

GOAL: Improve School Facilities

STRATEGY: (3) To improve technology

Major Activities	Staff	Resources	Timelines	Indicators of Success
Improve the configuration of the wireless network.	IT Staff, Aramark	Network Consultant, funding	Beginning September 2012 and ongoing	That wireless devices (iPADS, Chromebooks) work in all areas of the building seamlessly.
Internet Bandwidth into the building needs to be increased. Over the past 2-3 years several in house applications have migrated to being hosted externally, driving the need for more bandwidth. Current BW= 30 Mb Down, 5 Mb Up; Desired BW = 100 Mb Down, 15 Mb Up	IT Staff, Aramark	Network Consultant, funding	Beginning September 2012 and ongoing	Performance of Internet websites and externally hosted applications is improved.
Upgrade the current network infrastructure which has several bottlenecks. Currently there are (10) HP Pro Curves supporting the wired & wireless networks. These switches are approximately 6 years old.	IT Staff, Aramark`	Network Consultant , funding	Document requirements by December 2012. Upgrade the core switches and Edge switches by September 2013.	Performance of the BES network improves and bottlenecks are eliminated.
iPAD expansion - Expand the deployment of iPADS to include a 1:3 device/student ratio in grades PreK-5, adding approximately one cart per year. *If feasible within budget	IT Staff	Funding	Within 5 year period.	1:3 student/device ratio in grades PreK-5
Chromebook expansion – Expand the deployment of Chromebook computers to include a 1:2 device/student ratio in grades 6-8, adding approximately 25 Chromebooks per year. *If feasible within budget	IT Staff,	Funding	Within 5 year period.	6th through 8th grade students have Chromebook computers (1:2 device/student ratio)



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