



Muskegon Area Intermediate School District Technology & Security Enhancement Millage



**TECHNOLOGY
HELPS:**



**STUDENTS
LEARN**



**TEACHERS
TEACH**



**KEEP
SCHOOLS
SAFE**

2020-21 Annual Accountability Report by District

December 2022



Dear Citizens,

In March of 2020, just as we were preparing to close the books on the 2019-2020 school year, and year six of the Technology and Security millage, schools across the state were closed and Muskegon County educators scrambled to continue teaching our over 27,000 students. The funds from the Technology and Security millage were our ace in the hole.

Since first receiving funding from the Technology and Security millage, our schools have been improving their network infrastructures and increasing the number of internet capable devices available for students. So, when schools were closed, the technology was in place to allow teaching and learning to continue. If not for the Technology and Security millage, our students and educators could not have continued with the business of education.

As we entered the 2020-2021 school year, our districts were making plans to keep students safe and continue school under unprecedented conditions. Schools employed a wide range of educational scenarios . . . split schedules, multiple cohorts, combinations of in-person and virtual learning, and completely virtual approaches. Our local neighborhood districts partnered with the Intermediate School District to develop new ways of teaching – a partnership that developed virtually, thanks to the Technology and Security millage funding.

During the 2020-21 school year our districts spent the funds the community generously provided through the Technology and Security millage wisely. They invested \$2,930,271.35 for new technology equipment, \$12,232.56 for professional development, and continued to improve school security by expending \$322,491.94 in security upgrades,

Technology equipment investments included purchasing additional Chromebooks which had been proven digital workhorses for students and teachers alike. Existing Chromebooks were refreshed and repaired to maintain and build a 1:1 student to device environment, replacing televisions in classrooms with new, more efficient displays and projectors, moving to more economical Voice Over Internet Protocol phone systems and installing WIFI for buses that could be parked in central locations for students without internet access at home and so students could do their homework on the way home. One district invested in mobile hotspots for students to use at home when they had no other access.

It has always been challenging for schools to stay abreast of the rapid changes in technology, but our local districts have invested thoughtfully to make sure our students and teachers have every advantage possible. In the following pages you will see how districts have invested in a range of educational technology for students.

Security upgrades made by districts included increasing the number of doors protected by keycard access, installing improved lighting for security, and panic buttons to summon assistance.

In the area of professional development several districts are employing technology coaches and educational technology to assist teachers and help them keep their skills up to date.

Technology will never replace a highly skilled, professional educator, but it can truly enhance their efforts. And we are grateful for our community’s generosity in preparing our students for the 21st century and beyond.

Randy Lindquist, Superintendent
Muskegon Area Intermediate School District

DURING THE 2020-21 SCHOOL YEAR, 12 LOCAL PUBLIC SCHOOL DISTRICTS SPENT FUNDS GENERATED BY THE MILLAGE THE FOLLOWING WAYS:



TECHNOLOGY
\$2,930,271.35



PROFESSIONAL DEVELOPMENT
\$12,232.56



SECURITY
\$322,491.94



TOTAL SPENT
\$3,264,995.85

TECHNOLOGY includes technology equipment (computers and other devices used in classrooms, labs, media centers, and offices), supplies and services, network infrastructure, and other services that are necessary to maintain technology.

PROFESSIONAL DEVELOPMENT includes training that specifically addresses the use of technology in the instructional process.

SECURITY includes expenses related to improving the safety and security of students, staff, district facilities and property.

UNSPENT FUNDS The Michigan Public School Accounting Manual requires local school districts to account for all proceeds and expenditures from this millage in a separate fund. Because of this, districts may carry unspent resources forward without any concern of funds being commingled. This allows a district to set aside resources for a larger future technology or security initiative rather than borrowing money.

By law, every dollar collected (plus interest) flows through the MAISD to local districts.

Technology & Security Funding Through a Countywide Millage

On February 25, 2014, voters in Muskegon County said YES to a one-mill property tax increase to improve technology and security within Muskegon County’s neighborhood public schools. Clearly, voters agreed that today’s 21st Century students must have secure schools and strong technology skills in order to compete in our global economy.

The MAISD Technology & Security Enhancement Millage is the first of its kind in Muskegon County. Although funds flow through the MAISD, school leaders and elected school boards of education have complete control and oversight of their expenditure. From 2014 through 2023, this funding will pay for:

- New and upgraded personal learning devices and software licensing fees
- Security upgrades, including added cameras and single, secure points of entry
- Expanded training and support for teachers
- Improved technical support
- Maintaining infrastructure to accommodate multiple learning devices
- Sustaining and maintaining current technology

Between July 2020, and August 2021, the Muskegon Area Intermediate School District received and distributed \$4,952,530.59 in tax revenues generated by the seventh of ten years of the Technology & Security Enhancement Millage.

2020-21 Funding Distributed by MAISD

Neighborhood Public School District	State Aid Membership	Percentage of Total Membership	Funds Distributed to Schools 2020-21
Fruitport	2,627.50	10.54%	\$522,167.07
Holton	833.82	3.35%	\$165,706.32
Mona Shores	3,882.29	15.58%	\$771,533.39
Montague	1,474.31	5.92%	\$292,991.87
Muskegon	3,579.31	14.36%	\$711,321.72
Muskegon Heights	608.41	2.44%	\$120,910.24
North Muskegon	1,026.74	4.12%	\$204,045.60
Oakridge	1,996.85	8.01%	\$396,837.04
Orchard View	2,198.68	8.82%	\$436,947.02
Ravenna	1,027.08	4.12%	\$204,113.17
Reeths-Puffer	3,577.78	14.36%	\$711,017.66
Whitehall	2,087.94	8.38%	\$414,939.49
TOTAL	24,920.71	100.00%	\$4,952,530.59

2020-21 TECHNOLOGY & SECURITY MILLAGE FUNDING



STUDENTS: **2,628**



2020-21 FUNDS
RECEIVED:
\$522,167

2020-21 DOLLARS SPENT



TECHNOLOGY
\$480,980



PROFESSIONAL
DEVELOPMENT
\$0**



SECURITY
\$1,592



TOTAL SPENT
\$482,572*

***paid out of separate funding sources*

*Without the Technology
and Security millage
we would not be able
to provide our students
and staff with
updated technology
needed to compete
in a global society.*



Fruitport Community Schools SUCCESSSES-YEAR 7!

- Purchased additional Chromebooks allowing the district to move to a 1:1 “Take Home” environment in the Middle School.
- Chromebooks were purchased to continue the established replacement cycle.
- Renewed Go Guardian Software licenses for all student Chromebooks reinforcing the current robust filtering system for Chromebooks.
- Purchased various software licenses for student and staff use.
- Ordered laser projectors to replace existing units in the Middle school
- Purchased new PCs to replace outdated units in all of district building offices for principals, assistant principals, guidance & clerical staff
- Purchased and installed a new bell & public address system at Fruitport Middle School.
- Purchased and installed a new district-wide server and a storage area network (SAN) ensuring future growth and stability of the district’s network backbone.

FUTURE PLANS-2021-22

- Purchase new PCs to replace outdated units in all building teaching stations
- Continue the established replacement cycle for district Chromebooks ensuring devices are up-to-date and can handle the evolving technology.
- Purchase and install a new bell & public address system in elementary schools.
- Purchase and install additional cameras for elementary buildings improving the current coverage.



Being part of the Tech & Security Millage was a highlight during the time I was the Superintendent for Fruitport Community Schools, it allowed us to really bring our district to the forefront in using technology in the classroom on a daily basis.

*Bob Szymoniak, Retired Superintendent,
Fruitport Community Schools*



I was glad we had the Technology & Security Millage funds to help us before COVID hit. Because of those funds, many of the devices needed for our families who did not have technology in the home were readily available.”

*Jeff Grossenbacher,
Director of Technology*



**2020-21
TECHNOLOGY & SECURITY
MILLAGE FUNDING**



STUDENTS: 834



**2020-21 FUNDS
RECEIVED:
\$165,706**

2020-21 DOLLARS SPENT



**TECHNOLOGY
\$87,554**



**PROFESSIONAL
DEVELOPMENT
\$5,976**



**SECURITY
\$43,839**



**TOTAL SPENT
\$137,369***

The impact of the millage on our district has been amazing. We have been able to provide a safe and secure environment and technology tools for our staff and students with funding we would not otherwise have had.

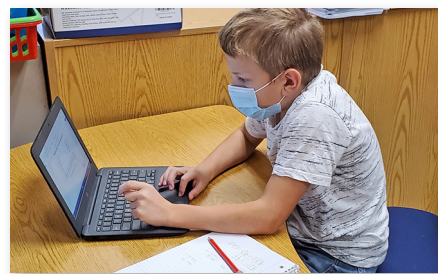


**Holton Public Schools
SUCCESSSES-YEAR 7!**

- Chromebooks were purchased for all students during the pandemic to facilitate virtual and in-person teaching.
- Key Card access was added to our buildings for increased security.
- Teacher Chromebooks and desktop cameras were added to aid online learning.
- GoGuardian licenses were purchased to monitor student access to the internet and keep them safe from inappropriate sites.
- Salary for an instructional consulting/technology coach was provided with our funds to help our teachers meet the needs of the online environment.

FUTURE PLANS-2021-22

- Add a new security camera server and software to ensure a safe and secure learning environment.
- Add more cameras and continue to update software to monitor the school environment.
- Add new interactive projectors to most of our classrooms, which will aid in presenting materials to our students with improved tools.
- Add Chromebook countertop chargers to our K-1 classrooms to organize and charge our Chromebooks students use daily.



“**Having Chromebooks available to our students was helpful during our virtual learning. I was able to be connected with all of my students and families. Learning didn't stop because we were physically apart. We were able to prepare our students for virtual learning by using the Chromebook in the classroom. Students were able to practice logging onto the sites we would be using.**

Mrs. McLeod, 1st Grade Teacher



2020-21 TECHNOLOGY & SECURITY MILLAGE FUNDING



STUDENTS: **3,882**



2020-21 FUNDS
RECEIVED:
\$771,533

2020-21 DOLLARS SPENT



TECHNOLOGY
\$648,031



PROFESSIONAL
DEVELOPMENT
\$0**



SECURITY
\$79,992



TOTAL SPENT
\$728,023*

***paid out of separate funding sources*

The Technology & Security Millage has benefited our students by providing a safe and viable blended learning experience for all Mona Shores students.

Mona Shores Public Schools SUCCESSSES-YEAR 7!

- Staff devices were refreshed with Chromebooks more suited to the rigors of virtual teaching and learning.
- Provided resources for our repair depot during the pandemic.
- Acquired additional software resources to support virtual school efforts during the pandemic.
- Secured additional replacement parts required due to our virtual school needs.
- A new presentation system was installed in the Sailor Center Gymnasium at the high school.

FUTURE PLANS-2021-22

- Deploying a new digital signage platform for all our buildings.
- Upgrade virtual infrastructure.
- Perform maintenance and updates to classroom audio-visual equipment.
- Renew GoGuardian and other instructional hardware/software management platforms.

“
The Technology and Security Millage has made it possible for us to shift to a virtual configuration for school. Having this resource has allowed us to change direction quickly for our parents and students.

*Chad Pranger,
Director of Technology*

“
The Technology Millage has allowed us to innovate and be better prepared to meet the needs of our students and school community. Before the pandemic this was evident in our approach, but became especially apparent in confronting the needs and challenges of the COVID-19 Pandemic and virtual learning.

*Andrew Hogston, Director of Curriculum,
Instruction and Assessment*



**Mona
Shores**
Public Schools 



Mona Shores Public Schools • www.monashores.net

**Districts may use unspent funds from previous years, or accelerate spending beyond the revenue received, based on district needs to cover larger projects.*

2020-21
TECHNOLOGY & SECURITY
MILLAGE FUNDING



STUDENTS: **1,474**



2020-21 FUNDS
RECEIVED:
\$292,992

2020-21 DOLLARS SPENT



TECHNOLOGY
\$188,164



PROFESSIONAL
DEVELOPMENT
\$0**



SECURITY
\$42,974



TOTAL SPENT
\$231,138*

***paid out of separate funding sources*

*Without the Technology
& Security Millage, we
couldn't provide such a
complete, well-supported
and effective set of tools
for keeping our buildings
safe and helping
our students learn.*



Montague Area Public Schools SUCCESSSES-YEAR 7!

- Aging classroom projectors were replaced with new projectors that are brighter and have lower maintenance costs.
- Improved and clearer sound systems were placed in classrooms and other learning spaces.
- The entire fleet of aging copiers/printers was replaced.
- Improved outdoor lighting was installed around the campus for greater security.
- Provided funds for increased repair and technical support associated with remote learning and 1:1 device program. This was crucial during the pandemic.
- Expanded our use of effective instructional software such as GoGuardian.



FUTURE PLANS-2021-22

- Replace old network infrastructure with faster, more reliable and manageable equipment.
- Upgrade video surveillance servers and software to enhance campus security.
- Continue to improve campus outdoor lighting to enhance security.
- Increase technical support capability to keep students and staff up and running in changing learning environments--in person, hybrid and remote.
- Continue to provide hardware and software support for innovative classroom learning projects in classrooms.



Technology has allowed me to individualize instruction in new ways, while giving immediate feedback to student learning. There is not a part of our instructional day that is not touched by the technology in the classroom. All activities in my classroom are now available for review, and to students who were absent, through the classroom learning portal. There students find lessons, practice assessments, review games, extension activities and project guidelines. And our students are extremely motivated by this variety of instructional design.

*Dave Vermeulen,
NBC Social Studies Teacher*



**MONTAGUE AREA
PUBLIC SCHOOLS**
EDUCATION IN THE RIGHT DIRECTION

Montague Area Public Schools • www.mapsk12.org

**Districts may use unspent funds from previous years, or accelerate spending beyond the revenue received, based on district needs to cover larger projects.*

**2020-21
TECHNOLOGY & SECURITY
MILLAGE FUNDING**



STUDENTS: 3,579



**2020-21 FUNDS
RECEIVED:
\$711,322**

2020-21 DOLLARS SPENT



**TECHNOLOGY
\$44,049**



**PROFESSIONAL
DEVELOPMENT
\$0****



**SECURITY
\$0****



**TOTAL SPENT
\$44,049***

***paid out of separate funding sources*

The Technology & Security Millage has benefited our students by providing new learning tools and professional development that otherwise wouldn't be possible. We feel fortunate that the community continues to support not only Muskegon Public but our surrounding school districts with the funds to be able to support our students in an ever changing world

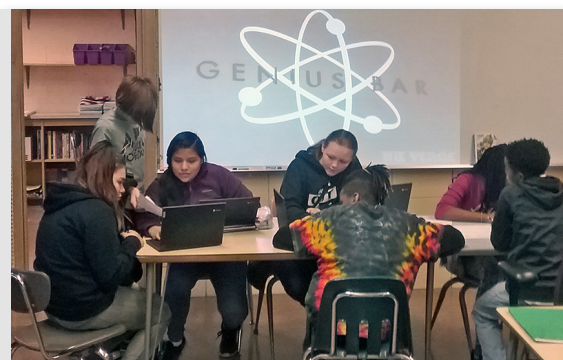


**Muskegon Public Schools
SUCCESSSES-YEAR 7!**

- Switched our desktop computers on the smart carts to docking stations.
- Laptops were purchased for all teaching staff
- Voice over Internet Protocol (VoIP) phone service was renewed.
- Performed a Chromebook refresh.
- Single Sign-on solution was renewed.

FUTURE PLANS-2021-22

- Upgrade our surveillance infrastructure.
- Replacing our current classroom technology.
- Implement new classroom technologies piloted during the 20-21 school year to see to better serve teachers and students.



“ Our top priority is a safe and secure environment for our students and staff. This has been even more critical during our remote learning plan due to COVID-19. Students have been granted internet access, assigned Chromebooks and are engaging in online learning daily. The secure network, along with one-to-one access to Chromebooks, would not have been an option without these funds. Our deepest appreciation to the Muskegon community for their support.

Jennifer S. Hammond, Executive Director of Academic Services

“ This constant support for the technology and security within our district has served our students well. It single handedly allowed for us to move from reactive to proactive with the COVID crisis and placed our district in the forefront of innovation for helping students through the remote learning period.

Matthew Cortez, Superintendent

“ This funding has allowed us to be very strategic in planning remote learning for our students during the COVID-19 pandemic. We have been able to provide students with Chromebooks, headphones, mice, and live virtual sessions with certified teachers.

Devany Schumaker, Data Coach



Strong Schools, Stronger Communities

Muskegon Public Schools • www.muskegonpublicschools.org

**Districts may use unspent funds from previous years, or accelerate spending beyond the revenue received, based on district needs to cover larger projects.*

2020-21
TECHNOLOGY & SECURITY
MILLAGE FUNDING



STUDENTS: **608**



2020-21 FUNDS
RECEIVED:
\$120,910

2020-21 DOLLARS SPENT



TECHNOLOGY
\$38,382



PROFESSIONAL
DEVELOPMENT
\$0**



SECURITY
\$0**



TOTAL SPENT
\$38,382*

***paid out of separate funding sources*

The tech millage allowed our district to help our staff become more technologically literate as a result of training and implementation of various online platforms and new programs.

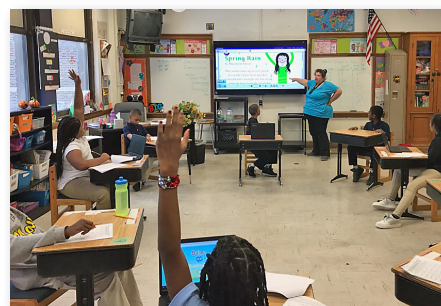
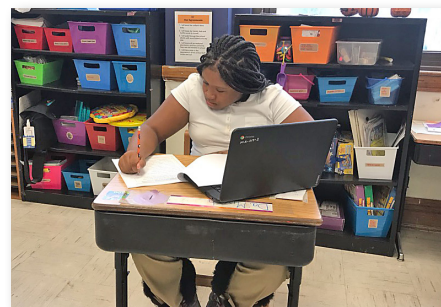


Muskegon Heights Public School Academy System SUCCESSSES-YEAR 7!

- Purchased additional iPads, new Chromebook cases and GoGuardian internet security software
- Students experienced uninterrupted learning while being at home and had the capacity to keep their devices safe, while we were able to monitor their usage via GoGuardian to keep them safe and on task.
- Put in a card reader for swimming pool access. Personnel were able to maintain student, staff, and community safety by keeping doors closed to the outside.
- Installed additional card readers to appropriate doorways.
- Continued to provide devices for students to ensure 1:1 status.
- Renewed our GoGuardian subscription to maintain student safety.
- Purchased additional Chromebooks.
- Continued replacing old, wall-mounted televisions with new display panels.
- Began using APEX Learning to assist students with credit recovery, as well as testing out opportunities.
- Professional development was provided for GoGuardian, Google Classroom, and APEX Learning.
- As a result of the tech funding, we now have 1:1 status in our district which greatly impacts access to learning for our students. Even on snow days, our students can continue their learning in the comfort of their own homes.

FUTURE PLANS-2021-22

- Continue to replace outdated wall-mounted television with video display panels
- Continue replacing key external and internal doors for safety purposes.



At King school we were able to install LCD displays that are operated by touch screen chromebooks. This allows the teacher to provide more explicit instruction and the option of handing off the control to students. Students share their thinking with others, making thinking visual which supports learning. In addition, new sound fields were installed, the teacher has a microphone which allows students to better hear instruction, specifically phonics instruction, to improve reading..

*Vanessa Marble, Principal,
Dr. Martin Luther King School*



2020-21
TECHNOLOGY & SECURITY
MILLAGE FUNDING



STUDENTS: **1,027**



2020-21 FUNDS
RECEIVED:
\$204,046

2020-21 DOLLARS SPENT



TECHNOLOGY
\$181,751



PROFESSIONAL
DEVELOPMENT
\$0**



SECURITY
\$0**



TOTAL SPENT
\$181,751*

***paid out of separate funding sources*

The Technology & Security Millage has benefited our students by having a budget to purchase one-to-one devices to be sent home. This is especially important during the pandemic and remote learning.

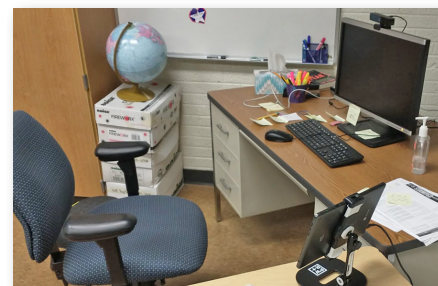


North Muskegon Public Schools SUCCESSSES-YEAR 7!

- Purchased additional teaching equipment for remote learning, Chromebooks for students and licensed additional software for better virtual learning. This includes Google Meet Enterprise and a learning management system (LMS)
- Added additional microphones and cameras to each classroom to allow for a better synchronous virtual classroom environment
- Purchased Chromebooks, cameras with tripods, and microphones
- Received and implemented additional teaching tools; awaiting shipment of Chromebooks
- Purchased GoGuardian for remote monitoring and classroom management, and a new LMS from D2L called BrightSpace
- Provided training for the new LMS
- Used this year's schedule to allow for two teachers to be instructional coaches to help with setting Google Meets via Calendar, best practices with cameras, microphones, and instruction

FUTURE PLANS-2021-22

- Continue to replace our cycle of student Chromebook updates
- Continue to replace our public address/classroom sound systems
- Continue to upgrade our security camera system
- Continue to provide professional development for our staff as we transition to the LMS



I love using our new microphone and sound system for both in class and remote learning. The students have a really easy time hearing us (even in masks)! When our music teacher comes into the classroom and needs the sound system, we simply click a button on the wall and she can use her own microphone. When videorecording writing lessons for virtual learning, the sound quality is clear and there is never any problem with volume. During the past couple of months, our new sound system has benefited NM teachers in many ways.

Terri Fortmeyer, 4th Grade Teacher



I am amazed by the quality and speed of the Chrome tablet. I also love the fact that you have a magnetic attaching keyboard so that you can use this almost as if it is a Chromebook or a tablet. This device is so versatile, and helps me stay mobile when teaching different tasks to my students.

Joanna Berry, 6th Grade Teacher



**2020-21
TECHNOLOGY & SECURITY
MILLAGE FUNDING**



STUDENTS: 1,997



**2020-21 FUNDS
RECEIVED:
\$396,837**

2020-21 DOLLARS SPENT



**TECHNOLOGY
\$150,366**



**PROFESSIONAL
DEVELOPMENT
\$0****



**SECURITY
\$0****



**TOTAL SPENT
\$150,366***

***paid out of separate funding sources*

*All our students
have access to a
Chromebook and
broadband internet
access at school that
we depend on daily to
provide quality learning
experiences.*



**Oakridge Public Schools
SUCCESSSES-YEAR 7!**

- Continued use of NaviGate Prepared that manages Emergency Operation Plans and Safety Drills.
- Implemented Traversa (Ride360) mobile app and bus routing software allowing quick and targeted communication directly to parents regarding transportation updates and alerts.
- Expanded use of Schoology, a digital learning management system, that keeps students and parents informed of instructional assignments and assessments.
- Continued partnership with the OAITC Technology Support Consortium.
- Replaced bus radio system/hardware.
- Acquired video equipment for communications department.
- Purchased Chromebooks/iPads to maintain our 1:1 ratio (one student to one device) and replacement cycle.
- Extended GoGuardian software licenses that unify our filtering, classroom management, device management, and school mental health tools into a single suite.

FUTURE PLANS-2021-22

- Continue to use NaviGate Prepared.
- Continue to use Traversa (Ride360) mobile app.
- Expand use of Schoology.
- Continue partnership with the OAITC Technology Support Consortium
- Camera equipment for communications department.
- Purchase additional Chromebooks/iPads to maintain our 1:1 student:device ratio and replacement cycle.
- Secure buses on school property (electric, fence, concrete/gravel, lighting)
- Maintain GoGuardian software licenses.



OAKRIDGE



“ Although we were living through a world-wide pandemic, technology allowed us to hold monthly, virtual read alouds. Our themed read alouds included ‘Cocoa and Stories,’ ‘Pop In and Read,’ and ‘Wacky Wednesday.’ We even had the privilege of having Rapunzel (AKA Superintendent Livezey and his daughter) share the story of Rapunzel for all to hear and see, all thanks in part to the devices the Millage granted us.

Jayne Silvers, Oakridge Early Childhood Center Administrator

“ All students had their own Chromebook this year, so we were able to employ technology seamlessly throughout the day. Students could do quick, differentiated fact practice in the morning, publish stories using Book Creator during writing time, and attend a virtual field trip in the afternoon. The Chromebook were truly tools used to enhance our learning.”

Kelly Fuller, 1st & 2nd Grade Looping Teacher

2020-21
TECHNOLOGY & SECURITY
MILLAGE FUNDING



STUDENTS: **2,199**



2020-21 FUNDS
RECEIVED:
\$436,947

2020-21 DOLLARS SPENT



TECHNOLOGY
\$366,367



PROFESSIONAL
DEVELOPMENT
\$6,257



SECURITY
\$21,598



TOTAL SPENT
\$394,222*

Without the Technology & Security Millage our staff and students would be in an environment that could not keep up with the current learning and security needs, putting safety and education at risk.



Orchard View Schools SUCCESSSES-YEAR 7!



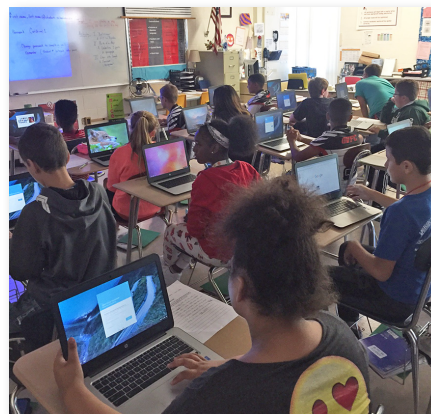
• Achieved 1:1 with technology, by purchasing 480 Chromebooks, allowing all our learners to participate with their teachers during times when we were virtual.

Without the Technology and Security Millage, we would not have been able to do this.

- Provided GoGuardian, a safeguard software, for all our teachers and students, to assist keeping students safe online and preventing access to prohibited sites.
- All buses are now equipped with Wi-Fi! Students can do homework while on the buses. As needed a bus can be positioned in a designated area, such as a park, to provide OV students with internet access if it is not available to them.
- Many staff members have completed 3-years of ALICE training, with newer staff also receiving training as well.
- Install a live stream camera in the high school gymnasium to stream events.

FUTURE PLANS-2021-22

- Cycling the devices (some Chromebooks are seven years old) to ensure they are maintained and up to date with new devices each year.
- Continue exploring safety measures such as ALICE training, additional and updated security cameras, increased doors with key access and visitor registration systems.
- New teacher workstations, including computers, monitors, projectors, document cameras and receivers.



“
The value of this countywide technology and security millage is immeasurable. This millage has allowed us to get our students the best technology possible and expand our security systems, internet connectivity and software opportunities. During the past year, the ability to quickly go 1:1 kept all the students tuned into school, when face-to-face education was paused and uncertain .

Orchard View Administrator

“
With technology being more readily available, the students have benefited from being more in their element with certain assignments. Students tend to work harder and more frequently with technology.

Orchard View Teacher

2020-21 TECHNOLOGY & SECURITY MILLAGE FUNDING



STUDENTS: **1,027**



2020-21 FUNDS
RECEIVED:
\$204,113

2020-21 DOLLARS SPENT



TECHNOLOGY
\$213,618



PROFESSIONAL
DEVELOPMENT
\$0**



SECURITY
\$0**



TOTAL SPENT
\$213,618*

***paid out of separate funding sources*

The Technology & Security Millage has benefited our students by providing them up-to-date equipment and tools to succeed both at RPS and beyond.

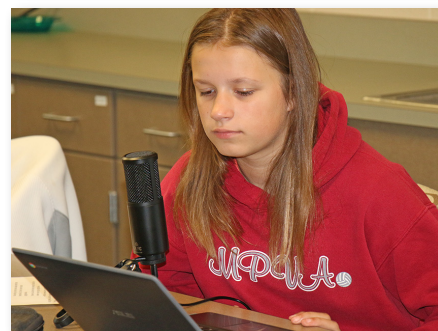


Ravenna Public Schools SUCCESSSES-YEAR 7!

- Implemented IP-based clock and alert systems.
- Installed panic buttons in offices to improve building security.
- Purchased additional student devices, both Chromebooks and iPads.
- Purchased mobile hotspots for remote students.
- Utilized funds to increase staff technology training offerings.

FUTURE PLANS-2021-22

- Continue to offer additional staff technology training.
- Purchase additional subscriptions to digital learning tools (Kami, WeVideo, etc.)
- Update classroom audio-video devices.



“
With the funding provided by the regional enhancement millage all of our students now have access to devices and the internet. Our technology staff are no longer bogged down with maintaining old and outdated technology. This has enabled them to be more responsive and for our staff and students to have minimal technology downtime.

Rob Nista, Beechnau Elementary Principal

“
The regional enhancement millage has allowed us to build a sustainable device replacement cycle that ensures all Ravenna students have access to cutting-edge tools and technology for learning.

Ryun J. Landheer, Director of Technology



2020-21
TECHNOLOGY & SECURITY
MILLAGE FUNDING



STUDENTS: **3,578**



2020-21 FUNDS
RECEIVED:
\$711,018

2020-21 DOLLARS SPENT



TECHNOLOGY
\$264,791



PROFESSIONAL
DEVELOPMENT
\$0**



SECURITY
\$115,696



TOTAL SPENT
\$380,487*

***paid out of separate funding sources*

The Technology and Security Millage has been essential in helping students develop and utilize the collaboration skills needed to excel in various learning platforms.



Reeths-Puffer Schools
SUCCESSES-YEAR 7!

- Purchased Chromebook devices for student use.
- Replaced classroom projectors.
- Purchased webcams for every classroom to promote virtual teaching and learning.
- Purchased hotspot devices to accommodate students without internet access.
- Implemented a safety/security app that provides guidance in the event of a crisis.

FUTURE PLANS-2021-22

- Add and replace student Chromebook throughout the district.
- Purchase tablets for every classroom that link to the district's safety/security application.
- Replace classroom computers.
- Continue network upgrades (servers, phone system, storage).
- Add a digital classroom management system.



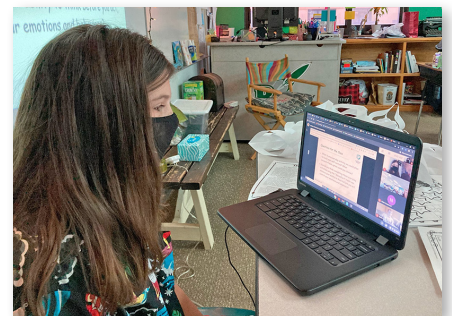
The technology and security millage has helped Reeths-Puffer break down barriers to provide students a top-notch learning experience in the midst of the pandemic. As we continued to navigate Covid-19 in 2020/21, students learned through a combination of virtual and face-to-face opportunities, including a blended model with Reeths-Puffer teachers. These learning opportunities were made possible in large part through the use of district-provided Chromebook and hotspot devices. Furthermore, staff utilized additional technology in the classroom providing a degree of flexibility to approach teaching and learning in new and exciting ways .

*Jason Hernandez, Principal,
Reeths-Puffer Middle School*



Students continue to benefit in big ways from the Technology & Security Millage Funding. We are now able to make the move to a full one-to-one environment allowing for an even more individualized learning experience. Students are able to work in a collaborative, digital environment and at their own pace, while meeting their individual learning and growth needs.

*Scott Panozzo, Principal,
Reeths-Puffer Intermediate School*



**2020-21
TECHNOLOGY & SECURITY
MILLAGE FUNDING**



STUDENTS: 2,088



**2020-21 FUNDS
RECEIVED:
\$414,939**

2020-21 DOLLARS SPENT



**TECHNOLOGY
\$266,219**



**PROFESSIONAL
DEVELOPMENT
\$0****



**SECURITY
\$16,800**



**TOTAL SPENT
\$283,019***

***paid out of separate funding sources*

The Technology and Security Millage allowed Whitehall students access to devices during pandemic and also funded a teacher who provided in-person/virtual math improved instruction.

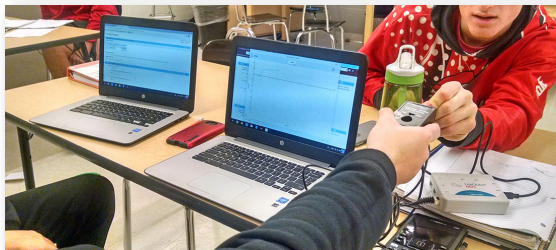


**Whitehall District Schools
SUCCESSSES-YEAR 7!**

- Purchased additional Chromebooks to continue 1-to-1 project.
- Added support staff person to repairs Chromebooks.
- Staff instructor to improve math instruction through technology.
- Police liaison officer.

FUTURE PLANS-2021-22

- Purchase additional Chromebooks to continue 1-to-1 project.
- Security improvement project with camera upgrades.



“ Technology & Security funds help us keep our chromebooks for students up-to-date. We have a one-to-one program for all students from 2nd grade through 12th grade. As computers age and are no longer supported by Google, we are able to replace them on a planned schedule.

Patrick, Tech Guru

“ Technology can help us learn and create things in an exciting way. It allows me to learn math concepts in a fun way. Technology also encourages me to become a better reader. And technology can let us see in the dark. We can also learn how to program a computer.

*Wyatt Burger,
Second Grade student,
Shoreline Elementary*

“ At Whitehall High School, the students have opportunities to take CAD classes and earn college credit, create 3D prints with modelling software, utilize a CNC plasma cutter and water jet cutter to create projects, and attain certifications in NC3 Mechatronics and Siemens Solid Edge. These state of the art opportunities are great for our students and are funded with the Technology & Security enhancement millage.

Jeremy, Mechatronic Instructor





Muskegon Area
Intermediate School District
630 Harvey Street
Muskegon, Michigan 49442-4278
Phone 231-777-2637 Fax 231.773.1028
www.muskegonisd.org