



Murray City School District DISTRICT SAFE TECHNOLOGY AND DIGITAL CITIZENSHIP REPORT 2020-2021



What filters are being used and how do they work?

Murray City School District uses the Utah Education Network (UEN) recommended iBoss content filtering system. This filtering system is the standard in the state of Utah for schools. We also use a Sophos firewall that has a filtering function to further filter content not effectively blocked by the iBoss system. Content is categorized and allowed or blocked according to default settings that are deemed appropriate for K-12 education. Chromebooks that use district email accounts will not be able to access the internet until the device is connected with our iBoss filters.

Despite the use of industry-proven preventative measures, Internet filtering is an evolving technology. The ability to bypass filters or trick them is also evolving. The district technology department updates the content lists daily and the firmware as quickly as possible to keep the platform stable. There remains a small chance that inappropriate sites or material may be inadvertently accessed by Murray City School District computer users. In such cases, students are encouraged to notify a school employee immediately. Employees experiencing such incidents should make a report to school level administration. These reports will then be followed up on by the district technology department to take appropriate action and make needed adjustments in preventative measures.

Are there different settings used for different grades and school levels?



Although most blocked sites are blocked on all student and guest networks, we do have some different sets of filtering rules for elementary, junior high, and high school students. This gives student's the access to information they need for their courses. There are some sites allowed at the high school level that are not allowed at the junior high or elementary level. Similarly, there are some sites allowed at the junior high level that are not allowed at the elementary level.

How are frequently used sites such as YouTube and Google filtered?



YouTube is available to students in restricted mode. Students may only access YouTube inside the schools by logging in using their district provided Gmail account. Students are only able to watch videos on YouTube that have been approved by Murray City School District teachers or administrative staff.

Google searches are checked for specific key words and sites are blocked according to the content rules set forth in the filtering software. An alert is sent to district technology personnel when these key words are searched.

What management systems are used on devices that provide additional control?



Desktop and Laptop Devices: LanSchool is used to manage desktop and laptop devices. This allows the teacher to monitor the screens of users from their computer and pause computer or internet usage to keep the class focused.

Chromebook Devices: The Google management system is used it is configured to only allow extensions to the Chrome browser that are approved by the district technology department. This management system allows the district to manage what apps and services are available for teachers and students.

iPads: The Apple Device Management System Mosyle Manager is used to manage all iPads in the district. This allows us to manage which apps are loaded onto the devices and to purchase apps legally for school use.

What resources does the district provide concerning educating students on safe internet use and digital citizenship?



All students will receive an online device orientation no later than October 15. They will receive at least one lesson in each of the following topics over the course of the school year: self-image and identify, cyberbullying, relationships and communication, privacy and security, information literacy. Additionally, MCSD will be following the Common Sense Education Digital Citizenship Curriculum and its scope and sequence.

Students will receive at least one lesson in each of the following six topics over the course of the school year:

Media Balance and Well Being, Digital Footprint & Identify, Privacy and Security, Relationships & Communication, Cyberbullying, Digital Drama & Hate Speech, News & Media Literacy..

In our secondary schools, specialty classes that use computers include digital citizenship as part of their curriculum. These classes include College and Career Awareness as well as Business and CTE classes. Each student in grades 9-12 is required to complete .5 credit of computer technology for high school graduation. Courses that fulfill this requirement include standards specifically addressing digital citizenship topics.

What resources does the district provide concerning educating parents/guardians on safe internet use and digital citizenship?



The PowerUp page on our Teaching and Learning website has a link for digital citizenship lessons. We are using resources from Common Sense Education.

Parents are provided a short video to watch during registration which introduces online safety and care of the Chromebooks that are provided for their students.

What resources does the district provide concerning educating teachers on safe internet use and digital citizenship?



All certified teachers are required to complete the online Murray School District Citizenship and Digital Learning course through Canvas or UEN face-to-face training. This course trains teachers on digital citizenship and how to keep their tech savvy students safe while using different components of technology in and out of the classroom.

Additionally, a series of twenty-one (21) Murray School District technology certification courses are available for teachers online through Canvas. These courses can be complete as teachers would like to strengthen their knowledge of digital learning in the classroom.

Two (2) technology instructional coaches are available for teachers to access with regards to digital citizenship and digital learning needs.

What is the protocol when inappropriate content is accessed?



Teachers are asked to monitor students whenever they are online, either electronically or by walking around the classroom.

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 situation and the school administration should be notified. The devices should be isolated and the district technology department should be contacted.

Besides working to fix any issue discovered, the district technology department will work with the school administration to gather information and take appropriate measures if the Acceptable Use Policy was violated.



E-Rate Funding

Federal E-Rate funding is used to pay for the Internet connections between our schools, the district office, and the Utah Education Network. E-Rate funding is also used to update network equipment in our schools.

Longview Safe Technology and Digital Citizenship Report 2020-2021

What devices are being used and how are classes using them?

Chromebooks are used in every class to complete assignments through either Google Classroom or Seesaw (K) and also to access programs like Lexia, Zearn, and other district supported programs that help students practice classroom content or close missing gaps. These programs are used as seamless supports during classroom instruction. iPads and Kindles are also used in some classroom for specific apps that support learning during centers and rotations.

What are the main applications, programs, and sites used in different classes, grade levels, and subject areas?

Google Classroom is used in all classes (1-6) and SeeSaw (K) as the Learning Management System (LMS). Through these platforms other programs and applications are used in conjunction with Clever (program housing platform). GreatMinds, Zearn, Prodigy, and ReflexMath are all used for math. Lexia, RAZKids, Utah Compose and NewsELA are used for language arts. UEN.org, FOSS, and Mystery Science are used for science. Typing Agent is used for keyboarding instruction.

What supervision practices are in place when students are online?

Students are never allowed on any device at school alone. Adult supervision is key to keeping students safe. When students are on electronic devices a few different practices are in place. If it is an iPad or Kindle the guided access feature is used to keep students locked into the desired application and teachers check the history before logging students out. When students are on Chromebooks or computers the teacher is physically walking around the classroom monitoring what students are doing, and also have access to watch all students active Chromebooks from their teacher computers. Additionally, teachers frequently check student histories and take appropriate action when something questionable appears on those histories.

Are there management tools used that allow teachers to digitally monitor student use or limit access to some applications or sites?

Yes, we use a program called LanSchool, which allows teachers to digitally monitor student use, freeze student access, or limit access while on Chromebooks or computers. When on other devices like iPads and Kindles the guided access feature is used to prevent students from moving between applications.

What are the school rules when inappropriate information appears for students, staff and parents?

At school students are instructed to put their “lids” halfway down. This prevents other students from seeing any inappropriate information, but allows students to let the staff know so that they can follow up with getting the information needed to investigate how the information was accessed. Staff report to the principal, and also lets guardians know of the incident. Principal follows up with the MCSD technology department and investigates if access was accidental and if so how to prevent it, or if it was student initiated and follows up appropriately with student and guardians. If parents become aware of an incident that was not reported at school, or that happens at home we ask that parents please let both the classroom teacher and principal know so that proper steps can be followed.

Are there safe reporting procedures for students, staff, and parents so that reporting is safe and encouraged?

Yes. We have found the for the most part students and staff feel just as safe reporting right in the moment, but if they do not they have the option to write a note to their teacher, report to another adult either at school or at home. Staff report via email most often, but occasionally through the district safe reporting site which is also accessible to parents.

How does the school balance access and safety for the grade levels at your school?

By only making grade level intended content easily accessible to students primarily through their Clever logins. Anything that is linked in Clever goes through a rigorous investigation before it is permitted to be linked.

What does the administration see as important opportunities for our students related to constructive, proactive technology use?

The most important thing we hope to help students understand is how the use of technology can help deepen and expand their learning and classroom instruction. It provides endless possibilities for creativity, collaboration, and expression. Proactively we try to help students understand how technology can be used for good, but how just simple little things can enable technology to be used to hurt or harm other through things like cyberbullying and potential pedophile access. We try to help students understand safety settings and why there are certain things that should never be shared electronically (this is primarily important with our upper grade students in regards to various social media and texting platforms.)

What training is currently provided to students about digital citizenship and safe use of technology?

For the 2020-2021 school year we utilized modules created by BrainPop which were specific and appropriate for grade level bands along with some additional NearPod created instruction surrounding digital citizenship and safety. This instruction was given primarily during the first two weeks of school, but has been used additionally throughout the first term.

What training or information is provided to parents about how to discuss and support digital citizenship and safe technology use with their children and how to report inappropriate content?

For the 2020-2021 school year we knew that students would be online more than ever before throughout the district with the various learning options provided to families. So, as district elementary administrators we collectively decided to utilize the Parent University classes to help get this information and education out to parents/guardians. Utilizing this platform provided more consistent messaging and education for all guardians throughout the district.