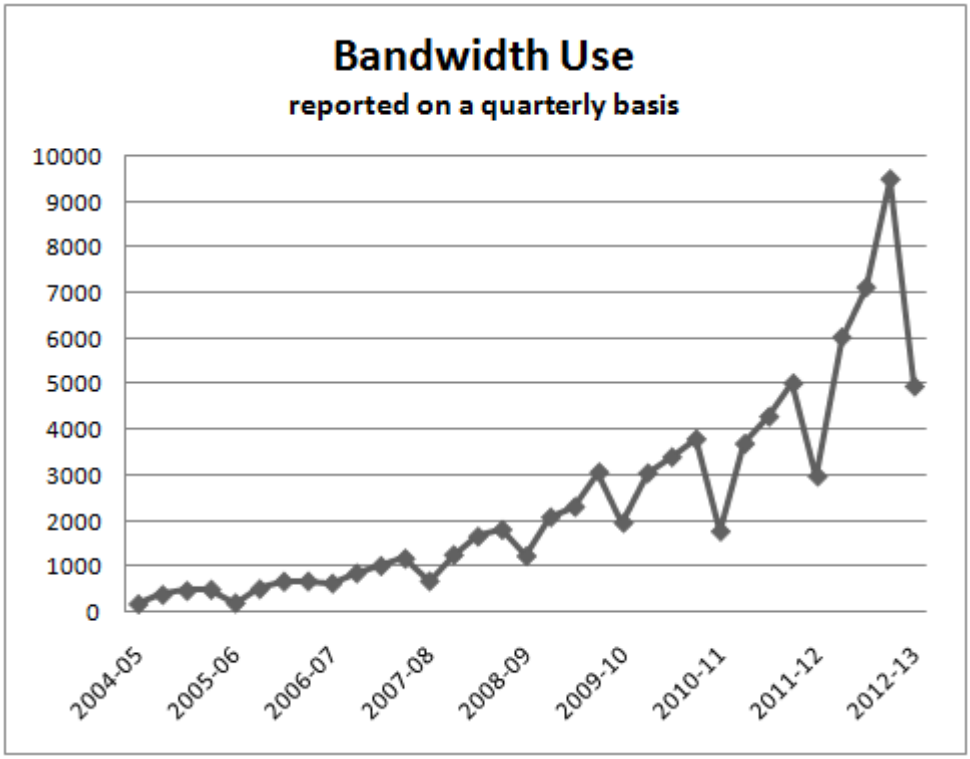
Technology Director
Board Report
October 23, 2012

What's going on around here?

This school year has already been an incredible opportunity to learn and there looks to be no shortage of that in the near future. The configuration and deployment of iPads has been a huge project. We have deployed seven iCarts with iPads for student use around the district. There are three iCarts at the high school and the two other schools have two iCarts apiece. A quick look at our inventory shows that we now have 277 iPads that are being used by staff and students. That brings the number of devices which are used to access the Internet to approximately 650.

What you might be interested in hearing about.

The ramifications of adding so many devices to the network is not easy to anticipate. One such element is the volume of Internet traffic (bandwidth consumption) that passes through our district router. These iPads represent more than a 60% increase in the number of systems accessing the Internet from our network. With this increase and the increased demand for sites with rich content (e.g. youtube, facebook, ESD112 Media Services) we expect bandwidth consumption to increase dramatically. The figure below shows our district bandwidth consumption prior to the distribution of iPads for use with students.



There is never a shortage of challenges to face in an industry that changes so rapidly. We will be working together as a team to identify and solve the issues that arise as we make the changes necessary to make our school system the best it can be.