

Keith Roberts, Director of Technology

Center Cass School District 66

699 Plainfield Road

Downers Grove, IL 60516



Keith Roberts - Director of Technology
January 2025 Board Report

During the past month, significant progress has been made in enhancing the audio and video capabilities of the Lakeview STEM Lab. These upgrades were designed to improve the overall learning experience by integrating advanced technologies that support interactive and collaborative instruction. New audio equipment has been installed to ensure clear sound quality, allowing both teachers and students to communicate more effectively. Additionally, state-of-the-art video displays and connections have been added, enabling seamless presentations and access to diverse multimedia resources. These improvements have not only elevated the functionality of the lab but have also provided a more engaging environment for STEM education.

In addition to these upgrades, many repairs were processed and shipped to our repair partner. This effort also involved swapping out several aging projectors with newer models to ensure consistent classroom performance. These replacements have resolved ongoing issues with image quality and reliability, further supporting a more effective teaching and learning environment.

During this period, we also conducted vital server and network maintenance. These efforts included updating software, optimizing network configurations, and replacing outdated hardware to enhance overall system performance and security. These proactive measures have reduced downtime and improved connectivity, ensuring a reliable technological infrastructure supporting instructional and administrative needs.

AI tools have been deployed to assess vulnerabilities across the district's digital infrastructure to strengthen network security further. These AI-driven systems provide real-time analysis and predictive insights, enabling the IT department to identify potential threats and take preemptive action. This approach not only enhances the security posture but also ensures the integrity and resilience of the network in an evolving threat landscape.

2025 is set to bring some exciting improvements to our overall technology systems!