To: Santa Fe Trail, Board Of Education
From: Sean Cole Nelson
Subject: October 2013 Technology Report

Technology Summary
Technology Department is busy with technical support tickets, labs maintenance, ipad iOS and application updates, infrastructure adjustments and updates, and SIS updates.

iPads Jones Grant 2013
The ipads are being used daily across, Overbrook, Scranton and 5th & 6th at CAC. The iPads are used in class and for special projects like Grandparents day at Scranton.
iPads are being updated weekly, to accommodate application changes as well as the latest iOS release. This process can take several hours per building, so far has been manageable.

WAN and Infrastructure
- Mercury Wireless WAN has been a great improvement for the district in passing network traffic building to building. After installation we experienced minor instabilities at Overbrook. Mercury quickly switched out a radio and since links have performed seamlessly.
- The additional bandwidth added this summer is being utilized at 60-75% daily at highest peak times. Network traffic adjustments have been ongoing and daily to keep all equipment running as necessary. If district increases number of devices accessing the internet, it will be necessary to increase bandwidth.

New Lab at SAC
SAC received upgraded equipment from HS allowing them to have another full computer lab. This classroom is also used for Art on the front portion of the room. This lab really turned out nice, the artwork makes it.

Current Projects
- Daily Tech Support
- Investigating options for desktop security. Our current AV solution will no longer be developed and/or supported by manufacturer.
- HS Tower/Antenna move for HS Gym roof repair

- PowerSchool Custom Reporting and pages
- VPP Code Licensing
- Experiment and working in the Google environment
  - Create Google domain with possible plans to migrate
- Investigate ticket system and implement
- OAC wiring closet basic maintenance
- OAC, SAC and HS/DAC update subnets
- DAC Core Switch replacement
- Firewall install for redundancy