

**Waterloo Community Unit School District No. 5**  
**Director of Technology**

DATE: November 17, 2025

TO: Mr. Charron, Superintendent  
Waterloo School District Board of Education

FROM: Mr. Nick Hergenroeder, Director of Technology

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**Technology Board Report**

District Communication Infrastructure

I have met with representatives from HTC on several occasions to evaluate the feasibility of adding a dedicated “constant hot” phone line to each building and the district office. These discussions have focused on pricing, as well as the advantages and potential challenges of implementing a system that operates independently from our existing phone network.

Mascoutah Technology Visit

Amber Cruser and I had the opportunity to visit Mascoutah School District to gain a firsthand look at their Chromebook management processes and 1:1 device environment. The visit provided valuable insights into their deployment strategies, repair workflows, and student support systems, which will help guide our continued efforts to strengthen our own 1:1 program.

Zahnow Elementary – Audio and Security Enhancements

At Zahnow Elementary, our team traced and repaired several non-functioning speakers to restore full coverage for building announcements and emergency communications. We also installed new Cat 5 network cabling to support the addition of two new IP cameras, improving visibility and security around the playground area.

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### High School Technology Planning

I met with Mr. McDermott to discuss potential technology improvements and upgrades at the high school. These conversations are focused on planning for future infrastructure enhancements and identifying areas where technology can better support teaching and learning.

### Renaissance Assembly Technology Coordination

Initial planning meetings have begun with the Renaissance team to identify technology needs and support for their upcoming assembly. Coordination efforts will ensure smooth integration of audio/visual components and overall technical readiness for the event.

### OKAW Grant-Funded Technology Purchases

Using OKAW funds, we purchased a new construction-grade laptop for use with the woodworking CNC machine, as well as a new laptop for Ms. Mudd in the Agriculture Department. These updates will provide improved reliability and performance for both instructional and operational needs.