



# OKEMOS MEDIA & TECH

## CYBER SECURITY

*OKEMOS PUBLIC SCHOOLS  
MEDIA & TECHNOLOGY DEPARTMENT*



# CYBER SECURITY

- *Cyber security refers to all aspects of protecting an organization and its employees & assets against cyber-attacks*



# WHAT ARE CYBER ATTACKS?

- **MALWARE** - *Malicious software that gains access, changes, or destroys sensitive information on your systems*
- **RANSOMWARE:** *Extortion for money (systems and/or data held up from being able to be used )*
- **DENIAL-OF SERVICE ATTACKS (DoS):** *interruption of normal business processes by attacking the network to slow/stop network*
- **PHISHING:** *Techniques to entice a victim to share sensitive information or to download a malicious file with a virus*



# HOW ARE WE PROTECTING AGAINST CYBER ATTACKS CURRENTLY?

- Firewall
- Antivirus software
- Content and web filtering system
- Email Filtering and Phishing training





# PLANNED UPGRADES – SUMMER '24

New: EDR & MDR application & services (\$117,000)

- Endpoint (device/hardware) Detection & Response  
*(enhanced anti-virus that provides metrics & isolates suspect devices before issues arise) – SentinelOne*
- Managed (network) Detection & Response  
*(monitoring software of our network with notification and action to stop potential threats with a live security team on call 24/7/365) – Arctic Wolf*

*\* Future insurability ramifications if we don't implement*



ANY QUESTIONS?

