

# Technology Update

May 13, 2024 School Board Business Meeting

“It is a great day to be a  
SABER!”



EVERY KID IS MY KID

## Compelling Vision

**It is our moral imperative** to change until all of our systems measurably work for each and every student.

**Our focus must be** on ensuring each **member of our organization** maintains **high expectations** and provides **unwavering support** for each of our student learners.

**It is our responsibility** to make sure each and every student receives **quality core instruction** and develops **agency** when it comes to their own learning.

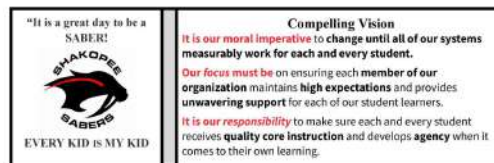
# Purpose of the Technology Update

To provide a synopsis of where we have been, where we are now and what's next.

To illustrate alignment with the district's mission, vision and priorities, as well as the compelling vision.

To build upon previous updates given to the Board to continue alignment and transparency.

[Resource: Technology Updates](#)



## Technology Update 2024

*Purpose: This report allows us to provide a comprehensive overview of technology deployment in the district, updates on current and upcoming projects, and clarity on how technology funds are spent and how staff and students benefit as a result. It also provides transparency on the Capital Projects (Technology) Levy passed in 2015 and each iteration of the report serves as a running record of how the objectives of the levy are being fulfilled. The impact of the levy cannot be overstated and we believe our learning environment is stronger not simply for the device each student has, but for the breadth of opportunities we can offer.*

### Instructional Technology Department Vision

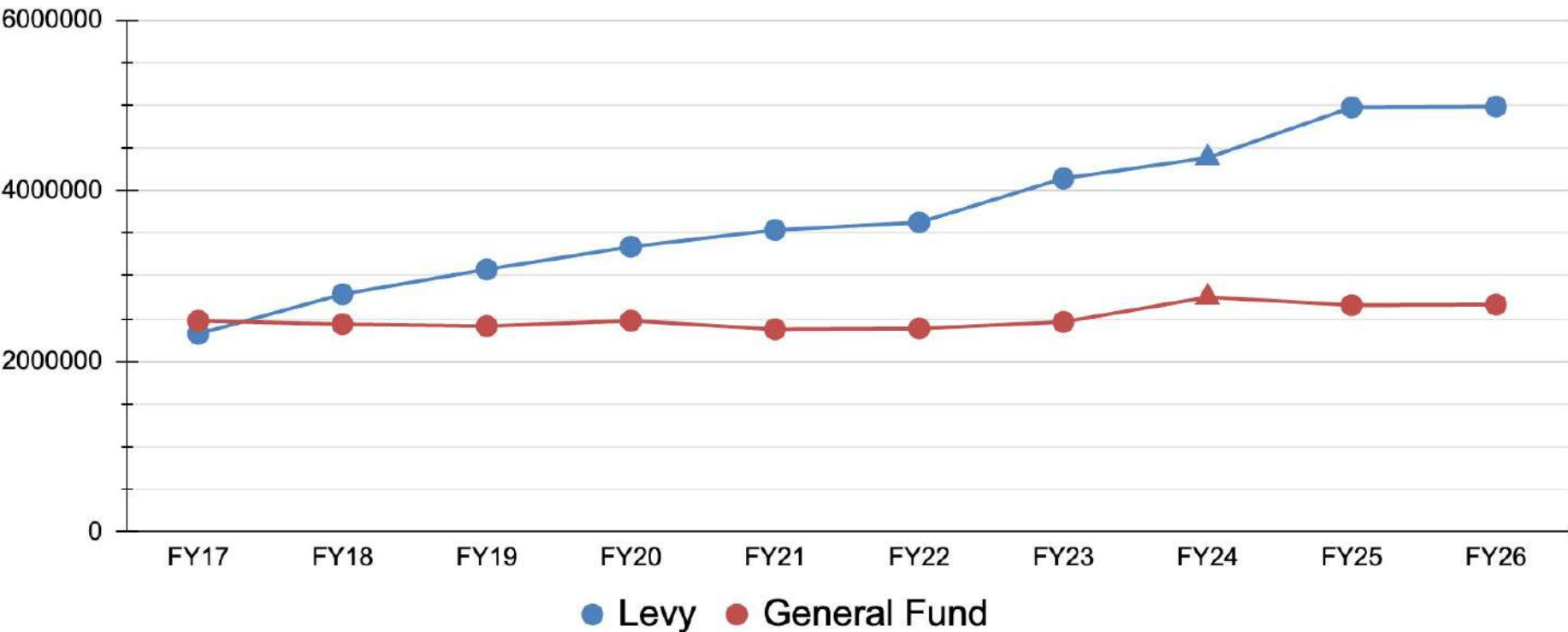
Shakopee Instructional Technology Services  
will support the district's educational goals  
by providing high levels of reliability, service, and support.

# Capital Projects Levy – Funding Context

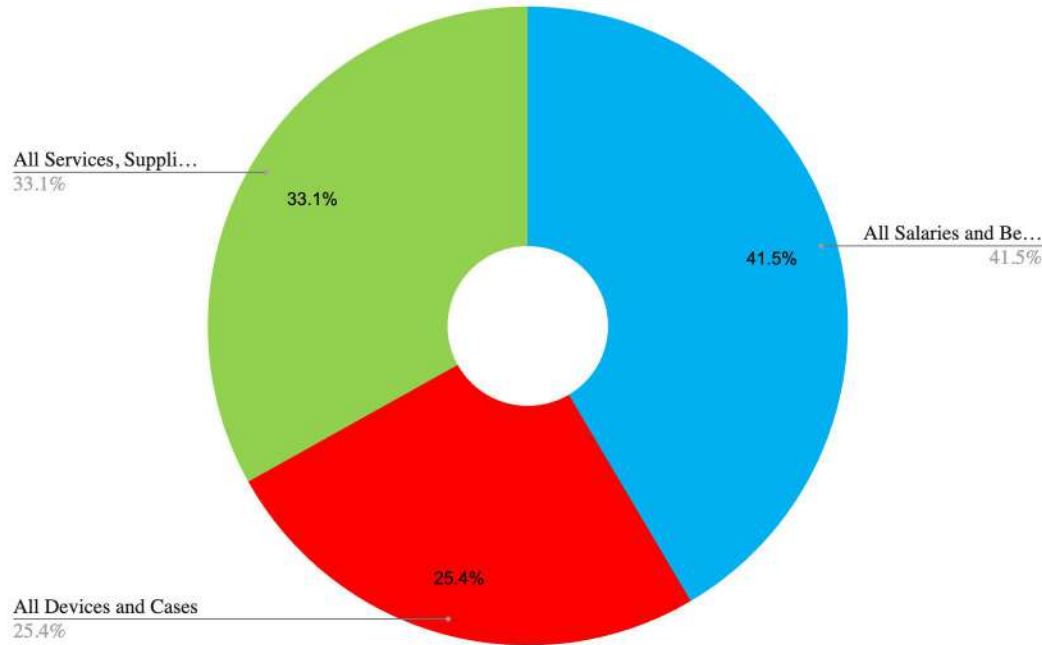
- **The voters in Shakopee approved the school district's current Capital Projects Levy on May 5, 2015.**
  - Most technology funding is local.
  - Some on-going additional funding including E-rate and Telecom equity aid.
  - Occasional/lapsed funding via grants & COVID relief.
- **The final year of revenue from the current levy is collected in calendar year 2025 for use in the 2025-26 school year.**

# General Fund & Capital Projects Levy

Technology Expenditures - General Fund and Capital Projects Levy Trends



# Empowering our safety and learning environment with a blend of personnel, systems and devices



**Building Technology** - directly support 1,000+ staff and 8,000 students

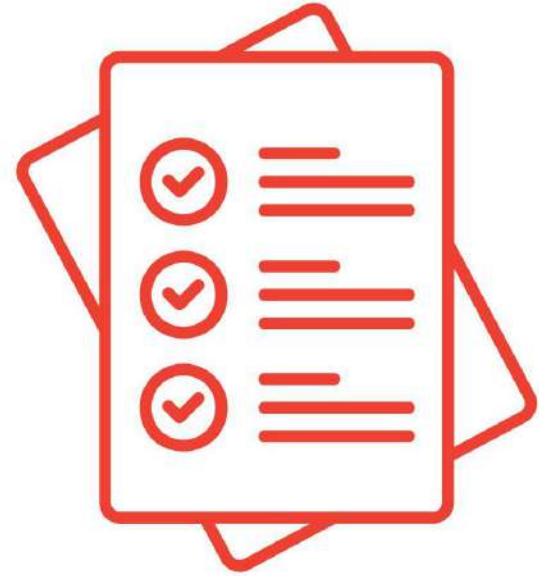
**Safety leads (tech w/ B&G)** - Directly support visitor management systems, notifications & communications, cameras

**Programs/Partners (sysadmins)** - Directly support finance, Payroll, Apple, etc.

**Theater/Arts** - Directly supports student activities (6-12)







**Coaches/BLCs** - Directly supports teachers & instruction

**Here's what we said  
we would do in the  
last report thanks to  
2015 funding  
stream...**



# What We Said - Report Card



<b>System Updates (email, phone, HR/Finance)</b>	Goal Met 
<b>Infrastructure Updates (network, servers, wireless coverage)</b>	Goal Met 
<b>1:1 Devices</b>	Goal Met 
<b>Audio-Visual Refresh</b>	In-Progress 
<b>Staffing to support all initiatives</b>	Goal Met 
<b>Continuous training</b>	Goal Met 

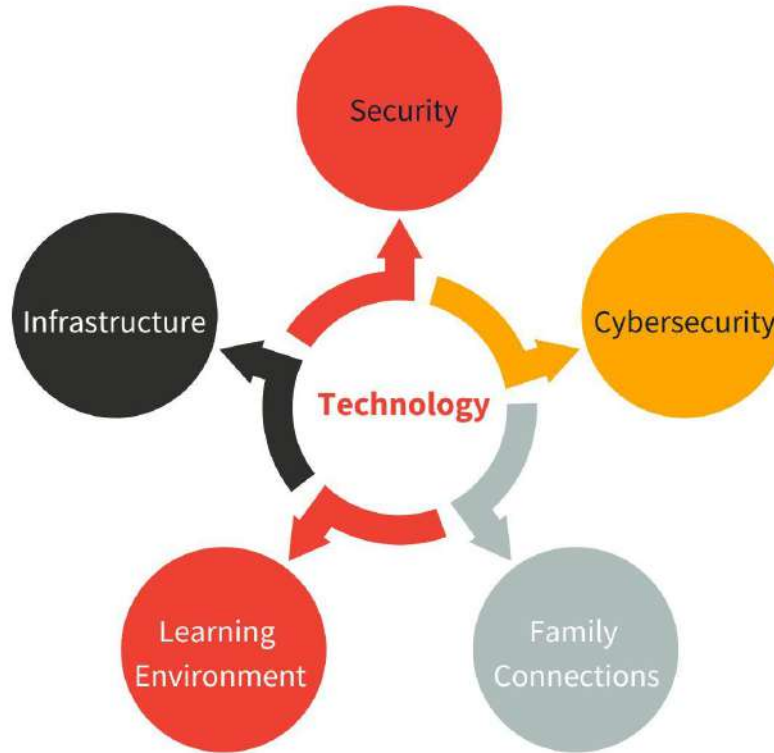
*Update and revise original set of goals, while leveraging what we have built to provide additional and improved services...*

# Goals - New & Maintaining

- Areas we are already working on or have identified for additional improvements
  - **Cybersecurity:** our ability to implement preventative measures and respond must keep pace with potential threats
  - **Digital curriculum:** more content is digital and our tools, training & processes must evolve to ensure smooth transitions and implementation



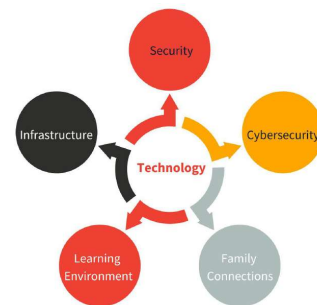
# Technology Connections



# Impact - Physical/Infrastructure

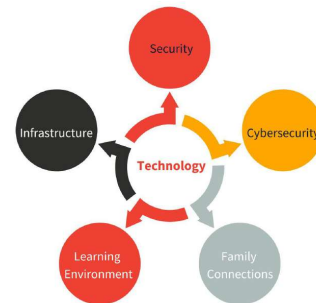
- Continuous updates to network and systems infrastructure.
  - Key components such as firewall, wireless network controller, switches and network closet hardware, wireless access points.
  - Data processing and storage systems.
  - Redundancy and backups built in wherever possible.

*All of this infrastructure supports...*



# Impact - School Security & Safety

- Multiple systems that align with our processes for safety, including:
  - Keycard entry
  - Raptor visitor, volunteer, & emergency tools
  - Camera surveillance - over 700 across district
  - Phone system
  - Walkie-talkies
  - Various door buzzer and alert systems

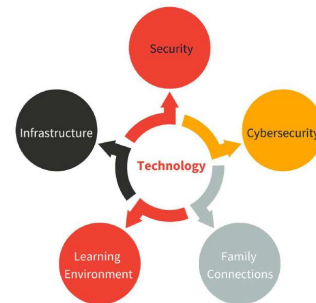


*Systems that exist for the benefit of...*

# Impact - Students & Staff (Learning Environment)

- Students & Staff use of technology shows up in so many ways, including:
  - Differentiated and individualized instruction (and yes, this is an area where AI will be a positive)
  - Translation and assistive tool support
  - Corporate internships
  - Home-school communications
  - Boundless creativity

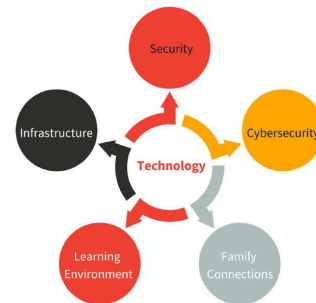
*Families benefit as well...*



# Impact - Family Connections & Partnerships

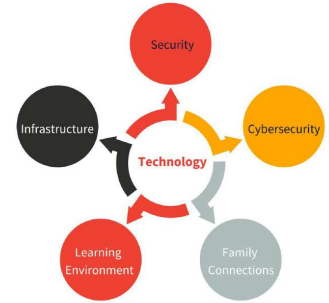
- Inviting families to be as connected as they would like with maximum visibility to student performance and progress
  - Empowerment and ability to connect (Infinite Campus, Seesaw, Canvas)
  - Languages and accessibility (Smore, website)
  - Athletics & activities (ticketing, registration)
  - EC registration & online enrollment process
  - Transportation (partnership with Palmer)

*Generating a lot of data, which we keep safe by...*



# Impact - School Safety, Cybersecurity

- All of these systems hold and generate a lot of data, and that needs to be kept secure. Some of our proactive measures include:
  - Account management and security
  - On-going “best practices” training
  - Multi-factor authentication
  - Device monitoring and intrusion detection



# Systemic Adaptation

- **1:1** - It was a goal reached as quickly as we could manage to benefit our students.
- **Insurance fees** - Eliminating was not just a matter of practicality, it was a moral imperative.
- **Recycling & Surplus sales** - We squeeze every dollar out of the device lifecycle.

