



Department of Educational Technology & Information Services (DETIS) Report to the School Board

September 5, 2023



Mission Statement

Mankato Area Public Schools
is committed to working together
equitably, with families and communities,
so that each learner has the knowledge
and skills to be a successful and
contributing citizen in a diverse global
society.

Commitment and Values

Visibly Inclusive
Intentionally Equitable
Actively Anti-racist
Committed to Excellence
Accountable for Results



Technology Top Priorities 2023 – 2024

- Information Security
 - Data privacy
 - Cybersecurity
- Website Refresh
- Maintain device ratios and life cycles



Interoperability ▪ Infrastructure ▪ Service Management ▪ Learning Technologies



Information Security

- ◆ Visibly Inclusive
- ◆ Intentionally Equitable
- ◆ Actively Anti-racist
- ◆ Committed to Excellence
- ◆ Accountable for Results

OPPORTUNITIES FOR ONLINE ENGAGEMENT



EDUCATION



PLAY



CREATIVE EXPRESSION



HEALTH & WELL-BEING



COMMUNITY BUILDING

LAWS, REGULATIONS & POLICIES

PROTECTION STRATEGIES

AWARENESS TRAINING + PD

HARDWARE & SOFTWARE ACQUISITION PROCESSES

CYBERINSURANCE

MANAGED DETECTION & RESPONSE



INFORMATION SECURITY

Protecting data (information) and systems from unauthorized access, use, disruption, modification, or destruction, to ensure the integrity, confidentiality, and availability of our information.



FILTERING & BLOCKING

ROUTINE NETWORK INFRASTRUCTURE EVALUATION & UPDATE

INCIDENT RESPONSE PLAN

DEVICE LIFECYCLE PROCESS

DIGITAL LITERACY & CITIZENSHIP

MANAGED RISK



Information Security: Arctic Wolf

A solution that provides our district with a team of certified security technicians that provide a managed detection and response, managed risk and managed awareness solution.

- 24 x 7 monitoring
- Routine team meeting with dedicated security technicians
- Threat detection and response
- Vulnerability scanning
- Staff managed awareness training



Data Privacy: MN Student Data Privacy Law

A law passed for student privacy and create requirements for technology vendor access to data.

- Testing, assessment and curriculum tools
- Annual notification of digital tools utilized within our system
- 72 hours if a student's device was accessed to respond "to an imminent threat to life or safety"
- Learn platform



Data Privacy: MN Screen Time

A child in a publicly funded preschool or kindergarten program may not use an individual-use screen, such as a tablet, smartphone, or other digital media, without engagement from a teacher or other students. This does not apply to a child for whom the school has an individualized family service plan, an individualized education program, or a 504 plan in effect.





Directory Information:

Student's home address, telephone number, email address, or other personal contact information is now private by default.

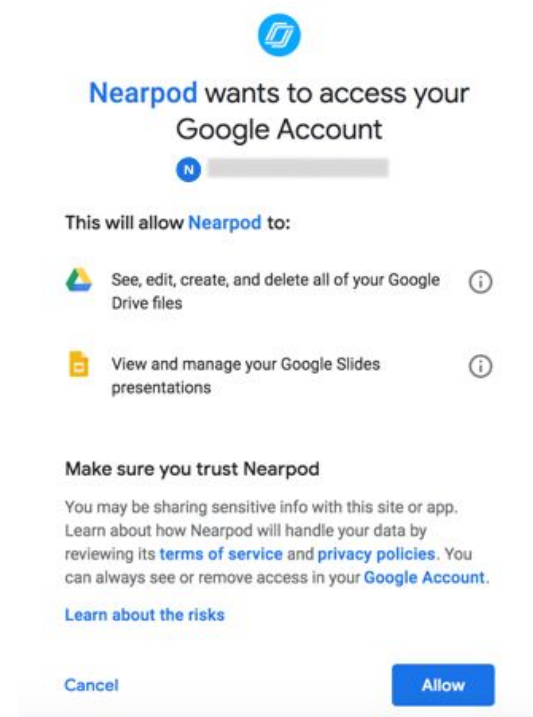
Data Privacy: Policy 515





- October 23, 2023
- Google Workspace for Education Accounts
- Default setting to block all third party apps
- September 25, 2023

Data Privacy: Google API





Information Security: Bond Referendum

- Update wired and wireless network equipment and cabling
- Enhance and secure access to the network





Website Refresh

- Refresh goals to create a website that assists in showcasing:
 - Future-focused school experiences for MAPS students
 - MAPS identity and brand
 - MAPS' mission and core commitments
 - Equitable opportunities and results for MAPS students
- Clean, visually appealing layout

◆ Visibly Inclusive ◆ Intentionally Equitable ◆ Actively Anti-racist ◆ Committed to Excellence ◆ Accountable for Results ◆



Student Device Ratios and Life Cycles

Grades K – 5th

- 2 students for every 1 device
- iPads in grades K – 2
- Chromebooks in grades 3 – 5

Grades 6th – 12th

- 1:1 Chromebooks



Goal: 4-5 year lifespan



Staff Device Ratios and Life Cycles

Teachers

- 2 devices for every 1 teacher
- Each classroom has a desktop workstation
- Mobile device is either a Chromebook or iPad Pro

Paraprofessionals

- Chromebooks

Secretaries

- Desktop workstations
- Shared Chromebooks

Facilities

- Chromebooks
- Desktops for building automations

Nutrition Services

- Point of Sale PC machines
- Kitchen desktops



Staff Device Ratios and Life Cycles

Health

- Chromebooks

School Board

- Chromebooks

Volunteers

- Shared Chromebooks
- Building common space desktops



Goal: 4-5 year lifespan



Thank you

Questions?