



## Murray City School District DISTRICT SAFE TECHNOLOGY AND DIGITAL CITIZENSHIP REPORT 2022-2023



### What filters are being used, and how do they work?

Murray City School District uses the Utah Education and Telehealth Network (UETN) contracted Content Keeper content filtering system. This filtering system is the most commonly chosen among the Wasatch Front Districts from the options provided by UETN. We also use a Palo Alto firewall and Net-Ref management system with a filtering function to further block content when it does not get blocked in the Content Keeper. Content is categorized as allowed or blocked according to default settings 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 the Content Keeper Cloud system.

Despite using 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 slight chance that Murray City School District computer users may inadvertently access inappropriate sites or material. In such cases, students are encouraged to notify a school employee immediately. Employees experiencing such incidents should make a report to school-level administration. The district technology department will then follow up on these reports 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 have different sets of filtering rules for elementary, junior high, and high school students. Some sites are allowed at the high school level and not 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. This gives students access to information they need for their courses.

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



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

Google searches are checked for specific keywords, and sites are blocked according to the content rules outlined in the filtering software. When these keywords are searched, district technology personnel send an alert.

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

**Desktop and Laptop Devices:** LanSchool and/or Net-Ref are used in our computer labs. These allow the teacher to monitor users' screens from their computer and pause computer or internet usage to keep the class focused.



**Chromebook Devices:** The Google management system is used and is configured to only allow extensions to the Chrome browser that the district technology department approves. This management system allows the district to manage what apps and services are available for teachers and students. The Net-Ref system monitors student usage; teachers can set enable or block lists while students are in their classes.

**iPads:** The Apple Device Management System Mosyle Manager manages all iPads in the district. This allows us to control 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?



In Elementary, 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 identity, cyberbullying, relationships and communication, privacy and security, and information literacy. MCSD will also follow 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 & Identity, 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 and Business/CTE classes. Each student in grades 9-12 is required to complete .5 credits 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 (under the Programs tab) has a link for digital citizenship lessons. We are using resources from Common Sense Education.

Parents are provided a short video during registration, which introduces online safety and care of the Chromebooks 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 technology components 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 completed as teachers want to strengthen their knowledge of digital learning in the classroom.

Two (2) technology instructional coaches are available for teachers regarding 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 (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 fixing 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 is 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?**

Chromebooks assigned to every student and 3 desktop labs. An iPad lab. These devices are being used for research, experiments, simulations, and word processing (reports). ECS and Digital Lit Class, Journalism Class, and open lab.

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

Quizziz, Nearpod, Newsela, Canvas, Google Classroom, Moby Max, Google Suite, Illuminate, Blooket, Kahoot, PearDeck, UEN Online Library, YouTube, Canva, Mastering Geography- Pearson Online textbook linked through Canvas, Quizlet, Gimkit, AP Classroom, Imagine Learning, Microsoft Suite, Jostens Yearbook Avenue, Zoom, Gizmos, Phet simulations, Screencastify, Padlet, Utah Compose, Common Lit., [www.houseofnames.com](http://www.houseofnames.com), [irishsurnames.com](http://irishsurnames.com), Desmos.com, Adobe Spark, Duolingo, EdPuzzle, Code.org, Scratch, Flipgrid, ClassKick, Saavas Realize (Online Text Book), nitrotype, Adobe, SketchUp, Audacity, Flat.io web app, Yousician

## **What supervision practices are in place when students are online?**

Log-in credentials are tracked by the district IT personnel. LanSchool, Visual teacher monitoring. iBoss and Chrome Managements Console, District filters, NetRef

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

Log-in credentials are tracked by the district IT personnel using iBoss and Chrome Management Console. Teacher monitoring using LanSchool, and visual teacher monitoring, NetRef.

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

“High risk” terms are monitored by district software and referred to administration for investigation and consequences. Depending on severity, and if repeated behavior, consequences stem from a warning to loss of privilege, to police referral

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

SafeUT, an anonymous tip app that can be found on our website. Email and face-to-face reporting.

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

Filtering systems block inappropriate materials; however, YouTube allows teachers to “approve” videos they deem appropriate for their classroom. Teachers may ask for blocked internet sites to be unblocked. This decision is made at the district level.

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

Any opportunity that allows students/teachers to access curriculum and enhance learning/teaching practices. Equal access. Gaining more skills to thrive in a digital world.

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

Digital Literacy Class 8<sup>th</sup> grade. Yearly whole school presentation presented by NetPositive on digital citizenship. Digital Citizenship discussed in each class for the specific subject at hand. Teacher disclosure statements.

**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?**

Newsletters provided through PeachJar, Parent Square, emails, and the acceptable use policy during registration. Teacher disclosure statements.