

2016 - Keeping our Students Safe Online H.B. 213

Through HB 213, community councils have been asked to play a more active role in keeping our students safe online. The first part of this report is district information focused on the areas of technology use, student education, and parent education. The final page is a school report focused on the same areas.

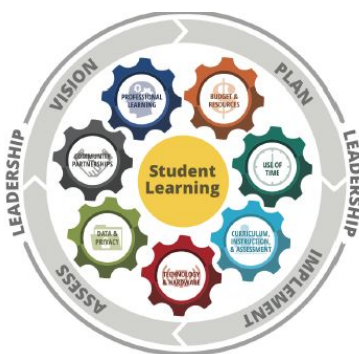
District Report

Technology Use in School- Filtering and Management **Filtering Information**

- Alpine School District uses the UEN recommended iBoss content filtering system
- We have different rule sets for elementary and secondary schools so that we can allow some sites in secondary schools without allowing them for elementary schools, although most blocked sites are blocked on all student and guest networks.
- For our elementary computers and Chromebooks we have a special login for K-2 users which limits use to the sites directed by the teacher. We cannot enable unique settings for each school to maintain their own list of allowed and blocked sites. Besides the technological and bandwidth resources this would take, more complexity causes more vulnerability in any security environment.
- The filter works by categorizing known internet content and then allowing us to block inappropriate categories such as pornography, social networking, gambling, weapons, adult content, gaming, etc. Many sites are uncategorized and are blocked on the student network.
- ASD has three different network segments: staff (district or school owned staff devices), student (district or school owned student devices), and guest (all personal devices) network. The guest network has the same rule set as the student network.
- You-Tube and Social Media sites like Facebook and Twitter - These sites are open on the staff network and closed on all other networks. The only exception is for the high school Social Media class where they are opened just within the lab under supervision of the instructor.
- Google Images - Google images are allowed for users as part of Google. Our iBoss filter has enabled safe search for image searches.
- Weebly and Blogspot Pages - By default these sites are open for staff but closed for students and guests. We open individual sites for teachers who create class websites in these platforms. These sites are not allowed for students to create individual sites and blogs for school use. The district provides a managed blogging service called edublogs for student and teacher blogs and sites using the asdpages.org domain. Google Sites is also available.

Management Systems

- Desktop and Laptop - The Alpine School District currently is using a site license for LanSchool to manage some desktop and laptop devices. This allows the instructor to monitor the screens of users electronically as well as lock down certain screens.
- Google Apps Management - We are also heavily integrated with Chrome Management for the many ChromeBook and ChromeBox devices that are in use today. It allows us to manage what apps and service are available for users. For instance, this system is what allows us to set our student Gmail accounts to send and receive email only to teachers and other students.



- MDM - We use the AirWatch mobile device management system to manage iPads. This allows us to manage which apps are loaded onto devices and to purchase apps legally for school use.

Supervision

- Teachers are asked to monitor students whenever they are online, either electronically or by walking around the classroom.
- Teachers should never put a student on a device with access to the internet in a place or situation where the student knows that the teacher cannot monitor their activity such as in a hallway or back corner of the room.
- Teachers should take special care when directing students to add art or photos to projects by directing them to safe collections of pictures and art like kidzsearch or kids.nationalgeographic.com.
- When inappropriate content is accessed by a student or staff member (either seemingly by accident or on-purpose), the student or students should be removed from the dangerous situation and the school principal or administration should be notified. The device should be isolated and the Technology Office should be contacted. Beside working to fix any issue discovered, the Technology Office will work with the administration to gather information and take appropriate measures if the Acceptable Use Policy was violated

Student Education

Elementary Schools

- Digital Citizenship is one of the standards for our elementary technology specialist teachers. Lessons include resources from NetSmartz, CommonSense media and other state and national resources.
- All teachers who go online should include digital citizenship as part of their regular instruction. The technology specialist is a great resource.

Parent Education

- Many organizations provide great information for parents to help students stay safe when online at home. A few great resources are:
utahpta.org/netsafety netsafeutah.org/ utahnetsmartz.org/
- Has your school provided any information or resources to parents in the past concerning online safety practices and tools?
- Has your school provided any information to parent concerning the topics and information their students receive concerning digital citizenship?

Eagle Valley Elementary

Computers and Devices in the School for Student Use- List the devices and main uses (Office applications, research, presentations, CAD, Graphic Design, Curricular apps, etc.)

- Apple Computers - iMac, Mac Mini, or MacBook Pro stationary or mobile labs-
 1 mobile MacBook lab (32 computers)
 1 main computer lab Mac Mini (40 computers)
 1 AlphaSmart cart (32)
 4 MacBooks in each 2nd grade classroom

- Uses: adaptive computer programs, Google Drive, research, keyboarding, end of year testing
- Windows Computers - Windows based stationary or mobile labs- none
 - iPads - Classroom deployment or mobile carts-
 - 1 iPad Cart (36 iPads)
 - 1 Teacher iPad for each teacher (17, k-6) (students do not use)
 - 10 student iPads in each grade 1st-6th
 - 6 iPads per kindergarten classroom (some district, some school owned)
 Uses: adaptive computer programs, assessment, research
 - Chromebooks - Classroom deployment or mobile carts -
 - 32 Chromebooks per grade (grades 3rd-6th)
 - 1 Chromebook cart (36)
 - 6 Chromebooks-Resource classroom
 Uses: adaptive computer programs, assessment, research, Google Drive, end of year testing

Management - Are you using LanSchool or other management tools for devices or labs?

LanSchool used in the main lab

District management software is loaded on all iPads, ChromeBooks, MacBooks

Supervision - What training has been given or is being planned to help teachers know how to best supervise students online and what to do if they become aware of inappropriate use.

Opening Faculty Meeting rules of student use are discussed as a entire group

Email reminders sent in weekly updates to teachers

Students login with individual login (grades 3-6)

Digital Citizenship Plan - How does your school manage rotation through the elementary lab or through the media center. What topics are addressed with each grade level? What other teachers cover Online Safety topics? Have you held any school wide training (white-ribbon activities, assemblies)

- Google Doc sign up for computer lab and all mobile labs
- Mobile labs are kept in central locations
- Grade levels manage usage of grade level ChromeBooks and iPads
- Assembly: NetSmartz assemblies K-2, 3-6 in the fall
- Computer Specialty and Classroom teachers cover safety topics
 - Online responsibility
 - 3rd-4th in computer specialty, NetSmartz video, district technology core lessons
 - Internet Safety
 - 3rd-6th, in computer specialty, district slideshow
 - Copyright
 - 3rd-6th, plagiarism, slideshow
- Teachers are given links to NetSmartz, NetSafe, etc. to use with their students
- Misuse:
 1. Separate student and devices then report to principal
 2. Principal reports to tech and determines if devices need to be secured
 3. Teacher is asked about supervision and monitoring of devices
 4. Tech runs scans and investigates

5. Teacher educates students on computer use before devices are returned
6. Devices are returned and individual students disciplined if needed

Parent Resources and Information- What information has been shared with parents about online safety at school? What resources for home online safety has been shared?

- Parents are informed of technology procedures in student handbook sent out in the fall and posted on the district website
- Parents are given links to NetSmartz resources during the month of the NetSmartz assembly
- PTA set up an information table during conferences with resources

Policies - What are your policies for students bringing devices from home including computers, tablets, and phones?

Students are not allowed to bring devices from home into the classroom at any time. If students bring phones, they are to be turned off and kept in backpacks during school hours.

Decision Making - How does the school balance access and safety appropriate for the grade levels at your school?

The district manages safety software/hardware for the elementary schools. Teacher supervision is critical and devices will be removed if students are not supervised during use. The school technology committee gathers input on access and use from grade levels and makes decisions for future purchases based on teacher input.

Guiding Principles - What does the administration see as important opportunities for our students related to constructive, proactive technology use? What does the administration see as the greatest threats for your students?

- Students need to have access on a daily basis to technology to support learning
- Learning should be infused with technology as students develop skills to be 21st-century citizens
- Digital citizenship education is essential to responsible online presence and becoming a member of today's global society
- Greatest threats: not using technology to create content and become a contributing member of the global society because of teacher knowledge or access to technology, students accessing new sites that are not filtered or caught by district software, students not fully understanding online responsibilities (digital citizenship)