Little Silver Borough School District

Technology Plan 2025-2028



Vision: To empower all students and staff with seamless, reliable, and innovative technology that enhances teaching and learning, fosters collaboration, prepares students for success in the 21st century, and ensures a safe, secure, and inclusive learning environment.

Mission: To provide equitable access to high-quality technology resources, including assistive technologies, professional development, support that enables effective integration of technology into the curriculum, promotes digital citizenship, and strengthens both digital and physical security measures.

At Little Silver Schools, we believe digital citizenship is the responsible use of technology to learn, create, and participate in a rapidly changing world. As digital citizens, our individual and collective actions intertwine to create the kind of digital world we want to live in. As a school district, our goal is to support students in participating responsibly and meaningfully in the digital world.

A Little Silver Digital Citizen...

...acts safely by protecting personal information and making responsible choices online.

...shows respect by communicating kindly, standing up against cyberbullying, and understanding the impact of their digital footprint.

...thinks critically by questioning what they see, recognizing and crediting the work of others, and creating thoughtfully.

...balances technology use with healthy offline habits to support learning, relationships, and well-being.

...contributes positively to online spaces—reflecting our district's belief that every voice is valued and every action matters.

In partnership with families and the community, we help students use technology as a tool for learning, creativity, and connection, preparing them to be responsible citizens and leaders—both offline and online—in an ever-changing world.

Goals:

1. **Device Standardization**: Transition to a Google Chrome OS ecosystem for classroom devices by 2028.
2. **Network Infrastructure Enhancement**: Maintain and optimize gigabit internet connectivity, enhance wireless network capacity, and consolidate/upgrade network equipment, upgrade physical servers, integrate networking closets into backup generator circuits, and replace and maintain UPS (Uninterruptible Power Supply) systems districtwide.
3. **Interactive Classroom Technology**: Equip all classrooms with interactive touchscreen boards by 2028.
4. **Data Security and Privacy**: Implement robust cloud-based filtering and security measures.
5. **Professional Development:** Offer ongoing professional development to staff on effective technology integration, digital literacy, innovative teaching practices, and the utilization of assistive technologies.
6. **Sustainability and Funding**: Explore and leverage funding opportunities, including E-Rate and PTO grants.
7. **Enhanced Physical Security**: Upgrade the physical access control system and improve camera security coverage.
8. **Assistive Technology Integration**: Provide and support assistive technologies, such as iPads and other touchscreen devices, to meet the diverse learning needs of students receiving special services.
9. **District Technology Handbook:** Create and maintain a district technology handbook for students, parents, and staff to reference

regarding district-provided technology and its associated policies and expectations for technology use. Handbook to be completed and published during the Winter of 2026 under the parent resource tab on the district website.

10. **Audio Infrastructure Modernization:** Upgrade and maintain the district's overhead speaker systems to support clear communication and school-wide audio integration.

Timeline and Action Plan:

Year 1 (2025-2026): Foundation & Planning

- Conduct device inventory, network infrastructure assessment, and data security review.
- Evaluate interactive technology options and develop a Chromebook/Chromebox classroom rollout plan.
- Assess physical servers, network closets, UPS systems, and audio systems throughout the district.
- Develop upgrade timelines and replacement schedules
- Conduct access control and camera system reviews

Year 2 (2026-2027): Initial Implementation

- Begin Chromebook/Chromebox deployment and initial wireless upgrades.
- Begin physical server upgrades to improve performance and reliability
- Initiate phased replacement of UPS (uninterrupted power supplies) systems in critical network locations
- Plan and design the electrical integration of networking closets to backup generator circuits
- Pilot installation of upgraded overhead speaker systems in selected areas
- Begin upgrades to access control and camera systems in high-priority areas

Year 3 (2027-2028):

Expansion & Refinement

- Continue Chromebook/Chromebox deployment and wireless upgrades
- Continue physical server upgrades and UPS replacements with monitoring integration
- Complete integration of networking closets with backup power, where feasible
- Expand overhead speaker upgrades districtwide
- Continue access control and camera system installations

Optimization, Support, & Evaluation

- Complete ChromeOS rollout and network optimization.
- Finalize server and UPS upgrades districtwide.
- Evaluate backup power performance during simulated outages.
- Complete installation and testing of new overhead speaker systems.
- Evaluate the effectiveness of technology integration and security systems.

Ongoing Activities:

- Streamline technology support processes and conduct regular data privacy reviews.
- Maintain and test UPS systems and backup power connections
- Perform preventative maintenance for physical servers and network equipment.
- Conduct periodic sound checks and maintenance for overhead speaker systems.
- Regular maintenance of access control and camera systems.
- Provide ongoing professional development and assistive technology support.

Success Measurement (Combined):

- Technology: Enhanced network performance by way of hardware upgrades (servers, switches, access points), successful implementation of interactive technology, and secure and protected student data.
- Physical Security: Improved safety and enhanced monitoring capability.
- Assistive Technology: increased student engagement and equitable access to the content and curricula.
- Audio Infrastructure: clear communication across all buildings.

This revised plan offers a comprehensive approach to technology, security, and equity/inclusivity, acknowledging the importance of assistive technologies in addressing the diverse needs of all learners. Regular review and updates will ensure alignment with district goals and evolving best practices.