

2012-2013 Budget Request Form
 Tom Taylor - Technology

Priority # 1	Account Code:100-113-323-2000-10 and 100-113-323-545-2000-10
Item being requested: Upgrades to Berry Shoals network, including replacing cabling, central switching infrastructure, and core switches.	Price per unit: Total project - \$250,000
Justification: <p>Currently Berry Shoals has unmanaged Waters switches connected to outdated multimode fiber optic cables in each classroom. The current system limits classroom ability to transmit video and other Internet resources to those classrooms using our current vBrick system. This project would centralize network switching and replace outdated cabling with a system that would allow for these resources to be used in the classroom, as well as creating a system that will be more cost effective to maintain for the long term.</p>	
Priority # 2	Account Code: 100-113-323-2000-10 and 100-113-545-2000-10
Item being requested: Switching infrastructure and servers for district office.	Price per unit: \$75,000
Justification: <p>Updated switching will allow greater throughput for Internet access for the entire district as well as the central office. Project includes replacing multiple district office servers with a more virtual server environment and a Storage Area Network (SAN) for the district. These upgrades are necessary as a prelude to converting from a Novell Netware environment to a Windows Server environment. Consolidation of servers will result in long term cost savings as separate servers will no longer be required for each application. Servers to be consolidated include Testview, Food Service, Web services, and Distance Learning.</p>	

Priority # 3	Account Code: 100-113-323-2000-10
Item being requested: Conversion of current Groupwise e-mail to hosted e-mail system.	Price per unit: \$60,000 for total project including conversion and hosting
Justification: District Five is currently on a Novell/Groupwise e-mail system which is in need of upgrades. Migration to a hosted service would eliminate the need to maintain servers for e-mail in the district, and would provide greater integration with mobile phones and other smart devices.	
Priority # 4	Account Code: 100-113-323-545-2000-10
Item being requested: Upgraded network infrastructure components for Byrnes High School and Byrnes Freshman Academy	Price per unit: \$210,000
Justification: The core switch and edge switches at these two schools have reached end-of-life and can no longer be maintained under service agreements. Current switches are twelve years old. Upgraded switching will allow for more efficient data exchange and will extend the network life of these components for an additional 10+ years. This is the first phase of a proposed district-wide upgrade project.	
Priority # 5	Account Code: 100-113-545-2000-10
Item being requested: Unified wireless networks solution for all district locations.	Price per unit: \$80,000