

February 2025–District Technology Update

February Update

February has brought another new project as well as some movement to other projects. We have some scoreboard options for replacing the current basketball scoreboards as well as getting a brand-new scoreboard at the soccer field. I will have updates on things I have spoken about at the previous meeting and a few updates to how the school IT is working to help our community.

Our security expansion is going to start happening in March. I have received all the equipment and have come up with a plan for the swapping of NVR (Network Video Recorder) as well as implementing more cameras. I will be working with Principal Brown to find what areas best need a camera and exactly how we want to install them for the best monitoring.

The point-to-point system should be in place by the time of the meeting, pending any snags. As of typing this We already have the first leg of it installed and are just working on getting the point at the soccer field installed. I have tapped Robert Jones and his class in possibly making a custom mount for our network equipment that needs to be in the building so that we will take up as little of a footprint as possible. Once this is all done, I will install an outdoor wireless access point, and we should have all the internet/network access we need down at that part of campus.

A new project at the table this month is scoreboards. I know our soccer team had been trying to get one down at the field. Ben kept coming to IT asking for help in repairing broken shot clocks in the gym. After speaking with Ben, we found the biggest challenge for our system in the gym was just old equipment forcing us to buy cheap things that work with that old equipment. I suggested I have some extra room in my budget this year and we may be able to swing it. After discussing this with Superintendent Miller and giving a light cost analysis on everything we started to plan. Ben and I met with Darren Steers and got exactly what we thought we needed on paper. We contacted some companies and got quotes. You can see all those quotes along with the suggestions made by Ben and myself. Our suggestion falls well within the IT budget for this year and leaves ample room for any emergency that may come up as well as other small projects that may need to be done.

The “ongoing projects” are all still being actively worked on. Inventory is going to get a good sweep and clean this summer so we should have near 100% accuracy for all devices and where they are at. Documentation is still being actively worked on. I am also working on documentation on fixing common issues or making minor system changes like installing a printer. I am still working on the best way to make this documentation accessible to everyone. This also includes digitizing the 2CJ Tech Handbook.

PC Repair Group is doing well. We have expanded with an extra student joining us for the new semester. These students make sure all devices in the lab are ready for state testing and that all of the Chromebooks in the testing carts were ready to go and charging. They have been a great help to me this year and I have been very satisfied with the outcome of the program thus far. As with anything, there are improvements that can be made, and we will be fine tuning as we move forward.

Projects

Security expansion

Point-to-point for internet at Soccer field

New Scoreboard for Soccer and Basketball

Ongoing Projects

Inventory

Documentation

Digitize 2CJ Tech Handbook

PC Repair group

E-Rate

Microsoft 365 implementation

Intercom research