



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.

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

All grade levels have Chromebooks, and laptop and PC use in the computer lab. Chromebooks are being used whole class and in small groups

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

Programs: Google Classroom, Google Docs, Slides, Forms and Drawings, Math and Science video links, Khan Academy, Zearn, Quizlet, Clever-Newsela, Focal Point, Nearpod, Kahoot, Utah Compose, Classkick, Lexia, i-Ready, Seesaw, Typing Agent, GoNoodle, XMath, MClass/DAZE, etc.

What supervision practices are in place when students are online?

-Proximity
-Observation
-Ensuring all students are logged in as themselves so student's internet activity is monitored and tracked.
-Some classes have a program called LanSchool where the teacher has access to all screens
-Often times students "police" each other

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

The district monitors student access while at school on sites. Teacher supervision is the best deterrent for keeping students on sites that they should be using. The district oversees all applications on devices.

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

1. Exit the program!
2. Report the content to a teacher
3. Immediately sent to the principal and principal will contact parents if site was sexually inappropriate or violent

Administer Consequences

1st offense -teacher/student discussion of why students need to be specifically on school approved sites and following teacher instructions.
2nd offense -loss of internet privileges for 1-5 days, contact parents if offense warrants it.
3rd offense- loss of internet privileges for 5 -10 days, contact principal and parents will be personally informed by classroom teacher.
4th offense -conference with principal, parents, teacher and student to determine next step

-If student looked content up intentionally, have class or group discussion about why digital citizenship rules must be adhered to.
-Students who continually misuse internet privileges are taken off their device and given alternative routes to content (paper/pencil).
-If multiple students are continually misusing internet privileges, a conversation with them/entire class will be held and additional digital citizenship lessons will be taught.

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

-Ensuring all students are logged in as themselves so student's internet activity is monitored and tracked.
-District filter catches inappropriate internet usage and blocks objectionable content and notifies principal if action needs to be taken on a student by student basis

- -For school wide procedures, see school rules above

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

- Acceptable use policy is signed by all students in order to have access to computers
- Individualized required sign on for each student
 - -District filter

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

For students to become collaborative, creative, become critical thinkers, and communication. We want them to be digitally responsible citizens who use technology to enhance their curriculum.

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

- White Ribbon Week sponsored by PTA
- Near pod Lessons in Google Classrooms – lessons include information literacy, self-image & identity, relationships, and communication, cyberbullying, and privacy and security.

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?

- All teachers are required to push out near pod lessons through google classroom
- Invitation to parents to join in White Ribbon activities/speakers
- Parent University, Parent Square, and School Community Council discussions