

Board Report - 12/12/16  
Technology Update

Teacher Training:

1. Very successful implementation of the Technology Professional Development Plan. ALL 100+ (number) teachers completed their first three levels (Red, Orange, Yellow) by the deadline, which was August 17th. Currently working to get all teachers up through Green by the start of next semester.
  - 42 % of staff trained through Green currently.
  - 28 % of staff trained through Blue
  - 18% of staff trained through Purple (end of year goal)
2. Some teachers have requested help with adding tech to their lessons or how to convert various things normally done on paper to digital. New ways to present material. Problem or project based learning (PBL) type lesson ideas. App suggestion requests. Meeting with one teacher every two weeks to help with tech integration. Ways to make grading easier and more streamlined.
3. Teachers are sharing resources with one another. I may show one or two teachers something and they share with other teachers.
4. Jan 23rd inservice will feature tech PD for half of the day. Surveyed teachers to get an idea of needs then planned sessions around their responses.

Insurance/Taking home

- Total of 995 enrolled in one2one insurance, 675 have paid insurance and are able to take devices home. (67.8%)
  - Elementary: 58% of students have insurance
  - Middle: 70% of students have insurance
  - High School: 84% of students have insurance

Breakage/Damage/Manufacturer Defect

- As of the beginning of the year, there've been 69 damaged devices
  - 39 of those were manufacturing defects
  - 30 have been accidental damage (dropped, kicked, etc)
    - 23% from Elementary: 7 damaged devices (chromebooks)
    - 30% from Middle: 9 damaged devices (chromebooks)
    - 47% from High School: 14 damaged devices (12 chromebooks, 1 Macbook, 1 Macbook charger)
  - Broken screens tend to be the main source of damage. We've found a place to order screens in bulk and are repairing screens in house at a lesser cost than having to replace the whole device.

Issues

- Maxing out bandwidth - looking into possible solutions such as adding Lightspeed to the firewall, in order to improve internet speed.

- Classroom management - monitoring students - looking into possible solutions that will allow teachers to see and monitor what's on student screens. Some teachers are trying out HiveSchool by Aerohive to monitor student screens in the classroom.

#### Tech Usage Around the District

- Elementary: ThinkCentral (Go Math!), Raz kids, collaboration on Google Docs, through Classroom, etc. Virtual Field trips and Google Hangouts. Kindergarten apps to reinforce skills, Google Tour Builder, video creation - students videoing projects, reflections, etc. Creation of a Makerspace
- Middle School: Some teachers are flipping their classroom, putting creative spins on projects, digital portfolios using Google Sites, GoFormative for exit tickets, paperless science classrooms, Google Classroom utilized a lot of assignment distribution and collection, video and comic creation. Creation of a Makerspace.
- High School: Google Classroom, Quizlet, Online textbook (science), Google Tour Builder, Piktochart, Desmos Graphing Calculator, SeeSaw (digital portfolios), Thinglink, interactive images, Forms, Kahoot.