

## Technology Infrastructure

### Telecommunications Capacity

E-rate currently only supports local and long distance telephone service and district-provided cellular telephones. The current telephone system was installed in 1997 and was upgraded in 2004. The phone system is a multi-line system fed by 15 lines serving 58 telephones. The system is at its maximum carrying capacity. If funds are available we plan to convert to an IP-based phone system during this Technology Plan cycle. We also plan to provide smart phones with data plan for administrators and support staff to help make their work more efficient.

While there are no plans to construct new buildings but we do plan to renovate classrooms in each building to serve as Digital Tool Resource Rooms. These rooms will be equipped to serve the technology and learning needs of students at every level, K-12.

### Hardware and Software

Every teacher and administrator within the district has a laptop computer. Almost every classroom has an interactive white board and projector. There are multiple desktop computers in most elementary classrooms for student use. Each building has a computer lab and the middle school and high school have mobile computer labs and carts with 25 iPads for classroom use available to classes. The predominant operating system is Windows XP. As more computers are purchased they will be delivered with Windows 7 operating system. There are a very small number of Apple computers and devices within the district. The average age of equipment used for delivery of instructional services within the district is \_\_\_\_\_. The range is less than one year to over ten years. There is not a systematic replacement cycle in place for older equipment, although strategies for moving to a 5-year replacement are included in this plan.

A limited "Bring Your Own Technology" (BYOT) plan is in place at the High School. Students use cell phones primarily as their device of choice, although there are also tablets and laptops in use by students. Students primarily use their devices for internet research, although there is some use of the devices as Student Response Devices, as tools for collaboration in the "cloud", and other similar activities.

### Distance Learning Technologies

The High School Distance Learning Lab is served by a ?? codec. The Elementary School



Distance Learning Center is housed in the school library/media center and is served by a ?? codec.

### **Technology Support Staff**

There are currently two full-time technology support staff serving as technicians, system administrators, network administrators, help desk, and trainers. Training for technology staff includes both face-to-face and virtual attendance at workshops and conferences, subscriptions to trade journals, and participation in the coop and state technology training events. At current levels of implementation staffing is adequate to support the teachers and staff at existing levels of implementation. This level of staffing will not be adequate to support additional devices or software applications that may be acquired by the district in the future. Additional support staff will need to be in place as the number of devices increases and the demand for training increases.