



BRUSH RE-2(J)
TECHNOLOGY

Brush Technology News

Gearing up for Summer

VOLUME 8.0

MAY 2011



The Technology Department made great strides in technology improvements during the 2010/2011 school year. This was accomplished using the same budget as was established in the preceding years. However, the dollars were spent using different criteria and funds were freed to upgrade equipment by spending less on outside support.

We have an aggressive list of replacements and improvements in the District's technology during the 2011/2012 school year. Some of these numerous changes are detailed in this newsletter.

As with all departments the Technology Department has reduced the budget by 8% as specified by the BOE. We feel even with these cut-backs we will still be able to enhance the District's ability to use technology to provide some additional needed tools and capacity assist teachers using 21st Century devices to enhance their work.

The Highlights of the Main Technology Projects For Summer 2011

Completion of Fiber Optics Wide Area Network in June:

During the month of June the old low capacity 1.5Mb QWEST T1 lines will be retired and the new 1Gb Fiber Optics WAN Network will be fully functional.

Replacement of the Following Labs:

Brush Middle School Student Lab, Brush Middle School Classroom Lab, Beaver Valley Student Lab

Replacing the Internal Network Infrastructure at BHS

The BHS internal network will be completely rewired to bring it up to standard with modern networks. The new network will consist of state-of-the-art CAT6 Ethernet with all network infrastructure devices consolidated into 3 data facilities within the school. This in conjunction with the new Fiber Wide Area Network (WAN) will provide the capacity needed to rapidly access the network.

The current state of the BHS internal network consists of multiple generations of equipment that were installed over multiple years. This staged network equipment process caused a mix of mismatched components located in dozens of locations throughout the building.

Remaining Old Model Teacher PCs at BHS to be Replaced:

Those teachers that did not receive a new PC during this school year who work at BHS will be upgraded to new PCs.



Rewire of Brush Middle School

Brush Middle School has some misconfigured and aged network devices and connections. These will be rewired during summer break to assist BMS in even greater network access during the coming school year.

Server Consolidation

All servers now located in each building will be moved to the Main Data Facility at Beaver Valley. This eases the administration and backup procedures for these systems.

Teacher System Preparations List for Summer Break:

1. Shutdown your PC before you leave.
2. Make sure to label your PC and monitor with your room number
3. PLEASE— NEVER MOVE YOUR PC FROM ONE ROOM TO ANOTHER WITHOUT FIRST CONTACTING TECHNOLOGY.