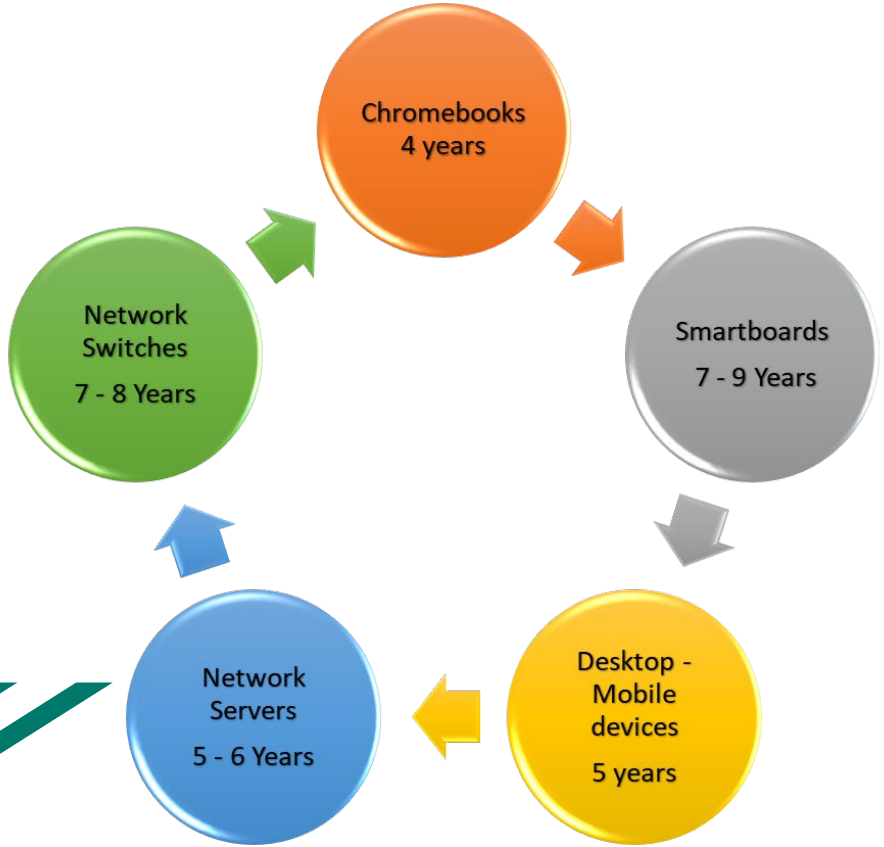
Expanding Network Connectivity

Wifi Rotation/Upgrade

This summer the Secondary School existing End Of Life wireless access points located throughout the Secondary School.

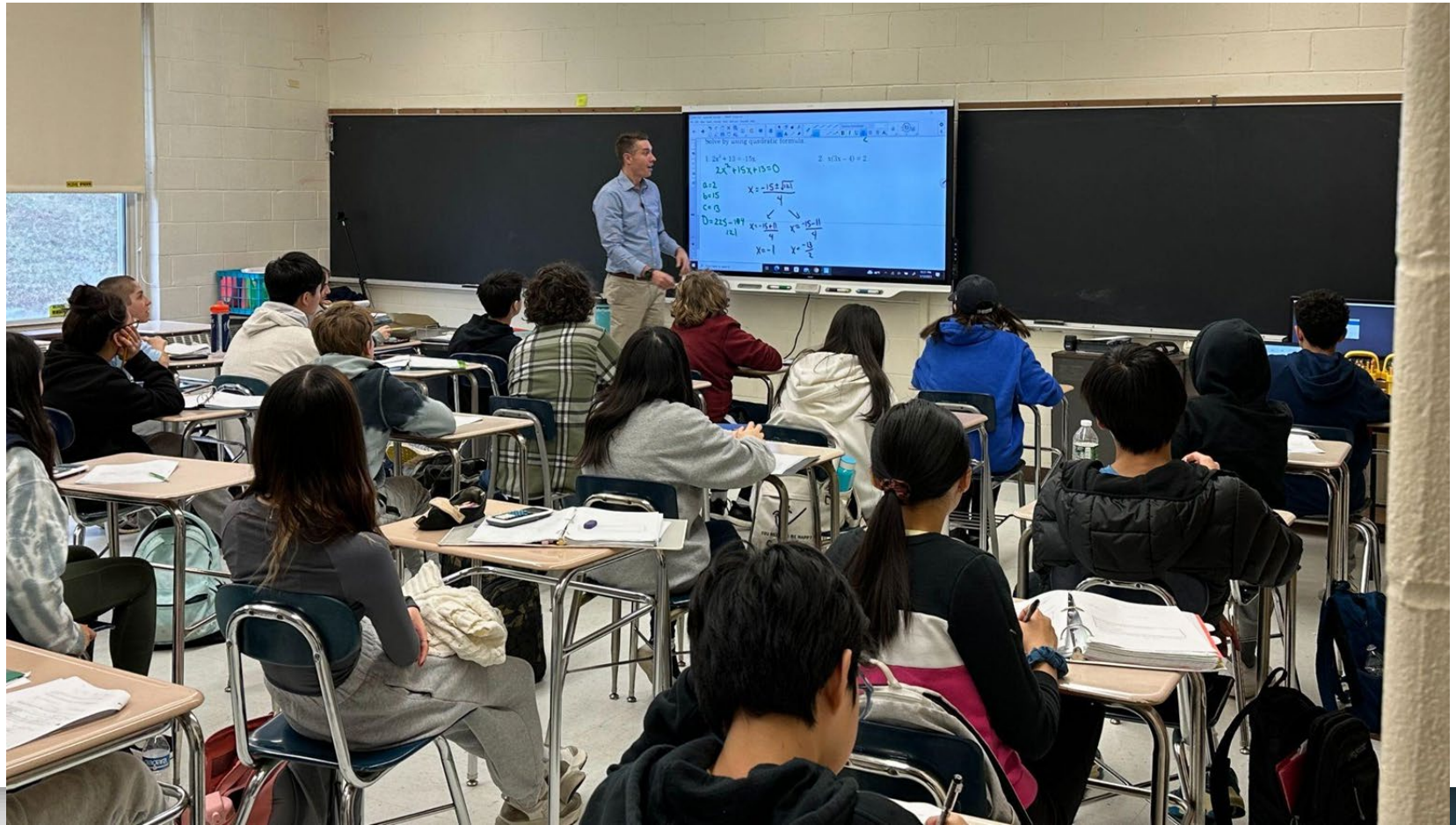
These include classrooms, small instructional spaces, large common areas (e.g. auditorium, cafeteria, gymnasium, library) and offices.

Hardware Rotation



Technology is Everywhere

HS Mathematics



Sean Adcroft, MUFSD
Director of IT & Libraries

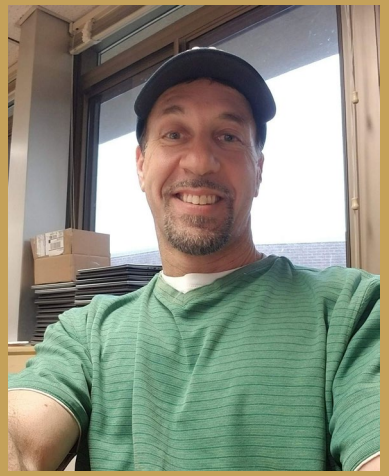
Peter Niceforo, MUFSD
IT Manager

Tom Critelli, MUFSD
Cybersecurity Specialist

Tom Spampinato, Network Administrator

Chrissy White, Assistant Network Administrator

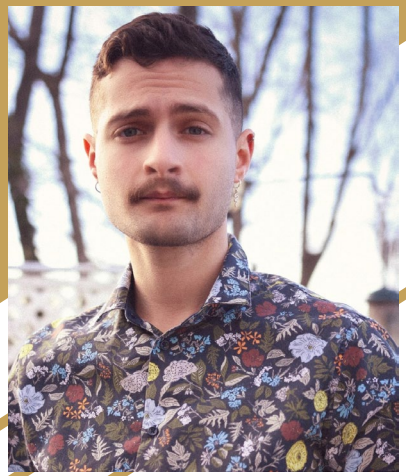
Frank Tassone, AV Technician



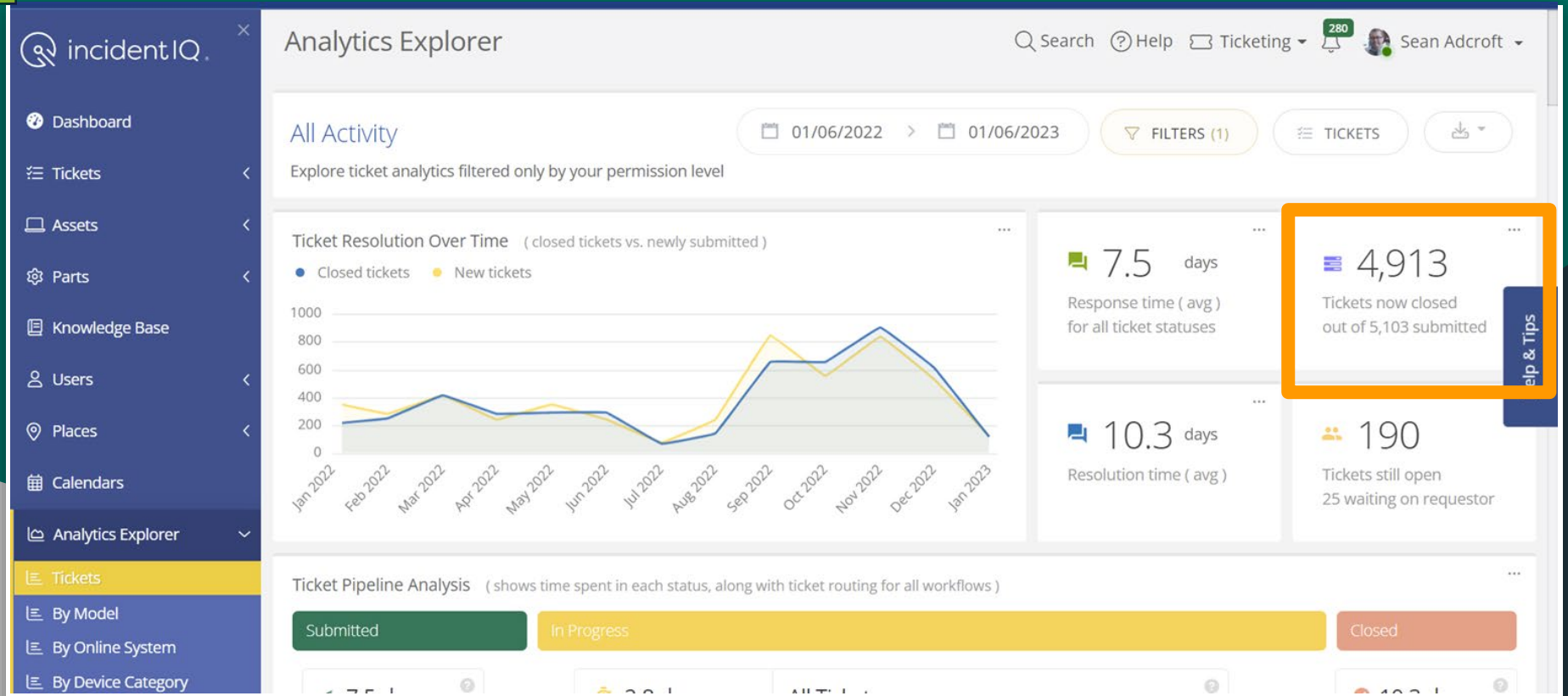
Pat Perrelli, Technician

Nick Manning, Technician

CSDNET



Steve Reiss, Technician

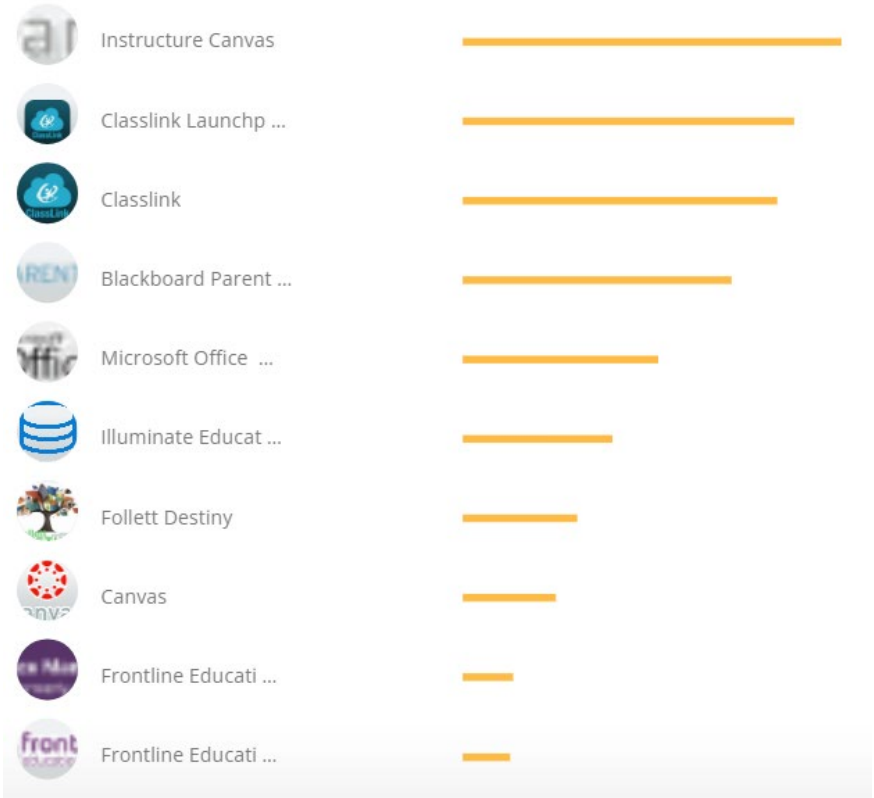


Tracking the Work - Incident IQ

Devices supported by IT

Devices	Total Devices
Chromebooks	4252
Copiers, Printers, & Scanners	409
Desktops / Thin Clients	1012
Document Cameras	137
Interactive Boards / Smart Boards	244
Laptops / Notebooks	570
Servers	30
Switches & Routers	87
Grand Total	**6741**

Supported Software



Critical CyberSecurity Tools

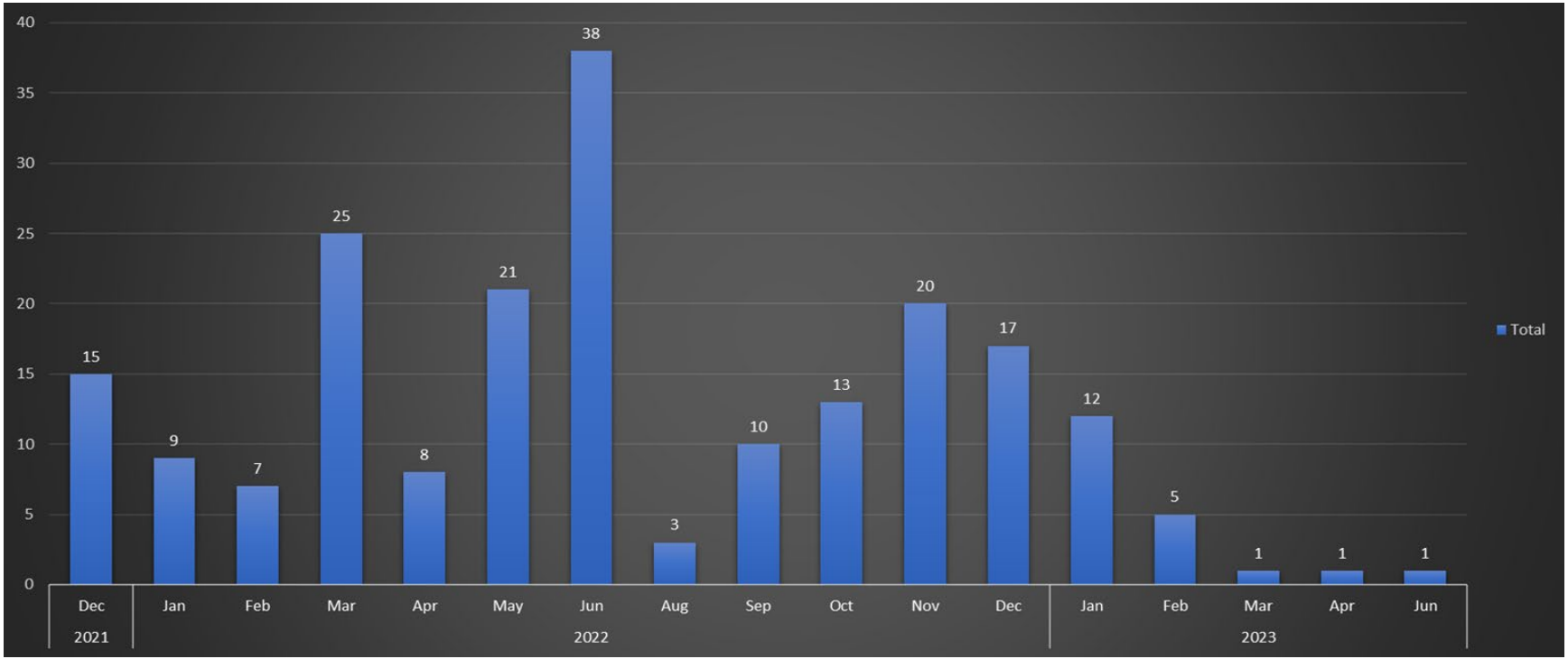
Malware Mitigation

- Next Generation Firewall
- Endpoint Detection and Response (EDR)
- Managed Detection and Response (MDR)
- Multi-factor authentication (MFA)
- Password Locker accounts

Electronic Records Management (ERM)

- Varonis Systems
  - Categorize data by sensitivity
  - Automatically move sensitive data to increase security
  - Detect anomalous behavior.
  - NIST compliance

Audio Visual Events supported by IT



Manhasset
Public
Schools
0:03 / 1:00:17
Board of Education
zoom

Thank you for your support!