

The image features a white rectangular border containing three horizontal brushstrokes of varying shades of blue and cyan. The top stroke is a dark blue, the middle is a medium blue, and the bottom is a bright cyan. The text is centered within the white border.

**TECHNOLOGY  
BOARD REPORT  
FEBRUARY 2020**



## **E-RATE FUNDING**

### **MOREnet funded through E-Rate**

- **District receives automatic 76% E-rate Discount on invoices**
- **MOREnet rates DECREASED by 9% for the 2019-2020 school year.**
- **District had a need to increase bandwidth from 250Mb to 375 Mb in October 2019 to support connectivity to online learning curriculum.**
- **District has capacity to increase bandwidth to 500 Mb and 1 G as the need arises.**
- **REPLACING ALL Wi-Fi Access Points with 250 units vs. 120 - 2x the power**



# COPIERS

- **Successful implementation**
- **Excellent customer support**
- **Cost savings per copy/print**
- **5 year lease began July 1, 2019**
- **Paper Cut software - staff use fobs to access print jobs to save on copies/paper**



**FILTERING &  
MONITORING  
SOFTWARE**

- **LightSpeed / Relay Classroom**
- **Google Admin. Console**
- **Gaggle Docs / Student Email**
- **Sophos Firewall**
- **Sophos Anti-Virus**
- **Other Options to Consider to Enhance Cybersecurity for Ransomware, etc.**

- **Windows devices upgrade/replacement began during Christmas break (Dec. 23 to Jan. 17)**
- **45 Desktops not able to be upgraded will need to be placed out of commission to avoid a security issue to our network. We will be working with staff on other resources available.**



## **WINDOWS 10 UPGRADE**

# **TEACHER DEVICES & CLASSROOMS**

**2019-2020 : Teacher Macbooks / Apple TVs**

**2019-2020 : Teacher Samsung Touch Screen Chromebook / Chromecast**

**2020-2021 Options : Windows Laptops / NEW Screen Beam**

**Wireless Connectivity Issues (K-2)**

**SPED - Replace (Promethean) Interactive Whiteboards**



**DEVICE  
REPLACEMENT**

## **Chromebook Rotation Plan**

**Elementary - 2nd Grade  
(4 yr rotation)**

**Middle School - 6th Grade  
(3 yr rotation)**

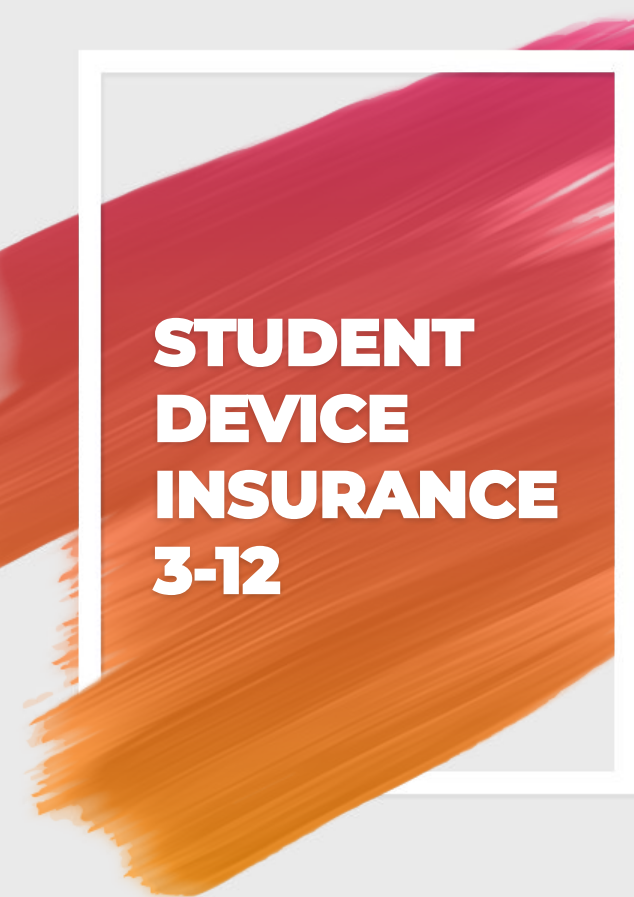
**High School - 9th Grade  
(4 yr rotation)**

## Options:

- **Android Tablets could be managed using the Google Admin. Console MDM (Mobile Device Management) (No Cost)**
- **Windows tablets can be managed using Microsoft Education's NEW Azure MDM (No Cost)**
- **iPads can be managed through the NEW Apple School MDM called Zulu School which was recently acquired by Apple. Cost to \$9/device. Previously \$18/device.**







**STUDENT  
DEVICE  
INSURANCE  
3-12**

<b>One2One</b>	<b>2018-2019</b>		<b>2019-2020</b>	
	<b>Paid</b>	<b>Unpaid</b>	<b>Paid</b>	<b>Unpaid</b>
<b>ES 3-5</b>	<b>144</b>	<b>127</b>	<b>120</b>	<b>166</b>
<b>MS 6-8</b>	<b>176</b>	<b>151</b>	<b>159</b>	<b>163</b>
<b>HS 9-12</b>	<b>228</b>	<b>176</b>	<b>197</b>	<b>190</b>
<b>Total</b>	<b>548</b>	<b>453</b>	<b>476</b>	<b>482</b>



# DIGITAL CITIZENSHIP

***By teaching digital citizenship and literacy we can empower students to think critically and participate responsibly in the digital world.***

- ***See attached Scope & Sequence for Digital Citizenship Curriculum***



**THANK YOU  
FOR YOUR SUPPORT!**

Any questions?