# Wilmington Public Schools

**Wilmington, Massachusetts 01887**

WILMINGTON PUBLIC SCHOOLS

# Technology Plan

# 2024 - 2029

# Technology Committee Members 2023-2024

Members of the Technology Committee met for several months to create this updated Technology Plan for the Wilmington Public Schools. The Director of Technology and Digital Learning should review the plan annually to adjust goals and timelines and is responsible for implementation.

| | |
|---|---|
| Burhan Ahmed | MS/North/West/WW Parent |
| Matt Arsenault | Boutwell Parent |
| Kenny Bonanno | MS Parent |
| Brenda Lomanno | MS Instructional Technology Specialist |
| Kenneth Lord | Director of Technology & Digital Learning |
| Amy Malone | North Educational Assistant |
| Kim Martiniello | HS/North Parent |
| Jennifer Obremski | Woburn St Grade 1 Teacher |
| Michael Okeke | HS/MS/North/West/SS/WW Parent |
| Melanie Patterson | Shawsheen/Boutwell Librarian |
| Jeanette Quirk | MS Principal |
| Amber Skach | HS Instructional Technology Specialist |
| Mary Beth Valuk | HS Math CTL/Teacher |
| Kevin Welch | Shawsheen Assistant Principal |
| Krista Wright | Woburn St Parent |

# Cybersecurity

| Action Plan Items | Timeline |
|---|---|
| Perform Annual Cybersecurity Audits. | Annual |
| Expand Cybersecurity Training to all staff including phishing tests | SY25-26 |
| Provide Student Cybersecurity Training | SY25-26 |
| Deploy MDR | SY24-25 |
| Maintain the system of patching and updating operating systems and network hardware. | Annual |

**Cybersecurity**

The threat of a cybersecurity attack is an ever-growing concern. School districts and municipalities around the Wilmington Public Schools have been attacked. Significant work has been done in the last several years to improve the district's defense against an attack. User training, upgrade of firewalls & network switches, deployment of Multi-Factor Authentication systems, and improvements to the virus/spyware detection system have been completed.

An annual cybersecurity audit should be conducted to identify areas for improvement. In 2024, Wilmington Public Schools has partnered with MIT to audit our response plans and systems. The results of this audit will be integrated into the cybersecurity response planning.

Staff training is essential in preventing a cybersecurity attack. Limitations in staff professional development time have resulted in cybersecurity training only being offered to a segment of our staff population each year with participating staff members taking the course once. Planning and access to additional professional development time with staff is necessary to offer annual cybersecurity training to all staff members including phishing tests. Training should also be extended to students at an age-appropriate level. The town and school have received an annual Municipal Cybersecurity Awareness Grant from the state providing us access to cybersecurity training systems.

The current antivirus system relies on the internal OIT staff to monitor and respond to incidents. An upgrade to a Managed Detection and Response (MDR) system to outsource

monitoring of the antivirus system 24/7 is a critical step to improve our defense. Plans are underway to deploy MDR in the summer of 2024.

Available staff time has limited our ability to monitor and patch servers and client machines. Improvement in the ability to automatically apply patches and additional staff time assigned to regular patching of servers is required.

# Infrastructure

| **Action Plan Items** | **Timeline** |
|---|---|
| Maintain the system of monitoring and testing backup systems. | Annual |
| Replace PA systems at HS and MS per 5-year Capital Plan. | FY28 & FY29 |
| Replace HS Wireless network & switches per 5-year Capital Plan. | Summer 2024 |
| Expand and replace the security camera system per 5-year Capital Plan. | FY26 |
| Upgrade Genetec and Data Center servers per 5-year Capital Plan. | FY29 |

**Disaster Recovery**

The backup systems have been significantly improved in the last few years. We now have sequential backups of all the on-site server systems and virtual servers that replicate between two buildings. Hosted systems are also sequentially backed up through some online systems. Continual testing and monitoring of backup systems are essential to ensuring proper operations.

**Intercom systems**

The intercom consoles at the elementary schools have been replaced and connected to the new Zoom phone system. The intercom systems at the HS and MS were installed when the buildings were built in 2014 and 2000. These systems are aging and are scheduled for replacement in the capital plan.

**Internet Access**

Three 1 Gbps FIOS connections supply Internet to the WPS network. Two FIOS connections are at the middle school and one at the high school. A dedicated fiber connection will replace the HS connection in the summer of 2024. The dedicated fiber connection will provide greater resilience to a FIOS outage. The recently upgraded firewalls provide Internet filtering.

**Network Switching & Infrastructure**

Replacement of the existing network switch infrastructure is scheduled to be completed in the summer of 2024. The high school network switches were funded with a capital article at the 2024 Town Meeting.

The central fiber optic switches located at the public safety building have been purchased and will be installed during the summer of 2024. These will be configured to create a fiber optic loop rather than a star for better resilience to damage to the fiber optic network.

**Phone System**

A new cloud-based Zoom phone system was installed in the summer of 2023 replacing the existing Polycom Skype for Business system.

**Security**

The district is served by a Genetec video and access system. The software and servers were upgraded in FY22. The 5-year capital plan includes expansion of the number of cameras at the high school, middle school, and elementary schools. Several additional doors have been equipped with card swipe systems over the last few years. Replacement of aging cameras and other security system equipment is part of the long-term capital plan.

**Servers**

The current data center consists of several VMware servers and a storage access network. The system was installed in FY20 and is scheduled for replacement in FY28. Several systems have been migrated to the cloud (email, antivirus, and phones). Migrating additional systems should be considered if economical and feasible. Replacement of the Genetec server infrastructure is scheduled for FY29.

A new backup system was deployed with the replacement of the data center in FY28. Monitoring and testing of the backup system is ongoing. Improvements in the frequency of monitoring are needed but have been limited by available staff time.

**Wireless Network**

The high school wireless network will be replaced in the summer of 2024. This project will complete the replacement of the previous Aruba wireless systems with a cloud-managed Meraki wireless network system.

# Hardware

| Action Plan Items | Timeline |
|---|---|
| Form a subcommittee of teachers, administrators, students, and parents to review current BYOD policies and procedures for grades 6-12. Explore the option of district-provided devices vs BYOD, enhanced content filtering subscription, day loaner Chromebook/charger procedures, and classroom management tools. | SY24-25 |
| Expand cart-based devices at elementary schools to achieve a 1:1 ratio. | FY25-29 |
| Upgrade existing Chromebooks per 5-Year Capital Plan. | FY25-FY29 |
| Form a subcommittee of teachers, administrators, and instructional technology specialists to determine the appropriate apps for iPads in grade PK and K | SY24-25 |

| | |
|---|---|
| Replace laptops, desktops, and computer labs per the 5-year Capital Plan. | FY26-FY29 |
| Upgrade any laptop or desktop to Windows 11 if not replaced by October 14, 2025. | By 10/14/2025 |
| Upgrade elementary projectors per 5-year Capital Plan. | FY26 & FY29 |
| Examine options for migrating to interactive display panels | FY29 |
| Examine options for increased access to color printing and duplication | SY24-25 |

**Chromebooks**

Carts of Chromebooks are maintained in the high school and middle school to provide loaners for the 1:1 program and enough spares for MCAS testing. Currently, only a managed Chromebook can be used for MCAS testing. A percentage of the students participating in the 1:1 program use a PC laptop, a Mac laptop, or an unmanaged Chromebook. The elementary schools utilize carts of Chromebooks for classroom use and MCAS testing. Google licenses the management of Chromebooks through a management license.

The capital plan in Appendix A details a purchase plan that will address maintaining enough devices for MCAS testing and expansion of carts for elementary school use. Chromebooks with expired Google management licenses can still be used for other purposes as long as the hardware lasts.

Grade 6-12 students currently participate in a Chromebook Bring Your Own Device (BYOD) program. Families who do not wish to or cannot purchase a device are provided a long-term loaner Chromebook. A Google Management license is installed on most student-owned devices to allow them to be used for MCAS testing, greater technical support opportunities and the ability to be used for locked quizzes and tests.

A varying percentage of student devices are not managed due to device replacement or in some cases the student/family refuse to have the management license installed. Yearly efforts are made to enroll devices before MCAS testing season. Other students utilize laptops or tablets or older hand-me-down Chromebooks from older siblings.

The variety of devices and how many are managed has presented issues for classroom use. We cannot require the installation of the management license, repair, or replacement. Consideration should be given to the pros and cons of moving to a 100% district-provided

Chromebook program. This would alleviate the management issues, provide all students with a properly working device, and allow for the use of additional management programs to assist with classroom management issues. This policy change would require significant capital investment and ongoing funding. Student loaner policies and the availability of chargers should also be reviewed.

Chromebook use at the earliest grade levels has been challenging as students in grades PK -2 have difficulty using a trackpad and logging in with usernames and passwords. Several carts of touch screen Chromebooks will be deployed at the Shawsheen and Woburn Street schools and iPads at the Wildwood and Boutwell over the summer of 2024. The Chromebooks at Shawsheen and Woburn Street will also be configured to use a QR Code login system allowing the students to show a preprinted QR code to the Chromebook camera to login rather than using a username and password.

**Desktops**

The district maintains a small fleet of desktop computers, mainly for computer labs and administrative assistants. The capital plan in Appendix A details the replacement plan. The OIT Department has begun upgrading existing desktops to Windows 11. Microsoft will retire Windows 10 in October 2025 and no longer release security patches for that version.

**Laptops**

A large inventory of laptops is maintained across the district including docking stations with external monitors and keyboards. The summers of 2019 & 2020 saw the replacement of almost all laptops across the district. These laptops will be coming up for replacement in FY26 and FY27. The OIT Department has begun upgrading existing laptops to Windows 11. Microsoft will retire Windows 10 in October 2025 and no longer release security patches for that version.

**Printing**

A fleet of leased copiers handles most printing. Copiers are replaced on the lease after 3 years. Classroom printing is managed with smaller laser printers in approximately every other classroom. The classroom printers are meant for small print jobs. Repair and replacement are handled by OIT staff through the OIT operating budget. Access to color printing is limited to one or two color printers in each building. These color lasers are not designed for duplication and

the toner is quite costly. The options for increased access to color printing and duplication should be examined.

**Projectors**

Most of the projectors have been replaced over the last few years. The high school's remaining old projectors will be replaced in the summer of 2024. A handful of projectors at the elementary schools are scheduled for replacement in FY26. The cycle of replacement projectors at the middle school and intermediate schools will re-enter the capital plan in FY29. Consideration should be given to moving towards interactive display panels. Classroom whiteboard and room layout changes will be necessary to allow us to move to display panels instead of projectors.

# MSBA Project

| Action Plan Items | Timeline |
|---|---|
| Monitor and participate in the planning of technology for the MSBA Project | SY24-25 - SY28-29 |
| Adjust capital plans to reflect the MSBA project once approved | Fall 2025 |
| Expand elementary Instructional Technology staff to 2.0 FTE to support a new building if the MSBA project is approved. | SY28-29 |

**MSBA Project**

The district is participating in the Massachusetts School Building Authority (MSBA) program for the Wildwood Early Childhood Center. Opportunities to combine Wildwood with Woburn Street or Wildwood, Woburn Street, and North Intermediate are being explored. A new or renovated school building will include significant technology improvements. In addition to participating in the planning and execution of a new or renovated building, the 5-year Capital plan will need to be adjusted depending on what building option is selected.

**Staffing**

An additional Instructional Technology Specialist will be needed if a new or renovated PK-5 building is selected. This additional staff member is necessary given the technology in a new or renovated building. A partial FTE should be considered if a PK-3 option is selected.

# Policies

| Action Plan Items | Timeline |
|---|---|
| Work with the School Committee Policy Subcommittee to replace the Acceptable Use Policy with a Responsible Use Policy | SY24-25 |
| Work with the School Committee Policy Subcommittee to update the Social Media and Web site policies | SY24-25 |

The existing Acceptable Use (AUP) and Social Media policies have not been adjusted for many years. Most districts have aligned updated AUPs with a Responsible Use Policy (RUP) model. RUPs generally provide positive examples of proper technology use rather than a list of prohibited activities. Policy changes are completed through the School Committee's Policy Review subcommittee with eventual presentation to the School Committee for approval.

# Professional Development

| Action Plan Items | Timeline |
|---|---|
| Expand Technology Professional Development offerings for staff | Ongoing |
| Explore options for self-paced courses | SY24-25 |

**Professional Development**

The Wilmington University (WU) program provides technology training from a mostly asynchronous catalog of offerings. New staff are required to complete 12 hours of technology training in their first three years. Teachers participating in WU outside the work day earn in-service hours and PDPs for re-licensure. Expanded technology professional development opportunities should be explored.

# Software

| Action Plan Items | Timeline |
|---|---|
| Maintain a catalog of required Student Data Privacy agreements, acquiring new and renewing existing agreements as needed. | Ongoing |
| Form a subcommittee of administrators, teachers, and parents to examine the combination of Aspen and Google Classroom. Determine areas needed for improvement, expansion, and potential change to different products as needed. | SY25-26 |
| Continue to monitor and plan for generative AI software impacts and opportunities. | Ongoing |
| Select and implement generative AI tools | Ongoing |
| Monitor changes in generative AI that require changes to existing policies and procedures. | Ongoing |
| Form a subcommittee of administrators and teachers to review the existing software tools and subscriptions. | SY25-26 |
| Implement an electronic document management system to store student special education records and financial files. | FY28 |

**Aspen and Google Classroom**

Aspen is our Student Information System (SIS) and Google Classroom is our Learning Management System (LMS). Google Classroom has not been widely used below grade 5 since the end of the pandemic. While progress reports and quarter grades are stored in Aspen for grades 6-12, assignment information is stored in Google Classroom. Parents report difficulty and confusion finding information in the two systems and the transition from grade 5 to 6 is complicated by the switch to using the systems daily. A committee should review these products and recommend improvements for better communication and unanimity. Alternative SIS and LMS products should also be examined.

**Educational software**

During the pandemic, the catalog of online subscriptions increased significantly with post-pandemic budgets reducing the number of titles available. Generative AI has radically changed the software landscape bringing new capabilities and challenges for proper usage. Generative AI Guidelines were created to help guide staff and students.

A full review of software subscriptions is necessary to ensure the titles in use are the best option, proper training is provided and to monitor the continued impact of AI. A standing committee should regularly meet to monitor and make recommendations.

**Student Data Privacy**

The District uses the TEC Education Collaborative/TEC Student Data Privacy Alliance to manage data privacy agreements for any online product that stores student personally identifiable information (PII). A web-based database is maintained for active and inactive data privacy agreements. The database includes notations for any company that refuses to sign a data privacy agreement.

Staff request additional agreements through the help desk ticket system or via email to the Director of Technology. Staff and students may only use products with a signed Data Privacy Agreement that stores student PII.

# STEM

| Action Plan Items | Timeline |
|---|---|
| Work with curriculum leaders, parents, administrators, and teachers to develop hardware and software plans to support the implementation of STEM curriculum at the elementary level. | SY24-25<br>SY28-29 |
| Develop hardware and software plans to support STEM and Science curriculum at the HS and MS. | SY24-25 |

There are plans to implement a STEM curriculum in the elementary grades as part of the MSBA Building Project. Planning and implementation of the technology hardware and software for both sides of town will be needed. Additionally, the STEM and Science curriculum at the HS and MS needs some hardware updates that should be included in the operating or capital budget plans for FY26 and beyond.

# Student Support Services

| Action Plan Items | Timeline |
|---|---|
| Collaborate with Student Support Services to audit assistive technology hardware and software. Upgrade and replace equipment and software as required. | SY25-26 |

**Assistive Technology**

The Special Education Department uses various technology and software for assistive technology. Conduct periodic reviews of the equipment and create a replacement plan.

# Appendix A - Capital Plan

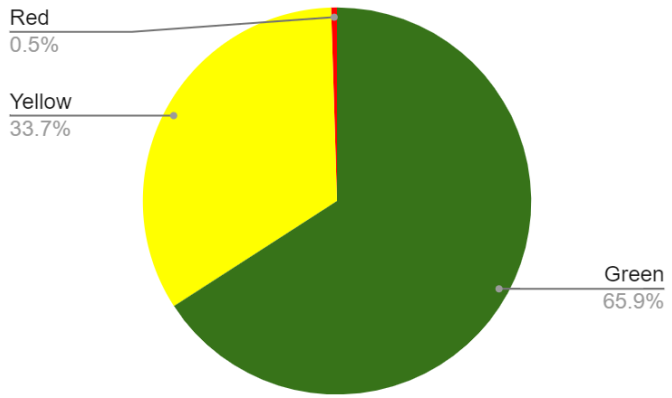
| Project / Reason | FY25 | FY26 | FY27 | FY28 | FY29 |
|---|---|---|---|---|---|
| Chromebook Replacements | $75,000 | $75,000 | $75,000 | $75,000 | $63,000 |
| Electronic Document Management Project | | | | $50,000 | |
| Elementary Projectors Replacement Project | $55,000 | | | | $125,000 |
| Elementary Security Camera Improvements | | $100,000 | | | |
| Genetec Security Server Replacement | | | | | $30,000 |
| High School Switch Replacement | $114,000 | | | | |
| HS Labs PC Replacement Project | | | | $75,000 | |
| HS Laptop Replacement | | | $130,000 | | |
| HS Projectors | $130,000 | | | | |
| HS Security Camera Improvements | $55,000 | | | | |
| HS Wireless Upgrade | $90,000 | | | | |
| Misc PC Replacements | | | $25,000 | $38,000 | |
| MS Computer Lab Replacement | | | | $50,000 | $25,000 |
| MS Laptop/Desktop Replacements | | $115,000 | | | |
| MS Projector Replacement Project | | | | | $180,000 |
| MS Security Camera Improvements | | $40,000 | | | |
| New data center for District | | | | $100,000 | |
| North & West Laptop Replacement | | $90,000 | | | |
| PA System Upgrade | | | | $50,000 | $50,000 |
| PreK - 3 Teacher Laptops Replacement Project | | | $205,000 | | |
| Security Camera Replacements | | | | $15,000 | $15,000 |

# Appendix B - Current Inventory

Inventories are color-coded with green indicating equipment under warranty and or fully capable. Yellow indicates equipment that is off warranty, starting to fail, and should be considered for replacement. Red indicates equipment that is past its lifespan and should be replaced.

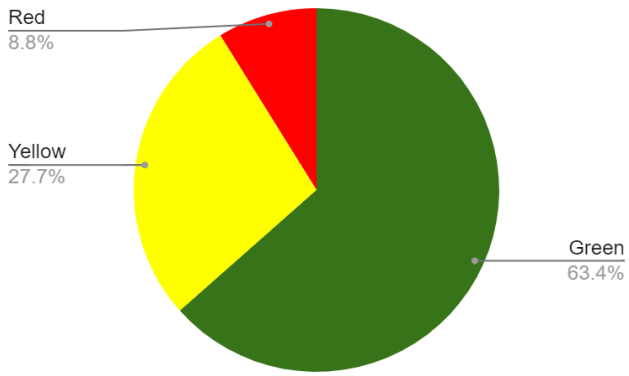
### Laptop Inventory

| **Total** | 102 | 86 | 35 | 33 | 39 | 42 | 16 | 21 | 16 | 9 | 14 | 413 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | **HS** | **MS** | **North** | **West** | **SS** | **WOB** | **BO** | **WW** | **OIT** | **RH** | **SSS** | **Total** |
| 2024 | | | | 1 | | | | | 4 | | 2 | 7 |
| 2023 | | | | 1 | | 2 | 1 | 1 | | | | 5 |
| 2022 | 11 | 1 | 4 | 2 | 1 | 1 | 1 | | 1 | 1 | 3 | 26 |
| 2021 | 1 | 1 | 2 | 1 | 1 | 1 | | 4 | 1 | | 2 | 14 |
| 2020 | 86 | 8 | 7 | 4 | 36 | 36 | 14 | 16 | 6 | 3 | 4 | 220 |
| | | | | | | | | | | | | |
| 2019 | 4 | 74 | 22 | 23 | 1 | 2 | | | 4 | 3 | 2 | 135 |
| 2018 | | | | | | | | | | | | 0 |
| 2017 | | 2 | | 1 | | | | | | | 1 | 4 |
| | | | | | | | | | | | | |
| 2016 | | | | | | | | | | | | 0 |
| 2015 | | | | | | | | | | | | 0 |
| 2014 | | | | | | | | | | | | 0 |
| 2013 | | | | | | | | | | 2 | | 2 |



## Desktop Inventory

| Total | 95 | 89 | 7 | 6 | 3 | 12 | 3 | 7 | 6 | 3 | 231 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | HS | MS | North | West | RH | SS | SSS | WOB | BO | WW | Total |
| 2021 | 75 | | | | | | | | | | 75 |
| 2020 | 1 | | | | 3 | 1 | 3 | 1 | | | 9 |
| 2019 | 15 | 35 | 5 | 4 | | 3 | | 3 | 2 | | 67 |
| | | | | | | | | | | | |
| 2018 | | | | | | | | | | | 0 |
| 2017 | 1 | 50 | 1 | 2 | | 2 | | | 1 | 2 | 59 |
| 2016 | | | | | | | | | | | 0 |
| | | | | | | | | | | | |
| 2015 | | | | | | | | | | | 0 |
| 2014 | 3 | | | | | 1 | | | 2 | | 6 |
| 2013 | | | | | | 1 | | | | | 1 |
| 2012 | | | | | | | | | | | 0 |
| 2011 | | | | | | | | | | | 0 |
| 2010 | | | | | | | | | | | 0 |
| 2009 | | 2 | 1 | | | 4 | | 3 | | 1 | 11 |
| 2008 | | 1 | | | | | | | | | 1 |
| 2007 | | 1 | | | | | | | 1 | | 2 |



## Projector Inventory

| Total | 72 | 69 | 22 | 31 | 31 | 28 | 12 | 265 |
|---|---|---|---|---|---|---|---|---|
| | **HS** | **MS** | **North** | **West** | **SS** | **WOB** | **BO** | **Total** |
| 2023 | | | | | | | | 0 |
| 2022 | 41 | | | 2 | 19 | | 4 | 66 |
| 2021 | | | | | | 22 | | 22 |
| 2020 | | | | | | 6 | | 6 |
| 2019 | | 69 | 1 | 1 | | | | 71 |
| 2018 | | | 21 | 28 | 1 | | | 50 |
| | | | | | | | | |
| 2017 | | | | | | | | 0 |
| 2016 | 2 | | | | 8 | | 3 | 13 |
| 2015 | 29 | | | | 3 | | 4 | 36 |
| 2014 | | | | | | | | 0 |
| | | | | | | | | |
| 2013 | | | | | | | | 0 |
| 2012 | | | | | | | 1 | 1 |

## Chromebook Support Expiration

| School/Use | 2021 | 2022 | 2026 | 2027 | 2028 | 2029 | 2030 | 2031 |
|---|---|---|---|---|---|---|---|---|
| Boutwell | 50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Ed Assistants | 32 | 43 | 0 | 0 | 0 | 7 | 0 | 0 |
| HS | 0 | 0 | 0 | 0 | 0 | 75 | 0 | 0 |
| Long term loaners HS/MS | 0 | 0 | 0 | 0 | 0 | 180 | 75 | 0 |
| MS | 0 | 0 | 0 | 0 | 0 | 75 | 0 | 0 |
| North | 25 | 0 | 0 | 0 | 0 | 250 | 25 | 0 |
| Shawsheen | 0 | 50 | 0 | 0 | 0 | 175 | 0 | 25 |
| West | 0 | 0 | 0 | 0 | 0 | 250 | 0 | 0 |
| Wildwood | 25 | 25 | 0 | 0 | 0 | 0 | 0 | 0 |
| Woburn St | 0 | 50 | 0 | 0 | 0 | 150 | 25 | 25 |

# Appendix C - Survey

The following pages contain survey results of faculty, parents, and students. Surveys were conducted in February of 2024.

# Staff Technology Plan Survey 2024

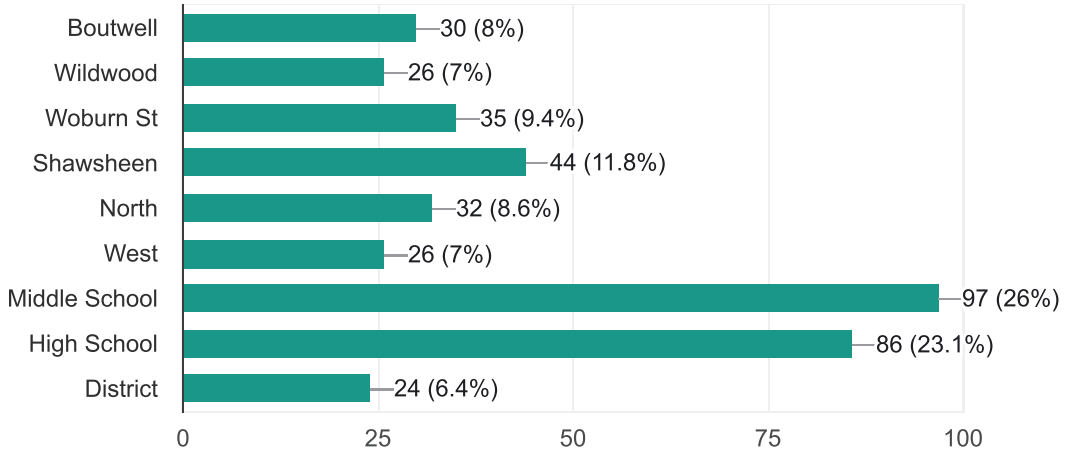
373 responses

Publish analytics

## What school(s) do you work at?

Copy

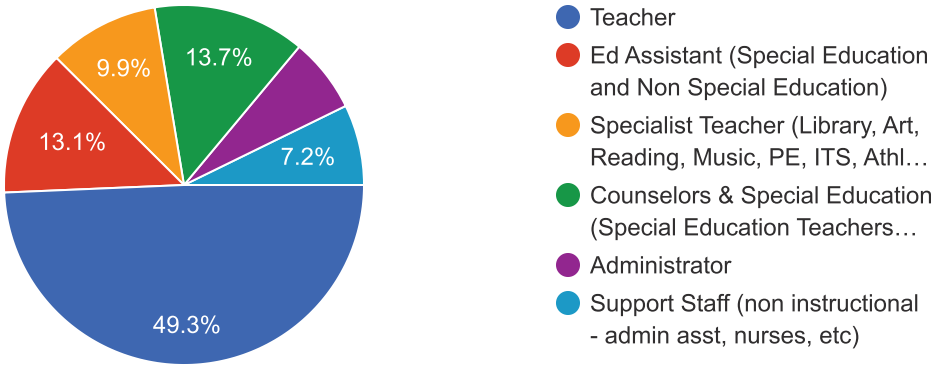
373 responses




## What is your staff position?

Copy

373 responses

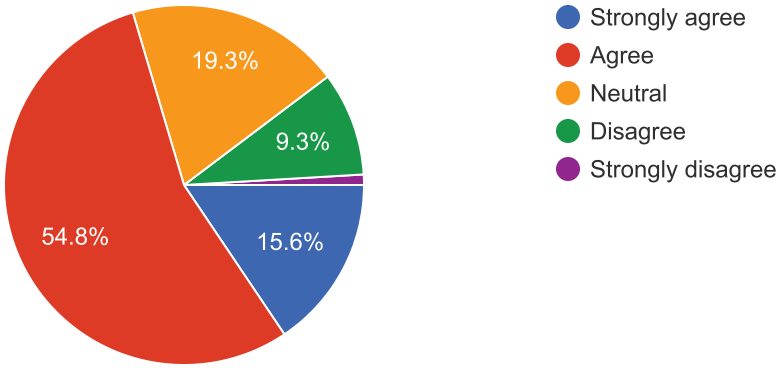



Instructional Staff Questions

My students and I have access to the technology hardware we need to succeed.

Copy

321 responses



## If you need additional hardware to succeed - please describe.

115 responses

N/A

Updated computers/battery

I would like access to extra Chromebook chargers.

I would love to have access to an Ipa

Would love a nice class set of headphones to be used year after year - would also love a device to record short videos

I totally understand it may not be possible, but a color printer would be amazing to have increased access to!

The Chromebook are horrible. Tablets would be 100% better. Most students use tablets. We need more printers to share. We have none. We have to use the copier and have NO access to color printing which we need to support the L/A and Math curriculum for centers and IEPs

It would be helpful to have new, brighter projectors on the third floor of the high school. I know that we were held back because of supply chain issues.

The printer in adjacent room (#247) has not worked since the beginning of the year. Repeated tickets and no results. (we need access to a working printer closer than a floor away)

We need headphones that are usable on classroom computers also.

Yes. My computer and projector are great.

1-3 spare Chromebook chargers for student use in the classroom would help to alleviate problems for students with executive functioning struggles, especially since the school is no longer loaning out supplies of this nature.

10-20 headphones for student use in the classroom would also help to alleviate problems for students with executive functioning struggles, text to speech accommodations, and read louds, especially during diagnostic testing days.

Every classroom needs at least one spare charger. We have spare pencils--it's the same thing, IMO. (It would be great to have a spare chromebook, too, but chargers are the priority.)

It would be nice having a class set of headphones. Although it's on the school supply list, students don't always bring them in, so we are left scrambling for a pair when students need

them (for Raz-Kids, Dibels, etc.)

an IPAD for related services would be helpful as it is a motivator for many students and can be used for both PT and OT objectives

I would like there to be an a few additional teacher computers that can project in each building. When people occassionally forget their computer at home - it makes for a very stressful day. Having a back up or two would be amazing.

It would be helpful for third grade students to have 1-to-1 devices. There are many times that we have to change our schedules or activities to accommodate multiple classes needing the same Chromebook cart at the same time.

It would be nice to have technology so that I could monitor what my students have up on their chrome books. Are they taking notes or messing around on fantasy football?

n/a

Chargers for chromebooks, updated laptops for teachers, chromebooks easily available for students throughout the day

Chromebooks and carts are not properly maintained.

more chrome books or computers. The new reading program that we are adopting has wonderful online tools and a huge library but we do not have enough technology to allow every student to access it daily

Broken video & sound in my teacher laptop

Some of the chromebooks are aging and break down

We've solved storage issues with the network drive, so that has helped, but sometimes we experience slow-downs possibly due to memory. Adobe programs will rarely crash on the students stations, but I experience crashes ocassionally on my laptop.

Updated computers or Chromebooks

We need updated projectors in the 3rd floor Science rooms.

We have access to Chromebooks, but sharing amongst classrooms proves to be difficult while whole grade levels are giving online assessments. The Chromebooks also have difficulty with their audio frequently.

It would be beneficial if each school had access to a "teacher" laptop in the event one is needed.

1:1 technology at the younger grades.

We need 1:1 devices for each student.
We need reliable WiFi - we can't always access the WiFi without losing connectivity, and it's frustrating for the kids.
We need access to color printers, especially with the new curriculum we will be using next year.

Sometimes we just need more chargers, but that's on the kids.

More Chromebooks for each school would be nice. Especially those with touch screens

ipads would be more user friendly

My laptop is very old. I have had to put in countless tickets for issues that have happened that have disrupted my instruction. The techs have been very helpful and tried their best with fixing/maintaining it.

The smaller breakout rooms often have classes, activities, etc., but do not have the same amount of tech in there to utilize the space. Would you consider some smaller projectors/speaker setups in those spaces? Any space that has student use or multi-purpose use could benefit from having similar setups.

1-Classrooms all have mimeo boards but there is no mimeo board in the room that services students on IEPs (maybe due to size?) but would be nice to access to same technology as classroom teachers.
2-Lack of outlets to charge devices

We were promised projectors and didn't get them

Each classroom should have their own set of Chromebooks

A decent laptop

Third graders use chromebooks a lot, we should be 1:1 at this point. Also, my pens for my projector do not work on my whole screen. THis is not an issue with technology, but with the fact that we have to retro fit whiteboards over chalk boards to be able to use the technology. Since the board doesn't fit over the chalkboard, it was put in at a slant, and it works 25% of the time on the bottom portion of the board.

We need additional Chromebooks so each classroom has a set. We often try to use them a the same time.

I am a PE teacher and if we could figure out some way to have access to a projector or some method in the gym it would be helpful at times. This is a luxury I know but it does limit some

options, I am not sure what is feasible but sharing information or Realtime data is the limiting aspect.

One to one access, Easier method for logins

I may need a new projector speaker soon but other than that I'm all set.

I wish myself and students would have access to flash drive for some interactive online activities. A colored printer so I can differentiate my curriculum would be used by the entire time for our students. We could then laminate items and use them yearly.

It would be nice to have more chrome carts and mice. During testing times, it's tricky to schedule the carts.

~10% of my students do not have working laptops. I know this is not the school's problem.

I have a hand-me-down document camera. It frequently shuts off/switches to the camera on my monitor during my lessons but I need it to run my classroom.

Laptops not chromebooks. Access to the network or school wifi as employee I can not access the school wifi only the guest. I can at the highschool by signing in but this is not available at the North.

Wish to have a small class set of chargers in case students need it during class

Thinking from the SPED perspective- more iPADS for testing since that seems to be the direction some testing is going in/continued trainings in this area.

Updated chromebooks (already on your radar)

It is difficult to assess or trial high tech AAC with students with complex communication needs because we don't have the necessary tech to do so.

need extra Chromebook and chargers for classroom. We do graphic design and there are a lot chromebook issues.

It would be good if every Chromebook cart could have a headphone and mouse for each kid

Ed Assistants aren't able to use the projector because we only have Chromebooks

Access to chromebooki cart throughout the day as some students have decided they won't go down in the morning and then don't have a chromebook for say 2nd or 3rd period.

clicker for my projector, document camera

One or two chargers for the classroom would be a game changer. I have bought one with my own money and it is used in almost every single class every single day and I have students from other houses ask to use it.

Microsoft- the expanded version. The light online version is horrible

It would be great to have a smartboard/ Mimio teach board available to support our students.

Existing hardware malfunctions constantly

Our Tech Ed classes will need more 3D printers. The volume of designs our students create to print is high, and next year we hope to expand our teaching to include 7th grade. Conservatively, we would need to double the number of printers we currently have by adding another three to each of our two classes (Dr. Ronchetti's and mine), for a total of six new printers.
I also would like to find out if I can get the same type of projector I had in room 247. In my current classroom, there is an old type of projector that uses a drop down screen. I can't write on the board and use the projector at the same time.

The chromebooks are great but we need chargers that can be in each classroom for when students need to charge. Also, access to iPads would open up other opportunities

We could use loaner chargers for classrooms. Student w/ADHD need that accomodation.

Teacher IPad

iPads for communication devices and modeling of using devices in the classroom setting

We need a Chromebook or two designated/available on the core team every day for when kids have issues after period 1 when the tech dept services are no longer available in the lobby. If a kid is in the middle of a quiz online and their Chromebook dies/crashes we now have to try to track Brenda down to get a replacement. She has been fantastic, but it is still time chewed up when that kid is sitting idle. If each team had a couple of Chromebooks designated to them at the beginning of the year and were turned in at the end of the year, that would solve the problem.

For our classroom, having a couple of Chromebook chargers would help for student access (ones that stayed in the room).

If possible, giving teachers a tablet to be able to use might be helpful with allowing them to teach, while circulating the class for some activities. This is merely a suggestion.

Providing each classroom with a few spare chargers would be extremely helpful to provide for those moments when students' Chromebooks aren't charged. They can't go down to borrow one after first period, and if their Chromebook dies later in the day, they are stuck.

A smart board would be awesome to have in my special education classroom.

chargers

More interactive projectors or screens would be great!

A smart board , additional subscriptions

I feel as though my first grade students need 1:1 devices to successfully access the available materials included in the newly adopted Literacy Curriculum HMH Into Reading

document camera would be super helpful

I've requested multiple WEF grants that were denied because I am a specialist and can just sign up to use chrome books

A school cell phone that can be used by chaperones on fieldtrips overseas would be helpful.

If the teacher is out, we do have the correct hookups to be able to link our chromebook up in order to use the smart board since our chromebook is different from what teachers have. We need to rake over the class but do not have the tools to seamlessly step in

Drawing tablets would be amazing and also an easy to use color printer.

I would love to have a class set of chromebooks for the art room!

1-2 ipads for student use in art class

On to one touch screen devices for students and teacher could be helpful with assessments and progress monitoring.

Students have so much technology that it is a distraction. We should make the entire school a Faraday cage so that cell phones do not function and we are locked into the school's network and firewall.

1-1 devices for all students

It would be awesome if we could be 1:1 Chromebooks, specifically the touch screen ones for the younger kiddos (Kinder and First).

I have a very slow Chromebook. When I am called upon to sub in a classroom I cannot access all the online curriculum along with the ability to project any lessons the teacher may have left. I was told Ed Assistants do not need laptops, which I do not agree with.

more access to chromebooks would be helpful-set in our classrooms or 1 set per 2 classes

I could use a set of chromebooks, designated for my ELL students with the sites we use and ACCESS testing platform loaded onto them. The classroom chromebooks I have to borrow from classroom teachers are not always available and they do not have ACCESS Testing platform for practice.
II do not have a docking station, projector or larger screen at the Shawsheen. If I need to show students a video they have to crowd around my laptop. A document camera would also be very useful.

Ipad for Dibels assessments that then can also be used with students for learning and additional engagement.

IPADS and new chrome books

An appropriate computer and access to the whiteboard for classroom use.

More chargers for chromebooks.

I would benefit from having a private/personal printer to share with the school psychologists and team chairperson in my office area.

Students in the SSP would benefit from the support of IPADs.

They need chargers available to charge the chromebooks in school. Thinking Chromebooks are the new paper, then that makes the chargers the new pencils. We are expected to provide students with paper and pencils throughout the day if they don't have the basic supplies, then we should be able to provide them with chargers and chromebooks as needed.

Projector in physical education areas (gym specifically)

The chromebooks in our carts are older and slow and don't always hold a charge. Getting new chromebooks would be ideal.

chromebooks are old and there are issues with keyboards, not holding a charge etc....

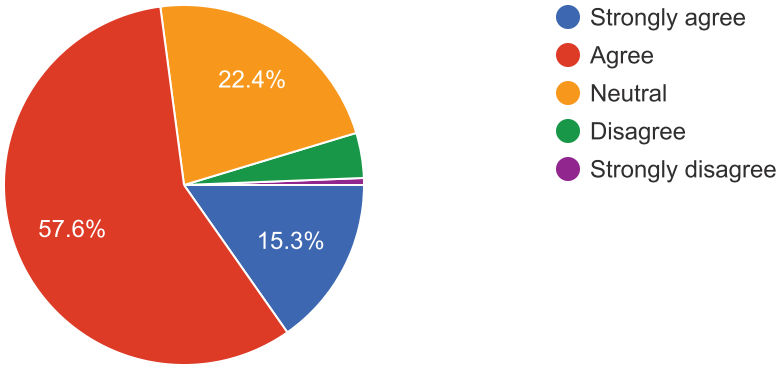
updated projector

14 more responses are hidden

My students and I have access to the software/online subscriptions/apps we need to succeed.

Copy

321 responses



## If you need additional software/online subscriptions please describe.

82 responses

Quizizz

N/A

Missing access to Quizziz and am disappointed we cannot get streaming subscriptions for our courses. I'd also love a district purchased SMORE membership.

I do not have an Ipad, so my students do not have access to any apps on an Ipad

I don't think the English department has any subscriptions other than Swank for Film Studies.

A Smore subscription would be amazing to help our newsletters be more inclusive and easily translated!

Pinterest

all classroom computers need OS updating

would love padlet!

I really miss the desktop office. Office 365 is terrible and doesn't have the features that I used to use. I had years and years worth of documents in Word that need to be uploaded. Office 365 has no easy organization and it feel like the documents are just uploaded and lost. Uploading documents is not easy and the Office 365 program locks up and stalls often.

Paid version of Wakelet

We are missing the Microsoft Office Suite here in counseling this year! We use Excel for CSV files especially tied to Aspen and find the formatting much better in Microsoft Word for documents (recommendation letters, Special Education forms and other formal correspondence). Additionally, having a PDF editor would be helpful but not something we had before.

It would be helpful to have access to the other core subjects in IXL, especially math and science.

Quizizz, Kahoot, Blooket subscriptions

I would like IXL to not have to be grant funded. Clearly the North likes using IXL and finds it beneficial for students - is there some way to just put it in the budget? I would also love Microsoft Word back - it's super confusing sometimes without it.

Discovery United Streaming

Additional Reading / Phonics

It is a privacy act issue which is beyond our control

Thanks to WEF - we have been expanding our interactive Lightbox collection.

IXL would be a beneficial subscription to have. IXL has ELA, Math, SS component that are great tools to aid in the education of the students.

MICROSOFT OFFICE - The new literacy program downloads all content through Microsoft word, which makes it very inconvenient to not have it anymore.

Students need math fact fluency, and there are so many programs that students could access with 1:1 devices, and a thoughtful selection of what's available. The fluency practice they could get through a website is more efficient than flashcards.

https://flangoo.com/ It's a great Stream Digital Short Stories and Novels in Spanish and French.

Mathfacts.com is a resource I used in the past. I could track students time & days on the site & watch their progress.

I miss the Quizizz subscription greatly. I've had to pay for it myself. I also pay for Blooket premium and Gimkit.

Adobe editing software would be helpful

As AI tools start to roll out it will be helpful to have funds available to pilot some of those upcoming programs as well as courses available to students for those tools.

We have great reading options for elementary special ed, but nothing awesome for remedial math. Math Eggs looks good.

I have heard rumors that we are purchasing Math Facts Lab for next year. I don't know of any teacher at my grade level that likes this program. It seems like it is being forced on us.

Some software that would, benefit us are still listed in the Student Data Privacy Agreement (DPA).

I would love to have access to some type of fitness tracker like Strava or such for step tracking/activity tracking.

There are better reading / phonics subscriptions than Reading Eggs, like Lexia.

It would be great if we had IXL for math and science.

It would be nice to have GIMKIT premier but not imperative

Some of the software I would like to have access to has already been denied due to the them not signing the school system agreement.

Having Microsoft Word back would be a huge help. I have hundreds of documents done on Word and it is very time consuming to transfer them to Google docs.

Prezi, ChatGPT, Canva(I have this but not sure if the kids have access). Continue with Brain-pop. access to online programs to social studies Macmillan has these. Canvas and Blackboard are two different programs schools will use. Online Lab access. I like both more than google classroom. Especially for professional development. Access to actually learning new things. How are we teaching math now. How to engage students in (subject). There is so much more and now is really a exciting time because we are evolving into a smarter, faster society.

Would love to have a school district plan/account with Quizizz

NewsELA

I can't think of additional- it is difficult when we get emails from IT regarding programs we can no longer use due to subscriptions/etc

We are fortunate to have a subscription to Boardmaker online which is very helpful but we would benefit from increased access to AAC apps and software

Would lot photoshop for my students.

Desmos, quizlet live

I would love to have Quizizz again, and Newsela

Would like more access to read aloud books on Youtube that we had previously.

Microsoft- the good one not the cheap one. Adobe where we can edit.

Touchscreen Chromebook’s for kindergarten would help them navigate the device easier.

Gimkit and Quizizz would be nice.

There are issues with the subcriptions to some applications. Also, there are some sights that

are strangely blocked (pinterest), but others are not (discord)

Alaina Warren, Erin King, and I are working on a list

Touchchat, various learning apps, various fun apps for motivation

We need desktop Microsoft products. The online free version is massively inferior. Our Savvas curriculum program materials and documents are all in Microsoft, so they all need conversion at this point. It's a huge time-suck to have to use the free version to convert program materials that now are not compatible with Wilmington taking a less expensive route than paying the fee for teachers who require the desktop versions of Microsoft to run their curriculum and do their job.

DYKNOW is a software that allows teachers to be able to monitor and block what students are doing on their computer. This might be a useful tool for helping to prevent students from being off task when a teacher isn't looking directly at their computer. This software allows teachers to restrict or prohibit certain sites for students to be able to access.

Access to GimKit, Blooket, Wakelet, Discovery Education would be great.

My student needs update on an app she uses on the iPad. Snap type Pro

As long as we have the passwords from the teacher then yes...if not then no

News2 you account

I'm not sure if we have adobe illustrator and photoshop, but they would be great to have going forward.

Would love to have access to speech related subscriptions such has UltimateSLP, Everyday speech, etc

IXL math and science would be helpful

Is there any way that I can buy my own Microsoft Office subscription and have it installed on my school laptop? I am struggling with the online version of Office, and Google isn't particularly user-friendly for equations. Trying to pivot to one of these other options feels overwhelming when there is a work-around available.

I need access to both 4th and 5th grade curriculum as I support students in both grades.

a phonic program like lexia would be helpful

We're still waiting on our subscription to ELLI to be renewed.

I think it might be helpful to have software that allows teachers to monitor what sites students are on from their computers. Students are often using chromebooks inappropriately and it can be difficult to monitor.

Pinterest or Teachers pay teachers

pinterest access to print at least

Quizlet, Quizizz, Newsela

I wish we still had access to make practice assignments through Quizizz.

Online texts for novels would be helpful. Something similar to libby for students to use a Google log in for

Some of the math online software (math facts lab) is not ideal

more options that are engaging for elementary-MAth Facts Lab is not popular with students

It would be nice to have input on what programs/websites we can use for subjects.

Generation Genius, BrainPop Jr, RazKids, Class Dojo are great and don't want to lose them ...I use GetEpic and have used Freckle in the past too - really liked those.

I would really like a subscription to UltimateSLP.com - I have one this year and last year from technology grant but I will not receive it next year. I use that program a lot with my students.

Not at this time.

better math website subscription for first grade

AI Detection, No Red Ink, The Atlantic (for nonfiction articles)

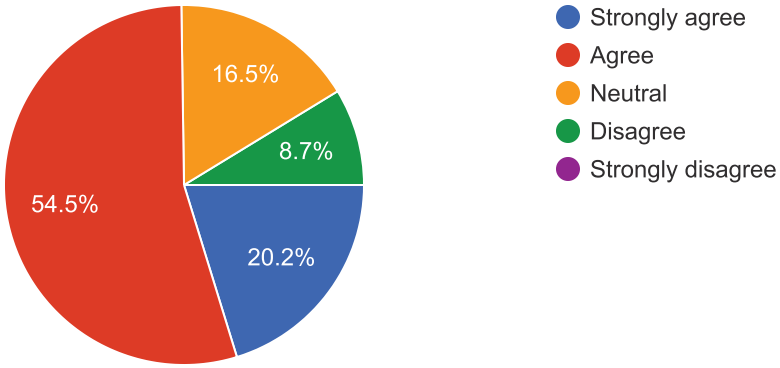
Scholastic News Raz kids brain pop jr.

IXL Math

My students and I have reliable access to wireless networking/Internet speed.

Copy

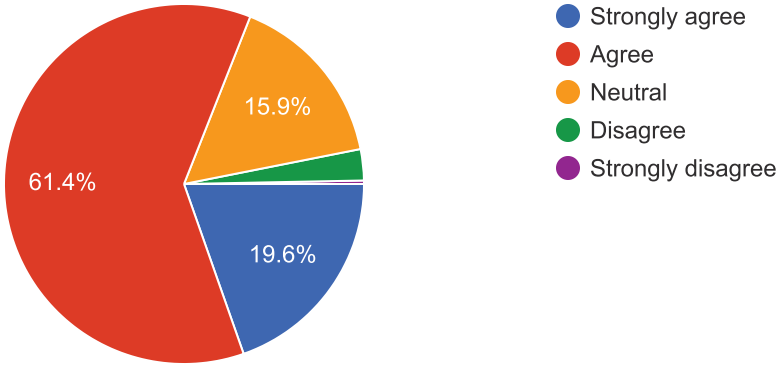
321 responses




I have access to the technology professional development that I need to succeed.

Copy

321 responses



## If you need additional professional development, please describe.

34 responses

N/A

I would love to have more access to classes that show me how to use Soundtrap more effectively.

I'd like to have professional development that teaches me how to more effectively use technology to plan units, deliver lessons.

Sometimes when changes or updates are made it is assumed that we can navigate those changes ourselves but we cannot. Not all of us are as tech savvy as others. The recent Microsoft Word and telephone installations were complicated for some of us. It would have been great if we had someone come to explain it to us instead of sending a lengthy email about how to do it. We finally did get someone to come but we had to ask and the time available was limited.

Better IXL training; not someone just talking at me for an hour.

professional development that helps educational assistants

I am still confused when I try to open word documents on the internet how to use word 365. Sometimes you find something - try to open it - and it gives you the error message. I am trying to learn to naviage how to get it to open in word 365 but it is not intuititve. For instance - I tried to open something from the commissioner of education that he put out on a word document and it was super confusing how to get it to open. Why can't we have word back?

I would love more training about the new reading program website about assessments and student tracking to be able to use the program to its fullest.

I would like to see advanced professional development options for teachers... not just Google Classroom!

I would like access to more technology integration. PD on how would I use a specific program while teaching nonfiction or weather for example. I know there are programs out there could be a better use of time and materials to learn while using technology. An example would be I know we don't have access to Pixton, but they offer so many modules so students could create comic strips using specific

I need time to try the new AI tools to apply in my area.

The menu is great. I might even suggest having some courses repeat through the year because there are times when teachers cannot take a course because of the time of year it's given but would still like to. It does not have to be new course/PD development every month.

Not strong at the Elementary level

I use WU to help keep me informed of updated sites, but I wish there was a master list so teachers can go back and access them. I don't always remember.

Why aren't we investing more in the further education of our employees? As education costs continue to rise, I've found it challenging to receive adequate support for class fees. Personally, I see greater value in enrolling in college courses than merely attending brief lectures. The WIDA program offered by MINTS at Merrimack stands out as exceptionally beneficial. Nonetheless, I believe that community college courses could offer even more significant advantages over our current personal development initiatives. I also want to highlight the value of the WU tech courses, which have been instrumental in helping us independently navigate essential technical applications. These courses are genuinely empowering. Expanding our access to online professional development would mark a substantial improvement. Additionally, the PD Collab has potential, but it would be significantly more beneficial if we could fully access the 15-hour courses.

Working with AI - both as a teacher for planning, how to teach with it, and ensure students are not plagiarizing with it

More PD on techonology to use for data collection for IEPs would be great!

I will always say that additional professional development is needed because you can never have enough. But what I really want to say is that we need leveled professional development. Too often things are slowed down by those teachers who can't keep up with the technology like many of the rest of us.

I took Aspen 101. Hoping for Aspen 102

I think there are plenty of options provided for different programs we can use, but I would love a retraining option for the benefits of our projector. When we got the training, it was at a rushed time that I was never able to practice with it. So something that would provide a video, where I could look back and practice would be awesome.

I would love a basic class on using/creating Google Sheets. The WU offered this spring was specific only to conditional formatting and charts. I need the basic how to set up a spreadsheet to make it work for the data I have.

I think we could have more geared toward ed assistants

New layout and design software PD would be great.

I was particularly pleased with the winter Technology Workshop offerings this year. Thank you! And here at the high school, Amber is always eager to help with anything. Thank you, Amber!

It would be fun to have PD's on different apps we could try in the classroom!

Open architects and ASPEN training

Projector pen training :)

I would appreciate another time to learn about my projector. I just took the basic intro and do not have time to learn how to use many of its features.

n/a

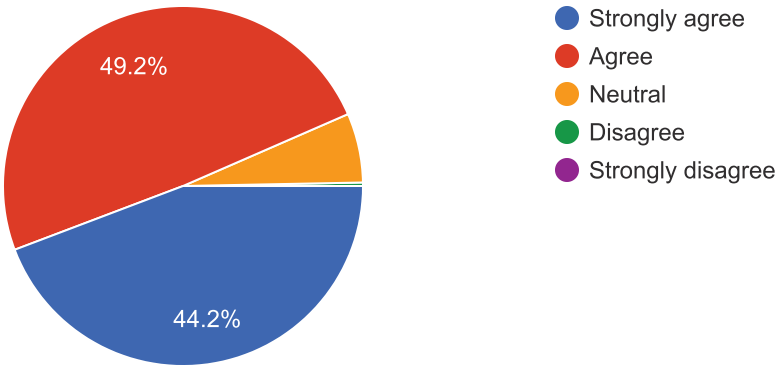
Would love in-depth training on Canva (it takes me so much longer to figure out the nuances by myself)

I would appreciate a professional development/workshop on how to use the new projector.

I understand the requirement to only use online software/subscriptions with my students that have a signed Student Data Privacy Agreement (DPA).

Copy

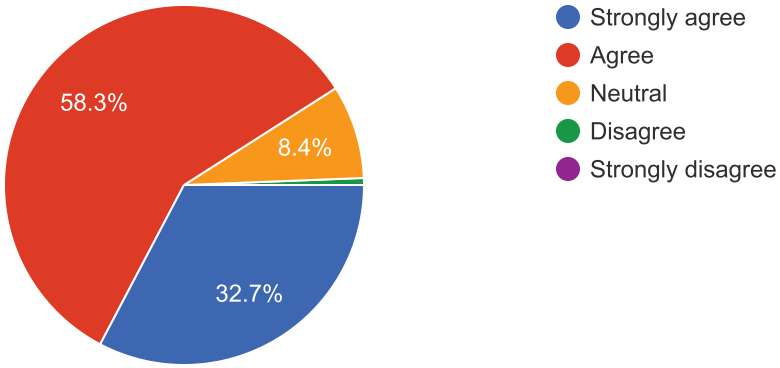
321 responses



I am confident in my ability to identify cybersecurity threats (emails/website links/attachments).

Copy

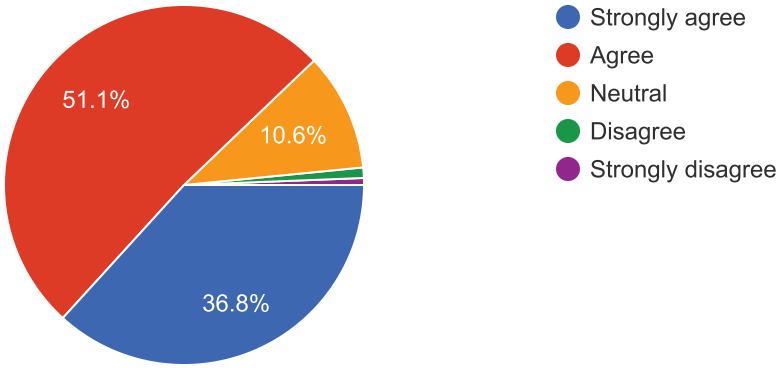
321 responses




I am satisfied with the level of support I receive from the OIT Department.

Copy

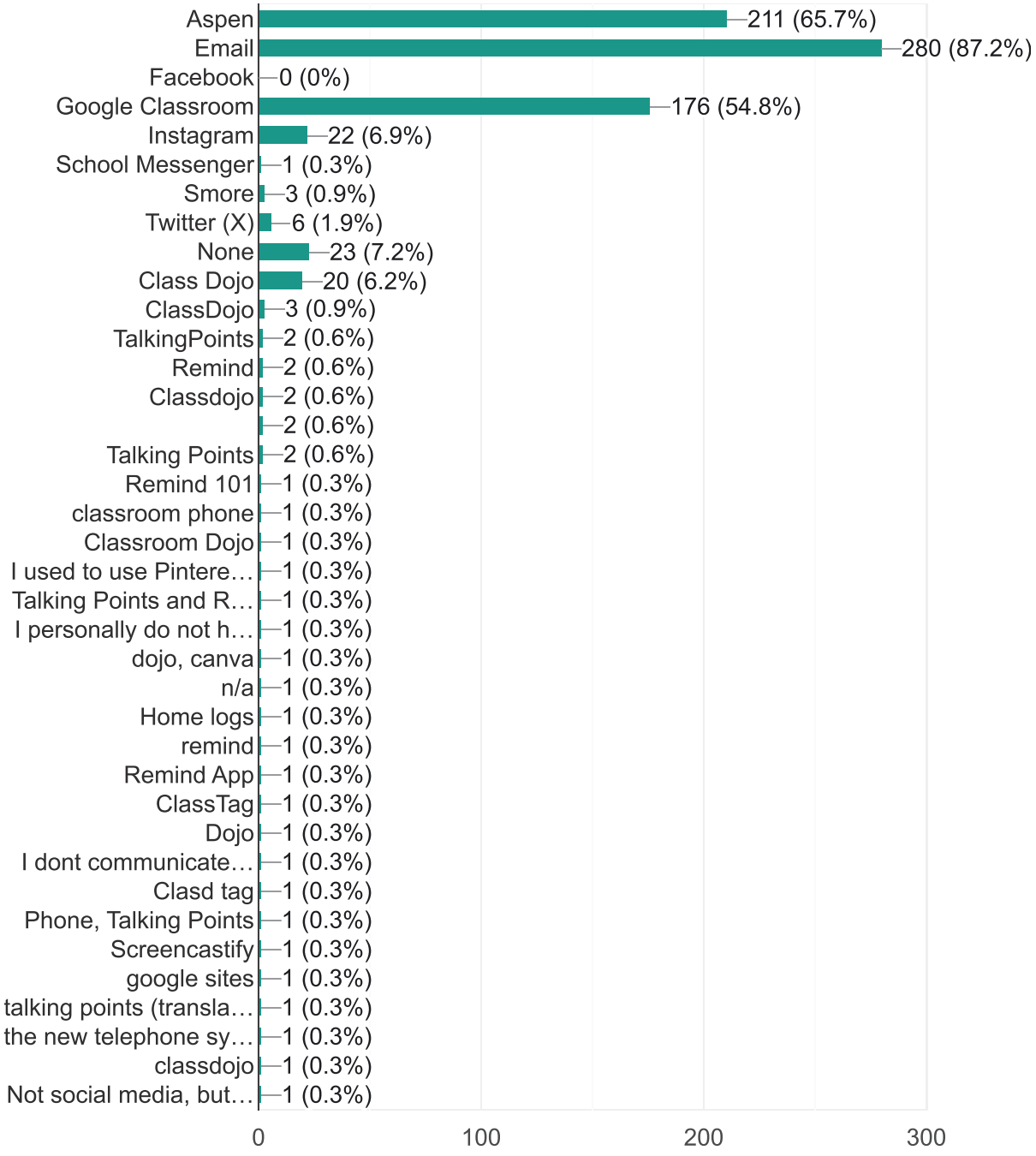
321 responses



## What social media/communication tools to use to communicate with your students and their parents/guardians?

Copy

321 responses



Is there a piece of new technology - hardware/software/initiative you would like to see the district pursue? Please describe.

81 responses

n/a

no

N/A

Smore district membership, Quizziz district membership

Tablets for all the students. More printers between classrooms. More color printing (Teachers have none and need this to support IEPs and curriculum!)

would love to have a subscription to Padlet

Lap top for educational assistants instead of a chromebook. If that is not possible it would be helpful to have access within the building to a laptop in case of teacher absence to ensure continuity in how classroom day is run.

faster access to email and internet

Color Printer for Boutwell

desktop versions of Microsoft Office instead of requiring us to use the online programs via Microsoft 365

I would love to see some touch screen tablets.

It would be nice to have handheld voice recorders in our classroom for students to record themselves reading and practice/improve their fluency skills.

Do not know name of it but my wife school has it. You can monitor students chrome books in front of you, it would be easier to make sure they are on task, be able to lock students out of search engines when taking a quiz or test online etc.

Touch screen computers or Ipads for younger children, a mouse is hard

Dojo or seesaw or smore

I would like to move to more wireless options for teachers. The ability to only have our desks in one place and be stuck there when we need to use the projector limits our ability to interact

with students.

updated printers for classrooms, easier access to colored printing

Rosetta Stone: Provides an immersive language learning experience using visual and auditory cues to enhance understanding.

Printers that work & are meant for commercial use. I have a printer that is more like a home printer. It uses up the toner very quickly. I am not able to make multiple copies on it & it often does not work or gets jammed.

clever for logging in

Staff definitely needs new laptops.

Some VR "lab" ideas and tool upgrades could be really interesting for staff and students alike. VR sets that link to the projectors in rooms so we can see and design what we are seeing at the same time. I also think this would be a great question to pose to community partners as well and see what tech they are using. Real estate professionals use MatterPort and drone footage, and I'm sure there are others out there.

Not at the moment.

Chromebooks for each student grades 3-5, classroom printers for all classroom teachers

Decent laptops for Ed assistants

more access to color printers.

Just options for access to options in or near the gym. Maybe access to a screen in the hall?

ipads for kindergarten . So many of them use them at home and/or phones and know how to navigate.

I don't know of anything, but I am limited in my technology knowledge.

ipads for classroom use.

Software- second step

Since most IEP meetings are held virtually now, I think that we should have 1 larger screen that the team can use in a conference room to conduct the meeting. This would allow staff in the building to meet together instead of searching for a small unoccupied area to go online individually. This would also allow the classroom teacher to see paperwork that is otherwise

not shared with them. Having gone to multiple meetings so far this year, I really think this makes sense.

Can we use tablets wirelessly with out projectors? It would be nice to be able to move around more.

I would like an iPad to administer my reading assessments

I do not have one in mind but with improvements happening all the time I think we should take a deep look into that.

Quizizz - I used this a lot during the 2020 - 2021 school year

photoshop

Desmos online platform

I would like to see the district invest in something like GoGuardian so that teachers can monitor what students are actually doing on their chromebooks. Students are very good at hiding tabs as we walk around and montior the room.

gimkit pro, quizizz pro

No.

Remind app

Computers on ed assistant's desk

I don't have anything specific in mind at this time, but if/when I do, would the channels be open for a dialog about it?

I would like to work with students on how to use Chat GPT effectively....but they are not allowed to use it. I even took a workshop that suggested we use it as a teaching tool. It would be great if that could change.

Attainment apps for iPads/computers

I'd love to expand our ability to use Vernier sensors and lab equipment in science. We have some great equipment that has sat in a cabinet for years as devices and software capabilities have changed that may be useful with updated technology.

NA

It would be awesome to have access to some kind of program where we could see/control what are on the kids screen. For example, if we'd like them to still have their computer open and facing them, but show what we want on their screen. It'd also be helpful for times where you can see that a student is trying to hide what's on their screen or minimize something they shouldn't have up. Currently, it's just a constant circulation and asking them to keep their Chromebook visible.

DYKNOW software if available would be incredibly helpful for monitoring students that are off task when they are using their computers in real-time.

Chromebook chargers for classrooms and access to spare Chromebooks during the day (beyond first period) for those times when things happen.

ipads for SPED

none

1:1 devices for our students

Less is more! Let's just pick one and go with it.

Giving ed assistants the same workbooks as teachers so we can seamlessly step into any class and work

lexia for reading

My language base chromebooks are very slow and often have difficulty opening and running math assessments.

Not new, but I don't know if there's any way to give access to Pinterest in a need basis. I use it a lot when getting ideas for new lessons. I understand why it's blocked, but I've never had an issue and it's frustrating that I can no longer use it at school.

It would be nice to have some form of modern tech lab featuring nascent/developing technologies like 3D modeling/printing and certain types of open-sourced AI models like Stable Diffusion.

No

Touch Screen Computers

Lexia

I would love to look into the Timekettle translation earbuds/devices. I have no experience with them so I am not sure if they are a worthwhile purchase.

IPADS, Interactive TV's or update the Interactive Whiteboards

Second step programming

I would like a full access subscription to Quizizz

1:1 chromebooks

Freckle

I think several of the Speech Language pathologists would really like Ultimate SLP

external mice for students; extra chargers for classrooms; extra chromebooks for students during the school day

ipads

More touch screen chromebooks for students, I pads for teachers assessing students in DIBELS

better AI detection, software to allow teachers to lock tabs on student Chromebooks

1:1 Chromebooks, IXL, Scholastic News Online, Scholastic BookFlix,

Are you interested in pursuing STEM/real-world learning activities with your students that would require the district resources to support this opportunity? Please describe.

59 responses

No

no

n/a

yes

Not at this time

Yes

sure

I would like STEAM activities as well.

Yes! Would love a way to record experiments and play them back in slow motion, I am also interested in any other STEM activities that I may not know about yet

YES! If we had tablets there are many STEM apps that would be awesome such as Tynker Jr. coding for kids and Toca blocks..

TechED would like to incomporate a robotics curriculum in the classroom. For this we would need an investment of parts at minimum and idealy, additional teacher training to maximize content.

maybe!

n/A

It depends- I would love for my students to have this opportunity, but teachers cannot manage to have one more big initiative put in their plate. However, I am happy to support a technology/STEM specialist if they are the one to plan and lead the project.

Sounds interesting.

Yes, I am interested in trying those real-world learning activities to increase motivation.

For world languages, every chance we get to bring the world to students is great. Anything we can help to show them the world without leaving the classroom is a helpful tool.

Not that I'm aware of.

I haven't considered it.

Yes, but I don't know where to start. I know during COVID the Red Sox had weekly STEM videos to show the students.

YES! I would love it!

Okay

Yes. Science experiments and math games

Absolutely

Possibly -

No.

The continued support for 3D printing (mentioned above) and CAD.
As with my question above, if something new does present itself in the (near) future, would could there be a dialog about it?

Yes. There is nothing specific I have in mind, but I also do not have time to dedicate to researching all of these opportunities. It would be great if there was a way to notify us of what resources are out there.

NA

Potentially, though I do not know what specific resources I would need. Students do tend to enjoy more hands on projects/opportunities though.

I am interested in this but not sure what resources are necessary.

Yes but teaching five subjects a day makes it difficult to manage and plan. I could assist.

yes. not sure

I would certainly support and contribute to any possible lab as described above.

No

That would be awesome! My students really loved the Hour of Code. Since we live in a technology-led world, students need to become familiar with the basics (typing, usage, problem solving with a computer, etc). I think kiddos would benefit from a typing course!

N/A

I would love to have a maker space available to all students in my school.

Yes, I would love to explore the math behind lasers and robotics.

I'm curious about what these things would be for grade 2 (all lower elementary) but sounds interesting for sure :)

Yes, building materials.

Yes

## Additional Comments

35 responses

Thank you for all your work!

I really appreciate how quick and easy the OIT team is to work with. You are all doing a fantastic job!! (& We are begging the powers that be for USB C chargers!)

The district needs to reevaluate the technology standards on the report card or find another person to be responsible for assessing those standards. Classroom teachers already have several core subjects to plan, teach, and assess. It's impossible to teach quality technology lessons on top of this, and then parents complain to teachers when students get a P on their report card. Many classroom teachers are not qualified and don't have a license to teach this subject area. Other districts have digital literacy specialists where students have the opportunity to use various types of technology that teachers don't have the knowledge and experience to teach well.

Thanks for all you do!

It would be helpful if over vacations and over the summer Chromebooks and carts were serviced. My cart hasn’t been touched in years.

Thank you!

The removal of Microsoft products (Word, PowerPoint, etc.) has made utilizing curriculum resources extremely difficult. It has also provided many extra steps and frustration for teachers to utilizing resources by having to download resources, uploading them to Drive, then opening them.. as opposed to downloading the resources and opening them. It would be extremely beneficial to teachers for Microsoft products (Word, PowerPoint, etc.) to come back.

Thank you for asking.

Thanks for all your hard work!

I think we should have better computers. the chrome books are slow. i have deleted cookies and refreshed and they don't have the newest apps. when i check for updates it says they are no longer capable with my device..

The internet in my classroom can be a bit spotty. Students struggle to upload photos to Google Classroom because the images won't upload.

I do not feel comfortable going to our Integration Specialist. When I asked a quick question she made a mountain out of a mole hill and was very condescending.

Please bring back Microsoft.

It would be great if students at the elementary level had STEM or STEAM as a specialist.

Are there any plans to incorporate digital learning teachers? Other districts have them as a special for their students. It would be great for Wilmington kiddos to benefit from that as well.

Thank you

I do not feel comfortable asking questions to OIT. It is not fun to have a legitimate question and be made to feel stupid for asking it, so I have simply stopped asking. Amber has made some nice videos and has been really helpful. In addition, it would be nice not to have to take a class just to get a question answered. There are also several icons on my desktop that do not work and it would be nice to have those removed.

Thank you for the ability to voice my thoughts on this!

None.

I love the Canva PD that was offered this year. I had no idea we had access to so many cool resources via Canva and use it all the time now

Thank you for all you do!

-

Similar to what I mentioned above, I still use technology a lot but have pulled back quite a bit from how much I previously had students using their Chromebooks because the students can get very distracted by other games or sites that are educational It would be awesome to have some of the random games restricted. Similarly, the idea of them copying and pasting from an AI program has also made it not worth doing some assignments online.

Thank you for everything you do!

N/A

It would be very beneficial for our students to have their own devices

Instructional questions did not apply to me.

Our OIT department is wonderful!

The report card standards are not applicable for us to be assessing. They need to be looked at and reviewed.

STEAM teacher to work with the students on projects would be incredible such as other districts.

Thank you for all that you do. I find the IT department very responsive and I appreciate the tech trainings.

OIT always wonderful with anything I need - they respond right away! Thanks for the prompt support.

The students need Chromebook chargers to be made available for them to use. Expecting them to bring a charger is now equivalent to asking them to bring a pencil and paper. We are expected to provide those basic necessities throughout the day, I would argue the chargers and Chromebooks are now the new necessities for daily education and as such should be made available throughout the day. Also, Chromebook should be allowed to be checked out at other points than just the morning. AS you know, middle school aged children do not always listen and follow directions, so if they miss getting a Chromebook in the morning it is the EDUCATORS not the students who suffer.

Not a fan of Math Fact Lab

My classroom phone does not have a voicemail set up for me as I am not a classroom teacher.

n/a

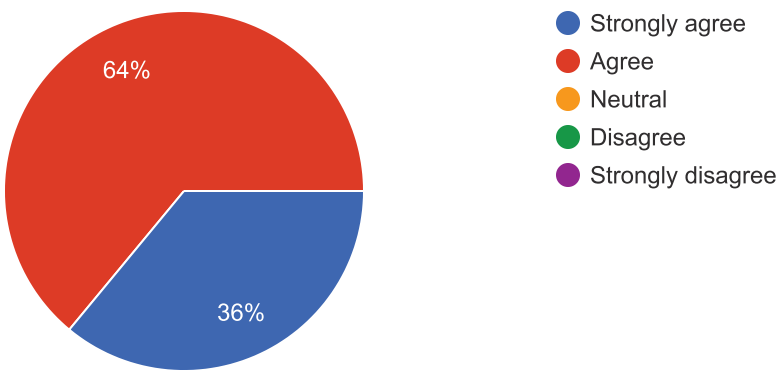
I would like a better document camera. The printer shared by multiple teachers located in my classroom constantly jams and needs to be replaced. I use Freckle, Kids A-Z and would like to continue these next year.

## Administrator Staff Questions

### My staff, students, and I have access to the technology hardware we need to succeed.

Copy

25 responses



## If you need additional hardware to succeed - please describe.

3 responses

Continuing to get updated chromebooks for speed and compatibility with programs, getting as close to 1:1 as possible. The touchscreen chromebooks have been helpful.

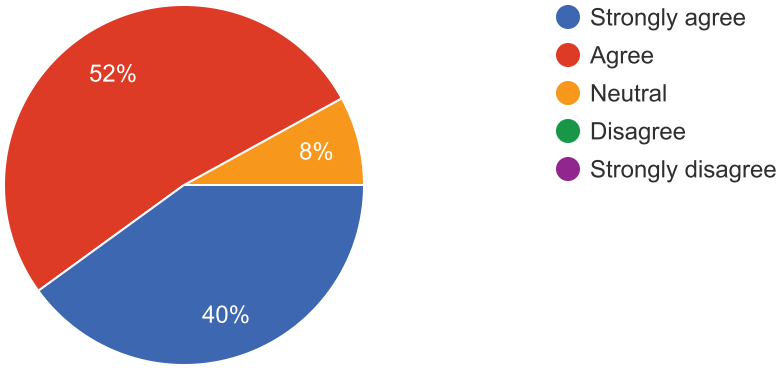
Students in the lower grade levels need more touchscreen devices for the number of programs we have that require students to use digital devices. If we do not have plans to invest in iPads, we need to begin to replace older devices with touch screens as they phase out and increase our quantity so the student-device ratio is 1:1.

touch screen chromebooks

## My staff, students, and I have access to the software/online subscriptions/apps we need to succeed.

Copy

25 responses




## If you need additional software/online subscriptions to succeed - please describe.

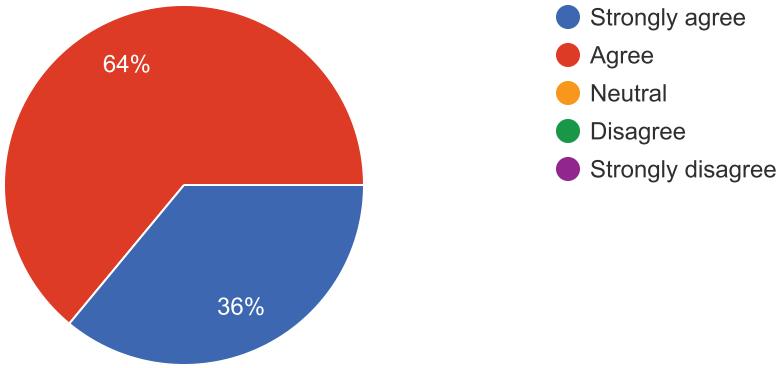
0 responses

No responses yet for this question.

My staff, students, and I have reliable access to wireless networking/Internet speed.

Copy

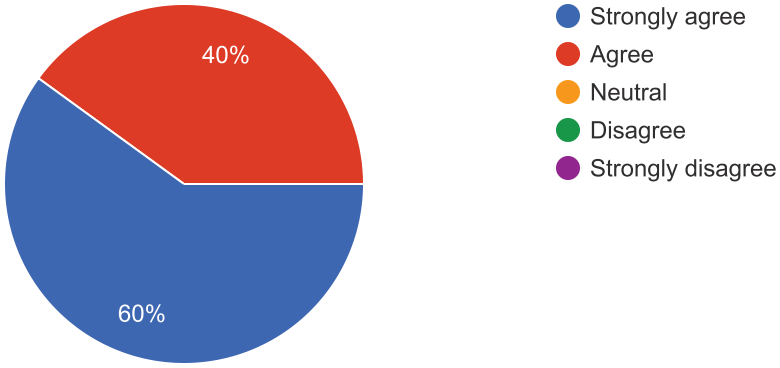
25 responses




I am confident in the district's ability to protect against cybersecurity threats.

Copy

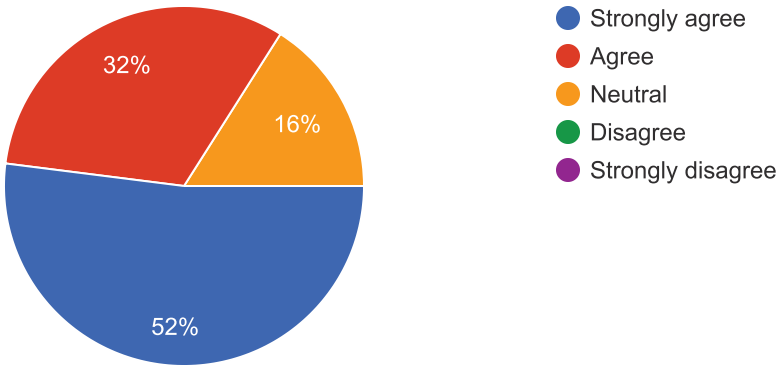
25 responses




I am confident in our preparedness to continue operations in the event of a cybersecurity event.

Copy

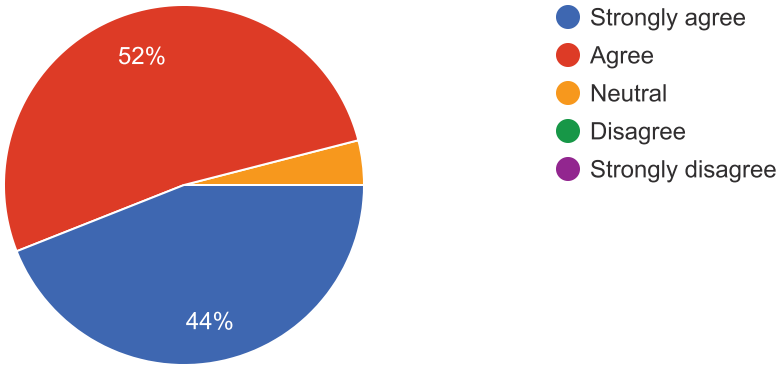
25 responses



I have access to the technology professional development that I need to succeed.

Copy

25 responses




If you need additional professional development, please describe.

2 responses

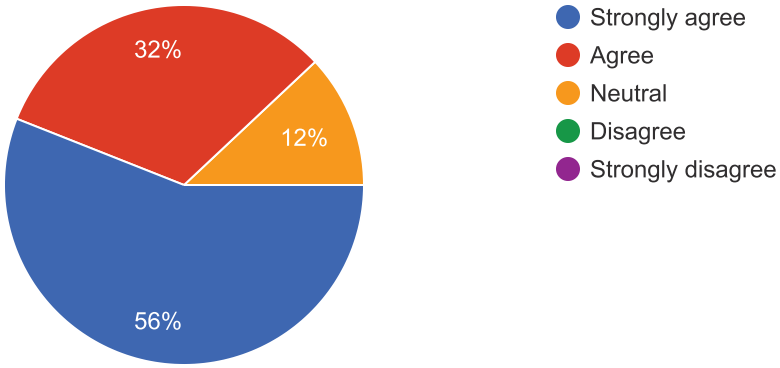
I don't personally feel I need additional Tech PD, but as an administrator, I think we should consider a better balance of asynchronous and "live" PD. Asynchronous doesn't work for those who need it most and we offer a lot of asynchronous sessions. It is usually best for those who are already tech-proficient, making it easy for them to accrue inservice hours. THose who need tech PD most often shy away from asynchronous because they know they need more support.

Aspen formal training for administrators, formal training on other resources available to support staff and students.

I understand the requirement to only use online software/subscriptions with my students that have a signed Student Data Privacy Agreement (DPA).

Copy

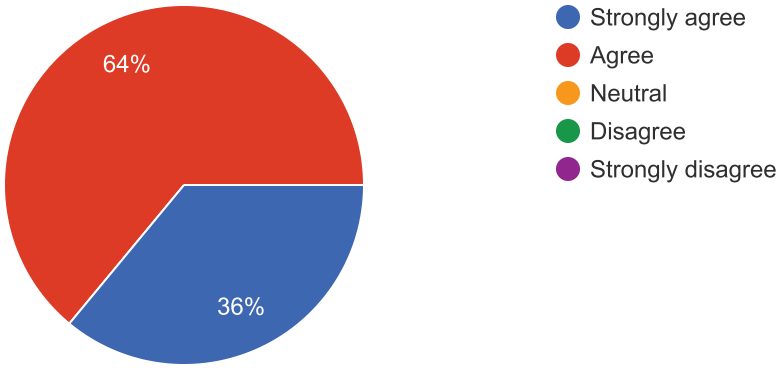
25 responses



I am confident in my ability to identify cybersecurity threats (emails/website links/attachments).

Copy

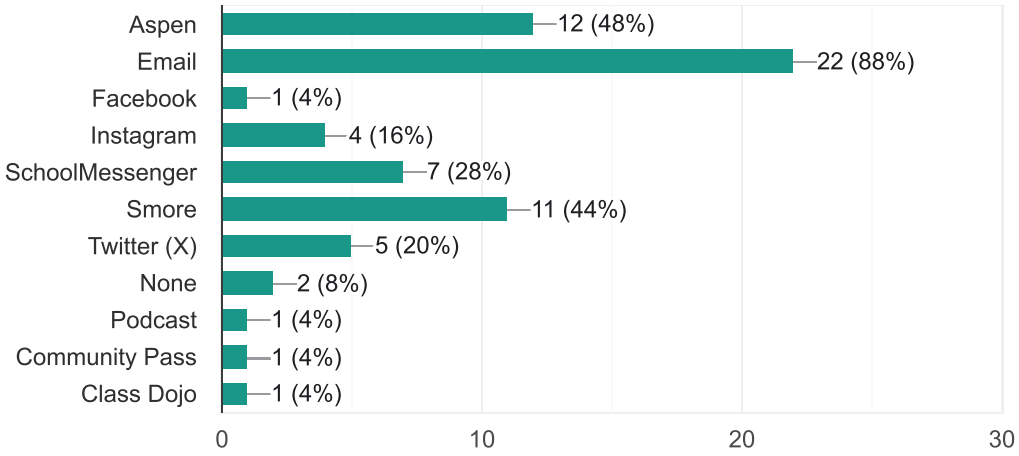
25 responses




What social media/communication tools to use to communicate with your students and their parents?

Copy

25 responses




Is there a piece of new technology - hardware/software/initiative you would like to see the district pursue? Please describe.

4 responses

C-Pen for students with dyslexia and EL's

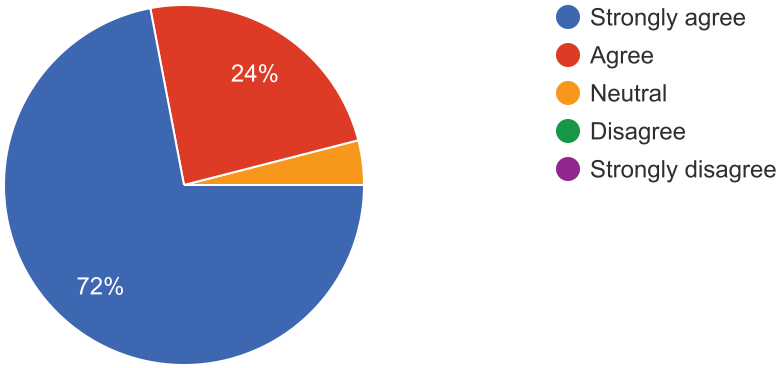
internal and external security cameras

Owl Camera for conferences

ipads

I am satisfied with the level of support I receive from the OIT Department. Copy

25 responses




## Additional Comments

3 responses

OIT is always responsive to any tech needs for myself and our staff. Thank you for all you do!

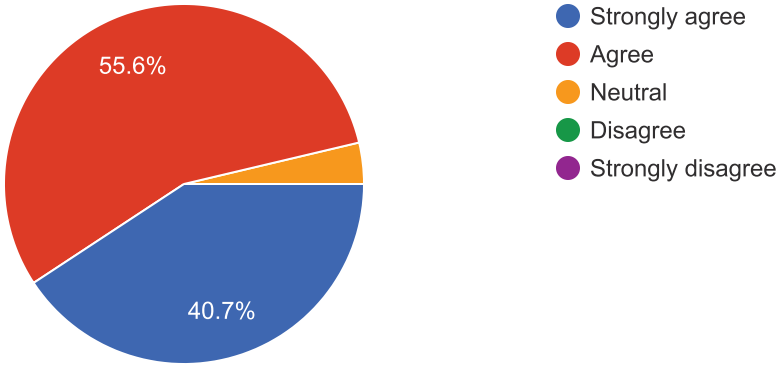
Nathan is the best and most handsome

the length of time to get tickets completed can vary.

## Non Instructional Staff Questions

I have access to the technology hardware I need to succeed. Copy

27 responses



## If you need additional hardware to succeed - please describe.

3 responses

Ceiling installed projector in cafeteria

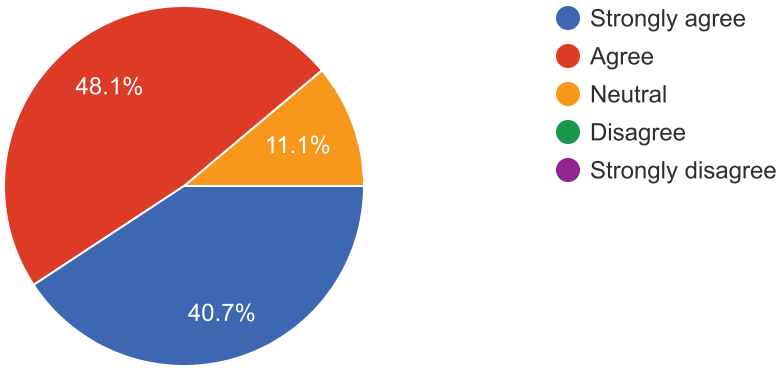
better printers

We need more cameras at WMS.

## I have access to the software/online subscriptions/apps I need to succeed.

Copy

27 responses




## If you need additional software/online subscriptions to succeed - please describe.

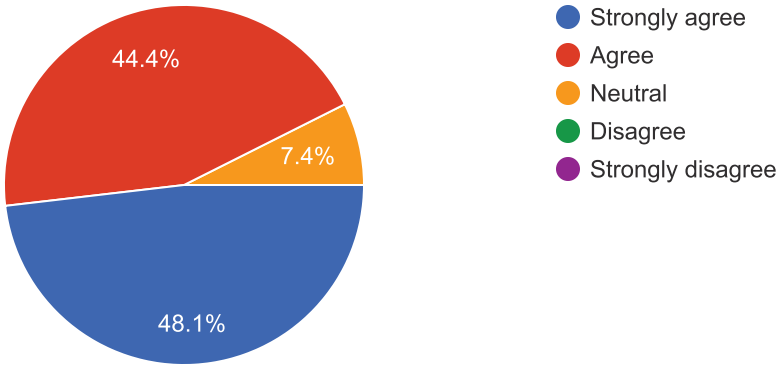
0 responses

No responses yet for this question.

## I have reliable access to wireless networking/Internet speed.

Copy

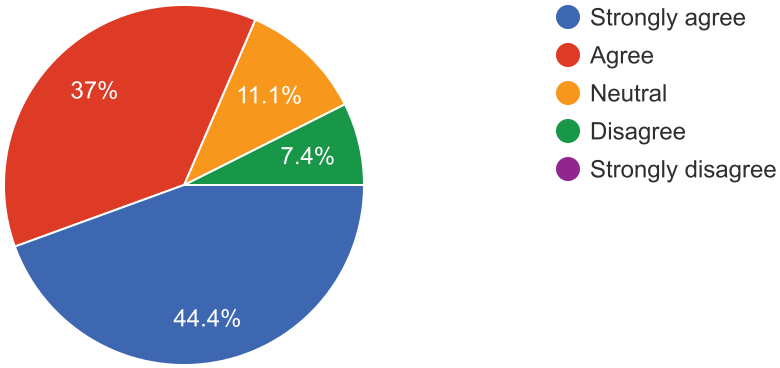
27 responses



I have access to the technology professional development that I need to succeed.

Copy

27 responses




If you need additional professional development, please describe.

3 responses

Course offerings that benefit the admin assistant, or refresher material to continue, this month WU has some good choices. Latest technology for translation too.

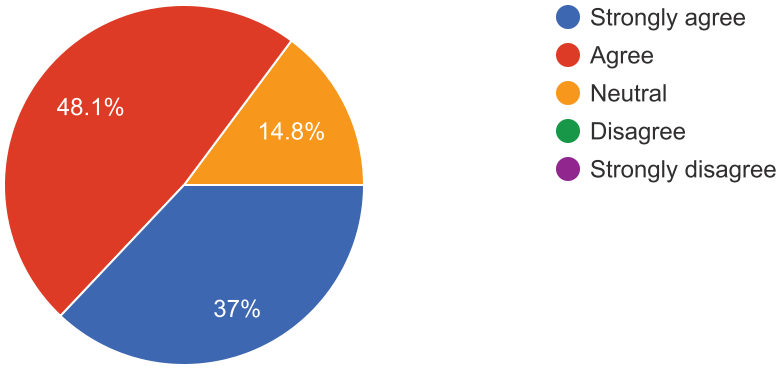
CARES staff needs training on turning pdf's into google sheets from Community Pass

Maybe some Aspen training

I am confident in my ability to identify cybersecurity threats (emails/website links/attachments).

Copy

27 responses




Is there a piece of new technology - hardware/software/initiative you would like to see the district pursue? Please describe.

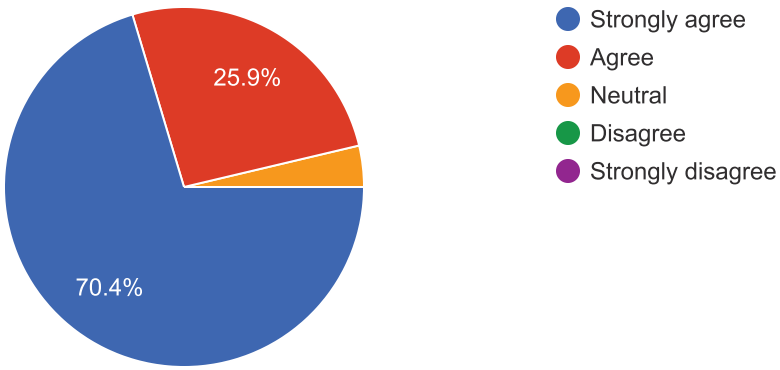
0 responses

No responses yet for this question.

## I am satisfied with the level of support I receive from the OIT Department.

Copy

27 responses




## Additional Comments

4 responses

You're the best! Thank you!

Our email gets a lot of spam and is not very user friendly

Nate Atwater is a FANTASTIC OIT RESOURCE!

Always timely and very professional help from OIT

This content is neither created nor endorsed by Google. Report Abuse - Terms of Service - Privacy Policy

Google Forms

# Parent/Guardian Technology Plan Survey 2024

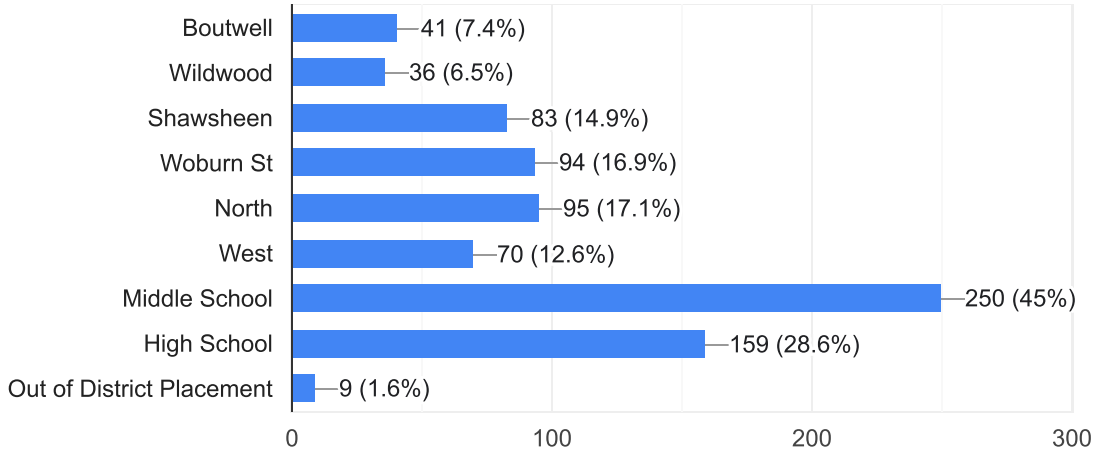
556 responses

Publish analytics

## What school(s) do your student(s) attend?

Copy

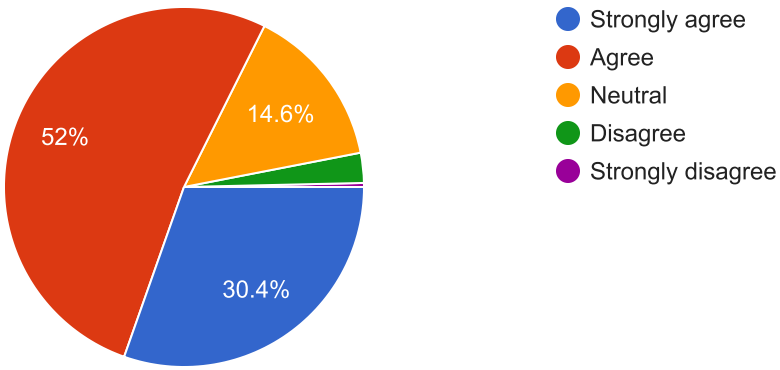
556 responses




## My student(s) have access to the technology hardware they need to succeed.

Copy

556 responses



## If you need additional hardware to succeed - please describe.

56 responses

Laptop

Seems children need access online to practice homework and assignments starting in 3rd grade. I don't think it's feasible for the school system to assume families have access to these types of things. We have laptops but they are for work and our kids are not allows to use these. They also do not have access online on thier tablets for safety reasons. Laptops were provided during Covid, can that be something that is offered as maybe a rental through the school? The cost of a lap top bought new per child is way too much for most to absorb.

N/A

I'm not sure what you mean by "technology hardware".

I have 2 students but only one computer at home.

iPads

Google classroom/Chromebook will not connect to our home printer, issue for homework and projects.. many steps to figure out logging into home device to be able to print.

The schools may need to increase the number of back up laptops for kids.

I just think that the system in place as far as assignments your kids get through google classroom vs what you see as the parents on aspen should match up better. It also isn't fare for families of low income to have to keep up with their children's progress via electronic devices.

Access to a digital drawing tablet and other tech like a 3D printer and instruction would help.

I am unsure what technology they "need" to succeed. Meaning the only student we have (middle school) who uses a chromebook has one. The others dont require technology for homework.

The equipment is ok from a performance perspective, but faster systems are always needed.

Chromebook with learning tools they are using

I think the district should provide laptops for all students if it is the expectation is that they need them everyday.

Ability to print at home

ChromeOS is not preparing students for real world. What a waste of time learning on a useless OS that will never be used in the real business world

I"m not familiar with what hardware they are currently using in the classrooms

In school they need no computers, but books, pencils and paper.

Smart boards would help

I don’t know what my son may feel is adequate

they have what the need at home but no idea if they have what they need at school... defer to teachers in that.

Chromebooks are inadequate--the are notoriously unreliable devices.

Desktop-he has a tablet but not desktop.

The laptops at the north don’t always work

I don't even know what my son has access to at school.

Printers and strong WiFi are often an issue

Currently using a loaner at WMS

My child uses a school Chromebook, but occasionally needs a printer, which we don't have (but can access at the library).

Mac and PC's, hardware for A+ certification

none

Chrome book screens are to small when using Google classroom.

Laptops. Chromebooks make the work more difficult.

Grades K-5 need access to more computers during the academic day.

If Chromebooks or similar devices are going to be used, I wish the transition would be more complete. Why are the kids’ backpack still so heavy? Do the Chromebooks fill the needs that students and teachers have?

More STEAM-based software for students interested in exploring those areas more fully

If budget permits, it would be helpful if schools could provide students with headphones that stay on school property/classroom at all times.

Bigger Screen

No

We have a laptop for the girls to use but it's old - would love to loan a chrome book if available

We don't have a computer at home

I am not sure what hardware they would need but they currently only have access to ipads

Kids should be encouraged to do more work on their laptops. They need to be exposed to all the tools on their laptop as soon as possible (MicroSoft Word, Excel, PowerPoint, etc). Typing fast and learning how to best use those tools will help them now and in the future!

If a child doesn't have their own laptop one should be provided.

Laptop

Yes- My daughter recently broke her computer and it is being worked on, but in the meantime she told me she cannot take a loaner home-this is impacting her homework/studies.

Laptops are fine. Desktops are better

It would be great to know what laptop makes/models are being used in schools if families would like to purchase familiar hardware for the home. It would also be amazing if we could add onto existing district pricing, etc.

None

My daughter was supposed to have a reader pen for her iep. She was given a used one that did not work. The AT consultant needed to ask for a new one to be ordered

It would be great to see the district adopt computer science into the curriculum working with computer science as early as kindergarten (Bee Bots) and later using programs on Code.org and/or Scratch.

Assisted technology device for dyslexia.

The 5th graders are using computers more for projects and chromebooks aren't offered to them.

As a parent, it is unclear what the recommended use of technology is and its availability to students. I've heard from teachers there are limitations in the number of working/up-to-date chromebooks in grades 1-3

Currently not using any hardware for learning at home

Computers are a distraction

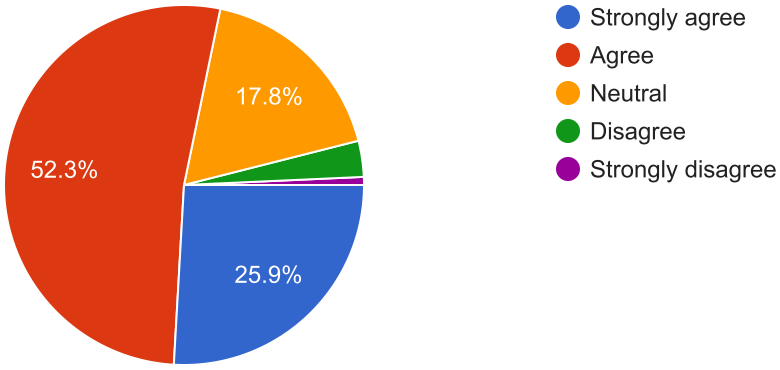
Chrome books outdated

Better performing laptops

My student(s) have access to the software/online subscriptions/apps they need to succeed.

Copy

556 responses



## If you need additional software/online subscriptions/apps please describe.

59 responses

N/A

Chrome OS isn't good. Hard to connect useful devices to it. Clunky OS overall.

All grades should have access to iReady or a similar QUALITY tool for both reading and math.

At this point, I'm not sure what kind of access my student would need.

I have one computer for 3 children my oldest gets his loaner from middle school. Think any grade should be able to get a loaner chrome book to have at home.

Access to a digital drawing program and Microsoft applications would help.

we dont use the apps the school advises us to use. we dont feel we know how or for what purpose we are supposed to use them for.

math software or apps

we have Reading Eggs, however, a at home math program would be helpful as well

I pay for the advanced math apps prodigy

Some sites do not work

How about MS office

math app

My daughter rarely does any homework or classwork at home. I know she has a google classroom but I never see her use it.

Was not sure if the school provides access as part of the learning and the parents need to follow-up

It would be great if they had access to any apps they use at school for learning.

Logins for sites like brainpop, abcya, access to audiobooks and e-books

Would like to have full access to other learning apps such as Prodigy but do not want to pay the monthly fee.

Ask my son

Not sure what they use in school. The only one we have access to is Reading Eggs

they have what the need at home but no idea if they have what they need at school... defer to teachers in that.

My student is on an IEP for.mobolity issues, and it is very difficult for them to utilize the math software.

Epic!

I am not sure what software/apps my son has access to at school.

Microsoft office

I am not even sure we have any online subscriptions or apps for school. I know in other districts there is ST Math, Stack the States, Lexia, etc.

Chat GPT AI prompting classes, typing tutorials, coding classes

To support dyslexic students, it would be helpful to have a wider access to audio books and other speech-to-text tools.

I believe if you require kids to have Chromebook, the school should be providing them without cost.

More explicit reading/phonics/math fluency instruction

none

School required apps should be covered by the schools. Parents shouldn't be required to pay monthly subscriptions for apps that can aide in our students learning

Google classroom needs improvement.

Elementary children would benefit from the Lexia Core5 Literacy program which is available for school and home and matches well with Fundations.

All children from a young age need access to a keyboarding program. My fourth grader is tapping keys with index fingers and could start to learn keyboarding as was offered during the Covid shutdown in kindergarten.

Canva or similar.

Primary source database access such as JSTOR for students. Especially for AP/Honors history classes

Adobe annotated for graphic organizers, kami

Online texts for all subjects

I honestly don't know what apps they use. I'm assuming there's probably better ones out there, though they may be more expensive.

Sign in service like Clever would make it easier to log in from home

No

Seems they only have access to it during school and not at night/on weekends.

Apps get costly

I am not sure what software/online subscriptions are needed

Depending on what is needed by district, they will need to be downloaded.

My 3rd grader loves reading on getepic.com however he cannot logon after 3pm unless I pay for a yearly subscription

Microsoft Suite is a toolset all kids should have access to. In addition, learning about economics and financials is key. A "stock market" game would be fun for kids to learn how investing is important.

iReady or something similar for all grades.

Access to JSTOR: digital library of academic journals, books, and primary sources

Some of the programs used at school (Splash Learn, Math Fact Lab, Reading Eggs, etc.) seem really great and my student wants to use them more at home. Most of the subscriptions are limited or unavailable after school hours.

I feel my high school student who is going into College would have benefitted from an additional OS platform beyond Google such as Windows, Linux, or OS which will be more widely used.

Tools like Reading Eggs that make learning fun and are relatively independent should be more broadly adopted & used at the young elementary level....and we need such tools for older levels and STEM.

Students should be given a password/ID booklet to keep at home for parents.

Currently not using any online learnings at home

Don't use any apps or subscription

They may - but we aren't informed of them from teachers or how we can support that learning at home.

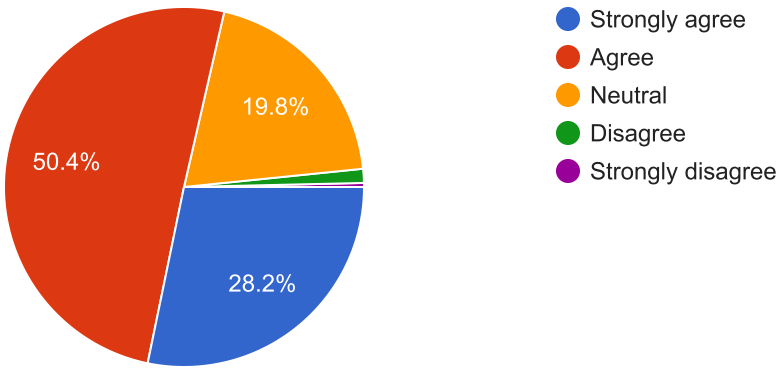
some apps are only available in school. One of our children continuously asks to use this app at home (get Epic) for reading. It is not available. It would be ideal to allow students access to this app outside of the school to reinforce topics learned at school ie. reading

Not sure what they have access to

My student(s) have reliable access to wireless networking/Internet at school.

Copy

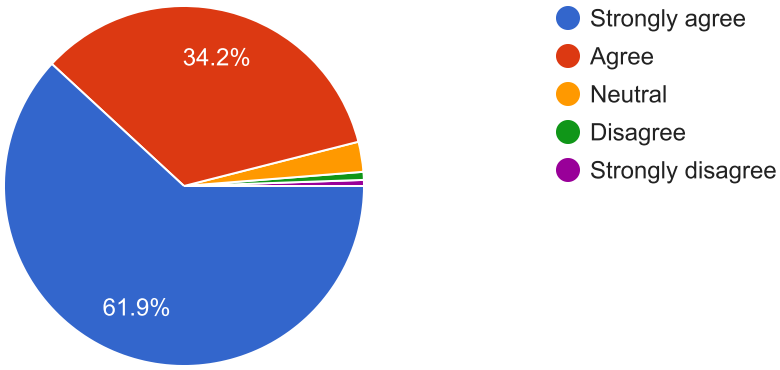
556 responses




My student(s) have reliable access to wireless networking/Internet at home.

Copy

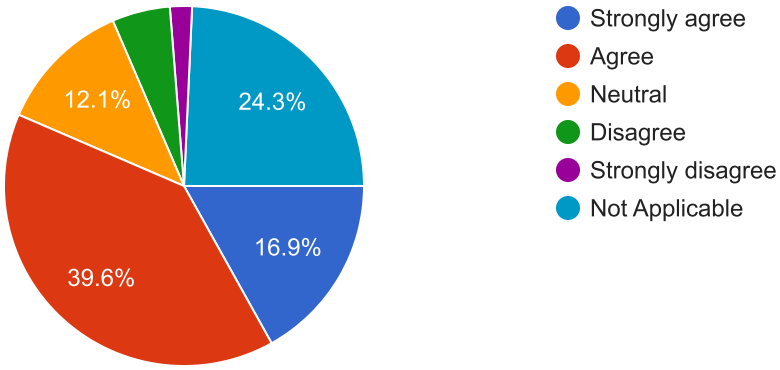
556 responses



Aspen and Google Classroom provide me and my middle and/or high school student(s) with the information I need to appropriately monitor their grades and assignments.

Copy

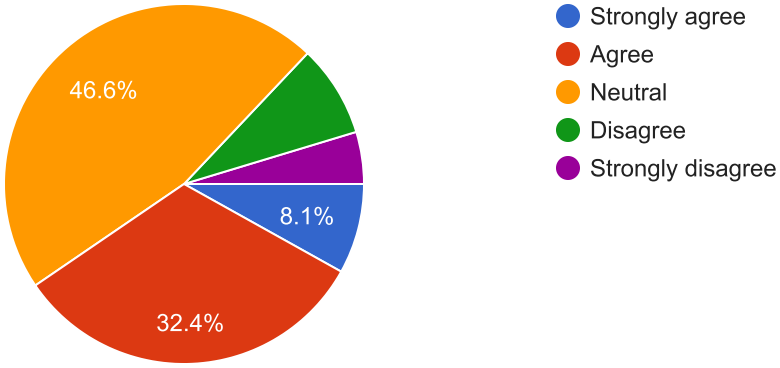
556 responses




The social media pages for my student(s) assigned school(s) are useful.

Copy

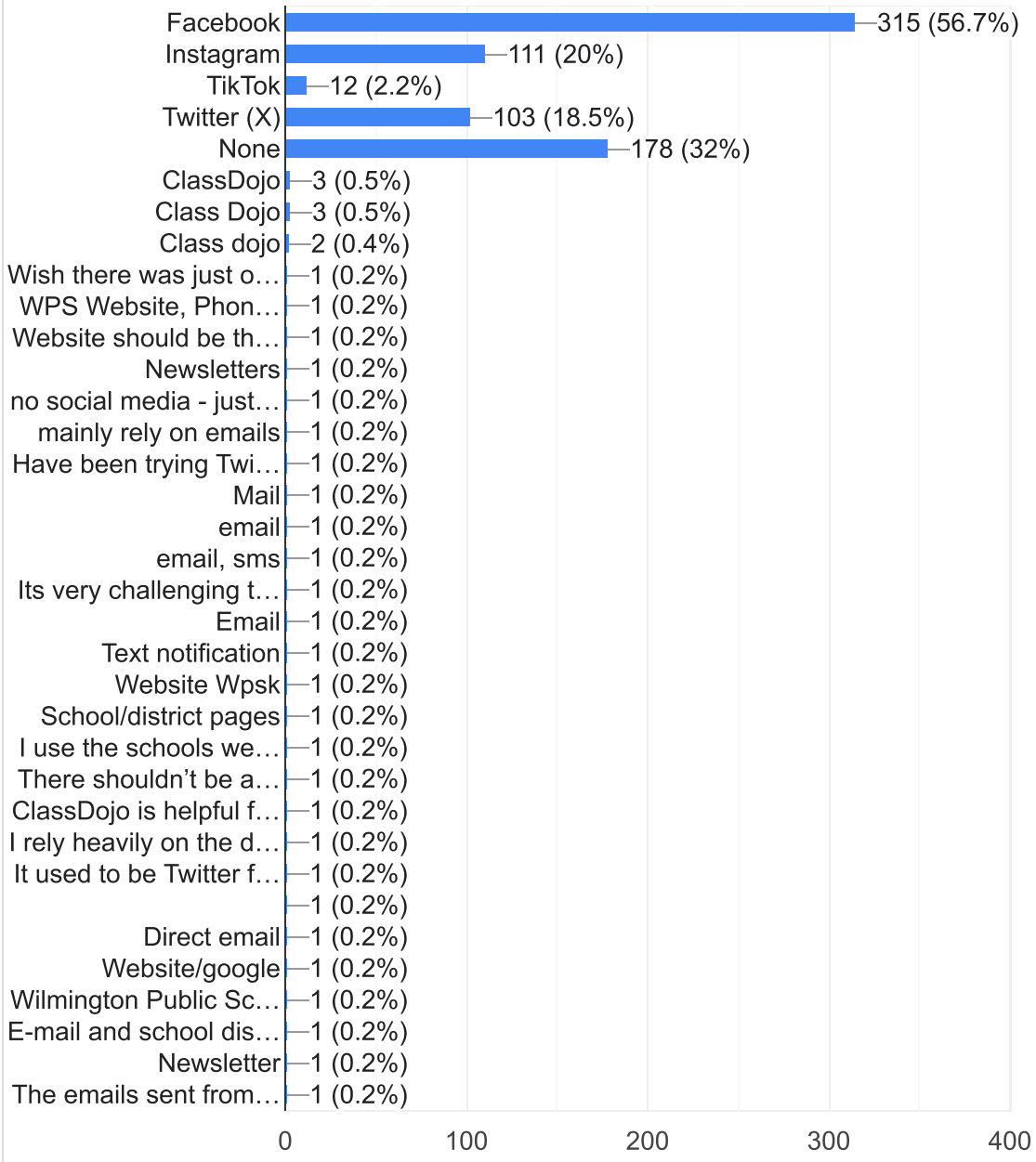
556 responses



## What social media media platforms do you follow for school/district information?

Copy

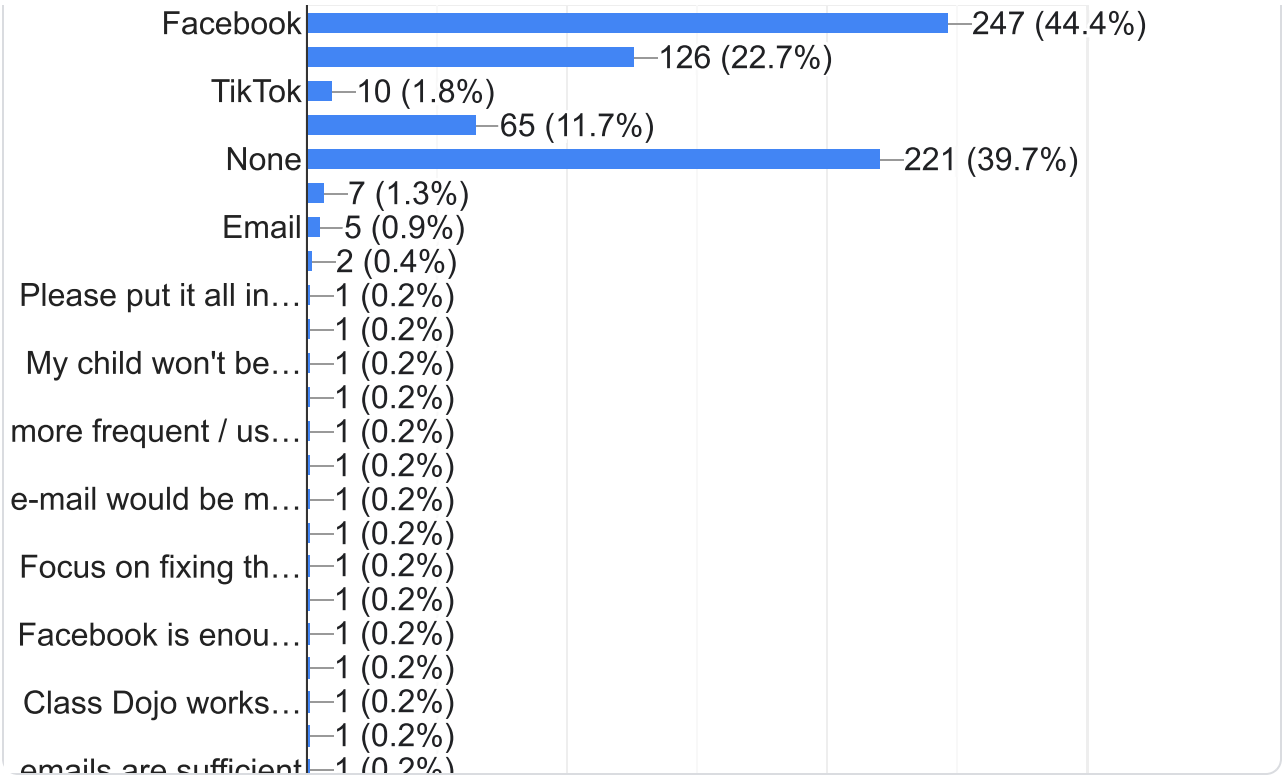
556 responses



What social media tools would you like to see the district/school(s) use to communicate?

Copy

556 responses


Facebook
247 (44.4%)
126 (22.7%)
TikTok
10 (1.8%)
65 (11.7%)
None
221 (39.7%)
7 (1.3%)
Email
5 (0.9%)
2 (0.4%)
Please put it all in…
1 (0.2%)
1 (0.2%)
My child won't be…
1 (0.2%)
1 (0.2%)
more frequent / us…
1 (0.2%)
1 (0.2%)
e-mail would be m…
1 (0.2%)
1 (0.2%)
Focus on fixing th…
1 (0.2%)
1 (0.2%)
Facebook is enou…
1 (0.2%)
1 (0.2%)
Class Dojo works…
1 (0.2%)
1 (0.2%)
emails are sufficient
1 (0.2%)

## Is there a piece of new technology - hardware/software/initiative you would like to see the district pursue? Please describe.

91 responses

No

Not sure

It would be nice if the district provided Chromebooks at schools instead of students needing to bring them back and forth.

I feel like we should have the kids using iPads they are more functional and current. Better for art classes and integrating graphics. Chromebooks are cheap and antiquated

Google classroom is great however it can be challenging to monitor email, Aspen, CR feeds and assignments to see what's due or missed. Making this information available streamlined would be better.

Laptop for home use

Anything besides chrome books / Chrome OS

IReady for all grades

Tablets for larger access to online reading

I think a plan for hardware needs to be adaptable and accessible. Would like software to be STEM focused and help build upon those related skills.

Artificial intelligence

N/A

Further digitization of required paperwork (e.g. Kindergarten enrollment forms)

AI

Google office tools are cumbersome and will have limited usefulness outside of classroom. Would be good to see students become familiar with more commonplace solutions, like MS Office applications, that will have more applicability in the real world. Office365 is accessible via Chromebook in a similar fashion to Google Office apps.

Make the laptops free.

Students should be learning on software that is used most frequently in the "real world" especially for those in high school and potentially even middle school. Several years ago many businesses switched to/adopted a Google platform (the companies I have worked for along with many of my clients). In the past couple years many of those have switched back to a Microsoft environment so I question whether having students learning primarily on Google Chrome books is the best approach when looking at crurent trends in businesses.

Although emails are better than nothing, and class dojo is an okay communication tool, I would like to see an all-in-one platform where I can go in and see weekly news/ activities etc happening or coming at the school, as well as find resources for learning tools (math center, reading, science/ programming, music etc) that can be used from home (instead of having a sheet with list of all the different sites to access).

Room scale AR and spacial computing.

Chrome books for low income households 3rd grade and up.

3D printing and CAD design

I would like to see straight emails or texts with direct communication VS having to find the information needed elsewhere in an app or a system.

any diagnostic platform that is used with accessible parent reports

Computers with Larger screens

I often wonder if Chromebooks are the way to go. They limit what students can access it seems. For students who transition to the Tech the Chromebook is irrelevant. What does the high school use? We should ensure that whatever we ask parents to do at the middle school should be compatible with the next level.

I want to actually see the kids use less technology and a no phone at all during classes policy.

Power point, excel, word business platforms most often used

Windows 11, iOS , MacOS Sonoma

Allowing students to email their parents from their school accounts.

I'm currently not knowledgeable about what technology is used in the school so cannot answer.

In school they need no computers, but books, pencils and paper.

Limit use to social media and send limited communication on a routine basis

No, save the money

Coding and video game creation software or online tools would be motivating (ie RPGPlayground, Roblox for education, etc)

My daughter has her own laptop in 3rd grade so it's helpful to do the readworks assignments for her class. If other students do not have access to a Chromebook I see that being challenging/unfair.

Student assignments are all over the place. Should be ONE place where every assignment is, sortable by date, class, teacher, etc.

The entire tech industry seems to be moving towards using Generative AI tools. I use them in my work daily. They're very powerful when you use them right but they also have a lot of well documented flaws. Teaching how to use these tools well while also making sure to use them safely and accurately is probably going to be a very useful skill.

Defer to teachers

If you do not already have access to it, GAT teacher assist is amazing.

n/a

My wish would be that students have more textbooks. ( I am aware that this is a technology survey but this is my honest answer.)

Home pages could be easier to navigate and updated more frequently.

Better laptops. These Dell Chromebooks are horrible!

It likely unrealistic, but moving from a chromebook/Google district to an Apple/Google district would be a a game changer. I teach in an apple/google district, and the experience is SOOOOOOO much bettter.

iPads for all students

Whenever I've been in the classroom and the teachers are displaying content on the whiteboard from the projector, the quality is incredibly poor. I'm not sure if there is a way to sharpen the quality of the displays or explore alternatives to the projector. I understand there is cost involved so this is just a suggestion— maybe each classroom needs to be calibrated properly at different points in time for a fix.
While i know there are robotics clubs as kids get older, helping young (elementary age) kids get exposure to things like coding, 3-d printing and other things early on will set them up for success down the road.

Providing students with chromebooks

I really would love for us to be a device school district. Carts that hold iPads for the younger population. This would help with research utilizing internet, typing skills, slides and canva experience

No. My child will be going to ST.

I don't know what's available, in general. How do we know, aside from laptops.

I'm not even sure what devices/tech are in use, other than Chromebooks. Maybe send out a quarterly update with a few details per school or grade? What children are using, areas of interest, learning focuses, etc? Maybe even engage folks in the community from the tech industry to come do mini tech-talks?

VR, mixed reality, MakerBots/3D printers

as my kids grow into HS I would hope there is ability to use resources like lexus/nexus such that they can have access to online research materials they may need to support their school assignments

Improving or replacing Google classroom and Aspen. Make Aspen mobile friendly for those parents without a computer at home.

I hope you're preparing to pursue the world of AI and VR as that is surely destined to become a staple of communication just as today's Facebook/Twitter/etc. are now. I'm not saying to have that on the menu for next year, just that those in the technology departments should be well down the road of preparing for that to be a staple for parent-teacher, student-teacher, student-student, and teacher-teacher (and administrator) communication in the very near future.

Imagine instead of wasteful staff meetings, having all of the teachers just put on goggles and suddenly you're all transported into the same room? Or same for students? Or if someone's misbehaving, fifteen seconds later the student, parent, and teacher are all sitting at a table even though none of the three are physically in the same room? See the efficiency, the time saved compared to how things are done today?

Within two to four years, this will all be very attainable and widely used. So instead of doubling down on the latest Chromebooks (though I know you have to keep those operational), PLEASE be spending time on being the first to jump to the future.

In the 1990s I was in charge of taking $10,000 and updating the computer lab at one of the elementary schools in North Reading. While the other two schools dabbled in a handful of Macintoshes, got a ton of software and brand new Apple IIe's, got new dot matrix printers for EVERY SINGLE Apple IIe, and so on, we threw out every Apple IIe and went with all Macs (which was unheard of at the time), one laser printer, a scanner, a digital camera, and got the room ready for a MediaOne cable connection (which eventually became Comcast in case

anyone forgot). While we were laughed at, by parents, teachers, administrators, and the public at the beginning, since at the time everyone thought Apple was going out of business, it wound up taking over a decade for the other schools to catch up to the technology we had (at which point we had continued climbing that much further). Years later we didn't waste time running wires to every room and desk because we saw how wireless was the way of the future. You can guess the time and money saved there!

My only point is what is just a couple of years ahead is amazing - start reaching for it now - even just a little bit! Surely it's a fine balancing act between present and future but it can be very costly to lean too far toward dumping too much in maintenance and not enough in progress.

If you ever want to talk more, look for my son Kevin with the crazy colored hoodies. He's got my number.

Apple, Mac, laptops not chromebooks

More universal access to technology especially for students with ieps

I would like to see AI introduced as I believe it will utilized heavily in the near future.

More computer carts in K-5. Students have very limited exposure to computers in K-5. They then take the MCAS on computers in grades 3-5 but are not comfortable or confident with typing or navigating the computer.

Microsoft products

A platform that could have a single point of information for all of the field trips, sports forms, etc. It is odd to have to fill these out every time (and not just update electronically for changes). The same resource could also replace hand written notes for absences.

Chrome OS stinks. I get why it’s used but it’s tough to connect various components like printers, certain headphones etc

Move from Google office to Microsoft office apps. Those will prove significantly more useful to kids in their everyday life beyond WPS.

Not at this time

I think that Aspen needs to update/ revise their mobile platform. When logging on with a device the material is so small that it requires an enlargement to the screen that then needs to be moved around to read all content. Also, the way in which one navigates on Aspen is very confusing.

MacBooks pref.

I've been experimenting with AI tools at work almost daily these days. Learning how to properly leverage AI along with the limitations of AI would be an incredibly useful skill for students.

NONE

I shared all of my ideas above.

iReady for both Math and Reading for ALL applicable grades. Programming and graphics work for at least the West.

I'm curious about the strategy that WPS is building with respect to generative AI - it's use to enhance learning and policies around appropriate use.

JSTOR

I would like to see information about how AI is/is not impacting our schools, a roadmap for what that might look like in the future, and how families can stay involved/informed.

IXL

Blogs

Computer Science options (Bee Bots; code.org; scratch)

Aspen is very difficult to navigate as a parent. The app is not useful to check students progress. I would like to see the district navigate away from it and toward maybe powerschool

Remote learning on days when snow days are needed, so that education is continuing on these days, as opposed to adding school days to the end of the year.

I would love Wilmington to be a “device school” each child would be assigned a device throughout all grade levels.
Teachers could have them in the room in a cart assigned to each child. They are left at school…but this allows access to ST Math, Stack the States, Lexia, Sora, Readworks, Brain Pop…

I would like to see more standards based adoption of existing tools like Google Classroom. Everyone uses it differently so it is difficult to get a clear picture. Like we can partially trust but not fully trust to do lists.

We would like all WMS students to have access to a robotics program within their regular class time. All students (6 through 8) would also benefit from greater access to CAD and 3D printer instruction, instruction in electronics, and programming. In other words, support the STEM teachers with all the equipment and training they need to teach a wider selection of the most relevant STEM topics to all our students.

This now. What options will this technology plan have for the changes to technology over the next 5 years?

Generational and Political differences creates different parent preference for social media. Its seems like a consistent district system (e.g. everyone uses Parent sq or Class Dojo or other) and a means of share info on all of these platforms is needed to meet parents where they are.

None

Focus on online safety and critical thinking when it comes to viewing sources/information online. Utilizing technology as a way to communicate but not as a replacement for other life skills.

Perhaps a school network initiative that would allow students to FaceTime/conference with other schools.

More 1:1 chromebooks in elementary. Lexia (CORE5)

New chrome books, keep google classroom more up to date

A better performing laptop

## Additional Comments

81 responses

Thank you

Is there an option for LESS technology and online subscriptions? I'm not looking for my first grader to have more screen time please

I wish all schools/the superintendent posted all info (school, sports, clubs, athletics, etc) in one place/platform. Currently I have to follow Facebook for some info, X for others, Instagram for others. Also emails would be preferred because parents don't have time to always check social media.

My kids will be out of Wilmington schools hopefully very soon

Less tech and administrators, more hands-on learning geared for boys

Please find a way to make google cr, emails and class feeds more streamlined it is hard with multiple CR's to monitor all of that information for students.

Way too much communication. More should be done in school. Getting 5 emails a day on stuff I need to do to help my child. I'm not a teacher.

Should have more courses that use technology to create something (art, music, etc) even at the younger ages.

I am unable to access Google classroom as I do not have a Google account.

My liks are small so most of this doesn't apply yet, but please don't do a lot of daily computer/ipad work in lower elementary school.

Honestly, I think that a focus on technology is sometimes too high in schools. Students have a great capacity to learn tech on their own, but the old-fashioned basics are so crucial at younger ages!

Aspen needs to be updated more frequently

I would like it to be easier for my child to use their own chromebook for their own purposes. Even though we have been told you can log in with personal account, every time we have tried it will not let us. It's aggravating that they can't use their personal computer for things not related to school or to send an email to someone outside of wps

I would only ask that the teachers align with the apps they choose to keep in touch with the parents. So far I've used been asked to use ClassDojo, Remind and Twitter (X).

I'm not a big fan of Google Classroom as a parent. If you have more than one student using Google Classroom, it can be tough to check each Google Classroom for each class for each child.

Smaller more secure IT footprint would be preferred, easier to manage for all stakeholders.

Aspen/google classroom only helpful if updated by teacher/staff regularly. Also, school should supply Chromebooks to all students if they are a requirement, as most other school systems do.

I would like to see more uniformity with what software/apps teachers use. Just as an example, our son is in 1st grade and his teacher uses certain apps/software for her classroom but when we talk to parents in other 1st grade classrooms everyone is using different apps. Not a big deal if you only have one child but when you have multiple children in different grades at different schools and each teacher uses a slightly different platform or app it becomes more difficult to manage for a family and constantly having to change apps year over year depending on what teacher/classroom your child gets put in.

Also for a 5-year technology plan - 5 yrs is a long time for technology. The Plan should ultimately be very flexible to account for how to implement newer technologies as they're developed. And because of how frequently technology can change, there should be a plan to revist the 5-year plan regularly and not just let it sit out there and get stale after a couple years.

my kids are K and pre-K so i'm fine with deemphasizing tech at school so far! direct annoucements (text/email) for important things seem most effective because of the flakiness of social media algorithms, i have to actively seek out the pages i care about, the apps don't care to show me

Chromebook loaner program was critical over the years in providing student with loaners during gaps while personal laptop being repaired or replaced. Thank you for all your support..

Thanks!

It would be nice if each classroom utilized an app (Bloomz, ClassDojo, etc...) where parents can get updates from teachers and sign up for conferences but also where parents have a way to contact other parents of students in the same classroom. Having this be the same app for everyone will also help remove the necessity to download a different app each year.

I dont know if the wifi at school is enough? I dont feel educated in the available technology and how it helps us as a family. I do wonder about our childrens typing skills and what formal typing lessons are being taught from early on to support their online communcation abilities?

The most useful channels are parent-led facebook groups for each school/grade level. I dont like class dojo and think that can all be sent via email. Fewer apps/resources and one central location/email. With young children prefer less learning on screens and technology at this point.

Aspen is only useful if the grades for assignments are entered throughout the semester. Some teachers do this. Others wait until the grades are due which does not give the student/family enough time to work on a problem if there is one. Consistency throughout the district should be enforced.

The people in charge of social media don't always update the pages or provide current information. The websites are hard to navigate at times.

You need to have chargers available for students to buy, rent or use if they forget theirs. Their chromebooks often do not last the day and they need an option to be able to charge their devices so they don't have to use their phones.

Taking this survey made me realize that I do not know anything about the school's technology so maybe more awareness and communication would be appreciated. Also - my niece (3rd grade) who lives in Windham NH has a chromebook that she takes home every day. If there is a snow day, the teachers teach them remotely. I thought that was a cool idea and just wanted to share it. Thanks!

Kids in school do not need computers and social networks. All communications school-parent can bo done via email/sms/call.

If computers are used for benchmark testing as they were this year at Shawsheen, students need to be taught skills for testing on the computer prior to assessment for those scores to be a valid indicator of student growth and achievement in an academic area.

I do not know where I should be going to access information about the HS. Course registration, school activities, sports information and post event highlights.

It would be helpful for families to receive a credit or a discount towards Chromebook where there are multiple students in schools that require them. Also, I have found that there are times where my elementary level students have needed to use a Chromebook to work on an assignment at home, but we do not have an additional one to use. I would suggest issuing one Chromebook to each family that cannot necessarily afford to get one for use for these assignments.

N/A

Google classroom and Aspen are utilized differently with each teacher. It would be better to have one centralized place to see everything and organized in a way that’s easy to read. Like sectioned off for each subject and sub categorized for grades, upcoming assignments due, past due, upcoming quizzes/tests, etc. I signed up for the weekly Google classroom updates and they are terrible to read. Most of the info I don’t care about, so I have to sift through to try to find what’s relevant and also have to scan to find the subject I’m looking for.

I think aspen is a waste. I never use it because not all teachers use it and it has a bad interface and hard for the user. I would LIKE to use google classroom but I have no idea what to log into

for information on my students progress. Do all teachers even use GC?

I do not use any social media, so I am not a good resource for those questions.

It's hard to answer some of these questions as I'm not an expert in school tech. I depend on our school admin support to make these opportunities available to us. In terms of aspen and google...theyre great but the teachers need to input the grades more than just twice a term. When grades are updated w/current assignments that were issued 6 weeks ago it's not the best case scenario.

See above

Information is decimated over too many platforms. Events are missed bc we don’t know where to look for them. One central location where all activities and updates are posted for each school

Wish all middle school and high school teacher would utilize aspects of Google classroom more effectively like due dates, homework reminders, etc. This is a great tool for all students to stay organized.

Aspen should be more mobile friendly

I have no idea what kind of access students currently have to hardware, software, subscriptions, or connectivity at school. I'm also not even sure if those questions were related to home or school.

Thank you for making laptops accessible for families who can't afford them.

There needs to be specialized classes on the social engineering that keeps people addicted to social media and the dangers

I do not believe social media is appropriate for students under 13, and I do not allow my kid access to social media. Forcing them to follow the school on social media and ONLY communicating updates via social media is an unfair practice since it has been proven that social media is not safe for tweens.

ensuring there is adequate 'help desk' type support for technology needs is something I hope will continue to grow, as well as available courses at the middle and high school level to explore this content

Make sure all lessons, worksheets, notes are able to be printed, have a printable version, and will be accepted by teachers. For some children and/or their caregivers it is easier to see and work with paper.

Direct emails (and texts for emergency/urgent info) have been fine.

While ASPEN/GOOGLE Classroom are helpful in monitoring grades- it would be more helpful if teachers updated these on a more regular basis.

Missing HW or regular emails are not specific. Need to say what assignment they missed . And they are not current, get messages for assignments from 2 weeks prior

Aspen only works if teachers enter grades and missing assignments in a timely manner. This timeline varies from teacher to teacher. If grades are not entered until just before the grades close, that is not helpful. A more consistent protocol is needed and should be enforced.

Grades are not always posted in Aspen in a timely manner for some teachers which makes it difficult to monitor my child's progress or the need for additional help and/or missing assignments until it is too late at the end of the quarter.

https://sites.ed.gov/idea/files/DCL-on-Myths-and-Facts-Surrounding-Assistive-Technology-Devices-01-22-2024.pdf

Thank you

I would like the District to not rely solely on internet communications and social media updates to keep parents informed. Emails and paper reminders sent home are still very necessary. Thank you!

In general, I don’t know what the technology needs or gaps are that the school provides

It is extremely difficult once a child gets to middle school to see the assignments listed in Google classroom and then having to go to another platform, Aspen to find the grades which are often not described in the same way as the assignment in Google classroom. I am a teacher and have used both Google classroom and Aspen for many years and I still struggle to find the matching grades for assignments for my son in the Aspen portal. Why can’t the grades be posted on Google classroom?

It would be nice for the schools to use social media to communicate better but many people don’t use social media. I also wish there was a system that could encompass what Google Classroom does and what Aspen does. I often have to use both and still ask my kids to see their assignments to understand a particular grade. Lastly while this year seems better, I wish more teachers would use Google Classroom in the same way, especially for young middle schoolers who aren’t familiar with it. It would be nice for young middle schoolers to get more instruction on “turning assignments in” and what teachers expect.

Aspen is difficult to use - it's hard to find information and doesn't work well on a phone. Would be nice to see a more modern application.

Aspen and Google Classroom are only helpful in monitoring work and grades if the teachers use them regularly. If not, it's difficult to monitor your student unless you email the teachers

directly.

A few improvements for Aspen - 1) Keep it up to date with student scores, it often is not 2) It would be good if each teacher would log the assigned homework for that day in Aspen, so we parents can cross check this with our kids.

Thank you for the effort on this!

I don’t actually know if my children have access to sufficient internet at school.

More work needs to be done in school rather than at home. Parents aren’t teachers on the 4 main subjects. Emails can be a little overwhelming at times but I get it. I think the big 4 classes need to be longer so they can finish the work while still at school.

Google Classroom and Aspen are only as good as what's posted to it. Most teachers are really good about keeping both updated. Some are *not*

Aspen would be a lot more useful if the teachers kept up with putting real time assignments and grades in. More often than not, they place a “0” as a placeholder when, in fact, things have been turned in. We have brought this up for years- middle and high schools. I think the teachers need to be held accountable to keep these records accurate if the expectation is for this platform to be what parents use.

Google classroom is quite overwhelming, especially in Middle School. Anytime we ask the teachers to show something, the response is "find it in the classroom," but there's so much information there it makes it a bit overwhelming. It almost needs a class in itself just to navigate it.

Wilmington public schools should also provide staff meaning, principal, nurse, counselor, and teachers a better knowledge of how to handle things. Specifically the principal ! I’m taking about general. When you deal with a problem (not talking about technology) Wilmington school does not provide a good example to fix the problem.

Would love for recent graduates to fill out this survey. My son has commented that he felt ill prepared for Microsoft products which are used at college. Several of his friends have commented that none if their colleges use Google anymore.

We need more paper books, less chrome book and online, where parental transparency is limited.

Kids do not need internet in schools to study. They need books, paper to write and pens.

Navigating google classroom for my 6th grader (with ADD & on a 504) has been a nightmare this year. It works when the assignments are in there with due dates but there are other assignments given that are not in google classroom that I don't know about. One central place for everything with due dates would be so helpful.

To help with more accurate responses, it would be good to share a one-pager with parents letting us know what hardware, apps, and initiatives are currently being used. I know some, but definitely not all as it hasn't been communicated by my student or the teacher. It's easier to share feedback and input on future state if we have a clear understanding of current state. A few of my "neutral" responses are because I don't have enough info to agree or disagree.

As the elementary level I would like to see a little more technology being used and teaching internet safety to students as many use it as home and students are learning from other students.

The district should not require families to purchase required technology. Public schools should be providing students with chromebooks. Also, we purchase the chromebooks, but are required to put the district software on them. This eliminates our ability to put the parental software we want on them.

I really don't like social media a preferred platform of communication. It's too disjointed and mixed with all other information.

In terms of technology, 5 years is a long time. What considerations is the district technology plan taking into account to adapt to the changes that will no doubt occur by then? How flexible will the plan be?
Will the technology plan include an AI use plan for students? For teachers?
When will the results of this study be available to families? Teachers?
Thank you for considering my survey feedback.

Smore has been a great addition. I would like to see it used universally by teachers. Also, some principals/leaders use it more effectively than others so while maybe not worth the PD time...maybe an email highlighting the good ones (or even just sharing what different people do) might be a low lift way to promote effective use of this tool.

Computers are a distraction to children and unregulatable.

I do not think the school district should be using any social media to communicate with parents.

This content is neither created nor endorsed by Google. Report Abuse - Terms of Service - Privacy Policy

Google Forms

# Student Technology Plan Survey 2024

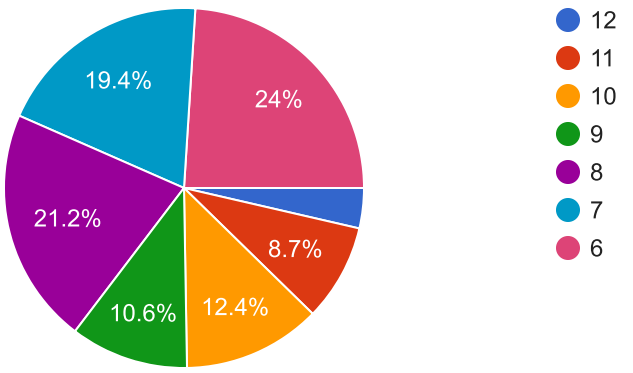
942 responses

Publish analytics

## What grade are you currently in?

Copy

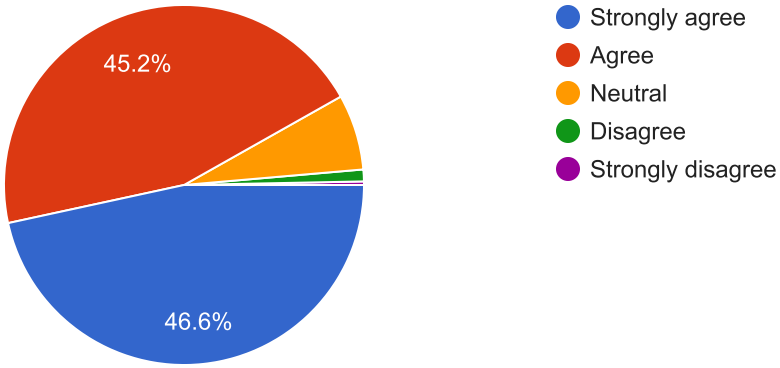
942 responses




## I have access to the technology hardware I need to succeed.

Copy

942 responses



## If you need additional hardware to succeed - please describe.

354 responses

no

No

none

N/A

None

no

nope

i dont

nothing

I do not

.

i dont

I don't

None

No.

I dont

i do not

none

n/a

I do not need additional hardware.

i dont know

Nothing

I dont

I don't need any additional hardware to succeed.

I do not need additional hardware to succeed.

I dont.

I do not.

Nope

-

None.

naw

I have a IEP - I have a assistive technology on my IEP.

Macbook

I don't.

No, I don't.

I dont feel like there is any additional hardware i need to suceed

i have none additional hardwear to succeed .

I'm good

I have to use long term loaners unless I buy my own computer since I transferred to Wilmington from an other city and I never got a Wilmington computer that I can keep/use. I don't know if that's something Wilmington does but my other schools gave out computers to every student. Also if I buy my own computer I'd rather not have it be a part of the Wilmington system since it would be my own computer not a computer of the school district.

4k ultra flat screen tv 80' mounted in my bed room

i dont need any more.

I don't.

I needed more instruction on how to use it.

As long as you have a computer to work on, you can succeed

just need a new computer

I don't

More laptop chargers

naw

i pads

I think I´m good

Higher quality computers; ones that have higher battery life for the full school day and are physically durable.

Having a mouse would be great, as it is more convenient and efficient to use something other than a trackpad.

a faster chromebook

:/

I am OK

I do not need additional hardware to succeed.

i do not need additional hardware to succeed.

dont give up on life :)

I am ok.

I do not.

i don't need anything

I do not need hardware

i dont need any

I don't need any

I dont need anything.

Me personally or my family personally does not need any assistance for this topic

I don´t need additional hardware.

No thank you, I'm Ok.

I need everything

i dont need anything

Ya

A better laptop

I don't need additional

I dont really know.

nothing

i dont need additional hardware.

Don't need any

I don't need anything

nothin

nah

none.

My parents don't let me use my chrome book very often.

i do not alright

I do not know what that is

I dont think I need additional hardware to succeed.

I think we should have more school chargers available.

No i don't

I don't need additional hardware

Im trying to get a pc for all my school stuff and at home stuff

I don't need any.

NO

mice

p0hone

chargers

I dont know what that means but im doing fine

I do not need any additional

None.

I dont need anything

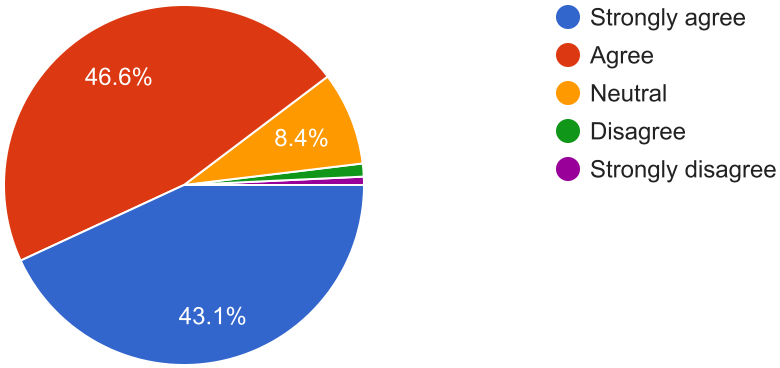
dont need to

75 more responses are hidden

I have access to the software/online subscriptions/apps I need to succeed.

Copy

942 responses



## If you need additional software/online subscriptions/apps please describe.

346 responses

no

none

No

None

N/A

i dont

nope

.

I do not

I dont

Nope

nothing

I don't

i dont

None.

Nope.

I dont need any

n/a

I do not need additional software

idk

Nothing

i dont need anything

no thank you

nah

NO

No.

I don't need anything

grammarly

None

I do not.

no thank you

i do not

Quizlet

quizlet plus to study would be super helpful for everyone

naw

I have a IEP - I have a assistive technology on my IEP.

Chegg, Brainly, Heimler's ap study course.

I don't.

grammerly plus

Grammarly Premium

grammarly plus would be helpful for my success.

Quizlet because we have to pay for it.

there are some software that is pay-to-use which could be helpful to find information on topics

none additional softwear .

I'm good

free spodify premium along with free cable tv

I dont need any more.

I don't.

I needed more instruction on how to use it.

-

Subscriptions that can be used for media, research, and resouces.

I don't

I would love if the district would unblock platforms like pinterest, as it is great inspiration for projects and assignments.

I feel like Pinterest would be helpful because the pictures are different than something you could find in a google search and it helps when making presentations.

many news companies have blockers from accessing articles needed in class

Quizlet live should be paid for for every student.

naw

I cant think of specific ones but I know in the past I've needed something and we didn't have it. I'm sorry this answer isn't much help

a lot is blocked

Unable to access password for online textbook on devices other than my Chromebook

quizlet plus

I think I´m good

I have discovered that Quizlet is an excellent tool for studying. I was very dismayed when the school’s subscription was canceled because it was extremely beneficial to my studying skills.

Quizlet

:/

Nope, all good!

Most of the online materials we use are horribly unengaging - IXL and I-ready are both annoying, not just because of the testing, but because the work is horrid. Also, most of the actual curriculum is boring, but not because it's hard - because it's not challenging people.

I do not need

ask permission

I am ok.

I do not.

no i don't need anything in additional software

I do not need

i dont know

i dont need any

I don't need them

Me personally or my family personally does not need any assistance for this topic

I don´t need help in software

No thank you, I'm ok.

nothing

I dont

I dont think so.

I need music subscription.

Don't need any

Nothanks.

no I do not need additional apps.

none.

yes like tiktok instagram

i do not know what that is either

i think we should have pinterest available because I would use it for art class and school projects.

No thanks

I do not need any additional software/online subscriptions.

I do not

no.

I don't think I need any.

grammarly

They keep blocking all the games.

I dont need

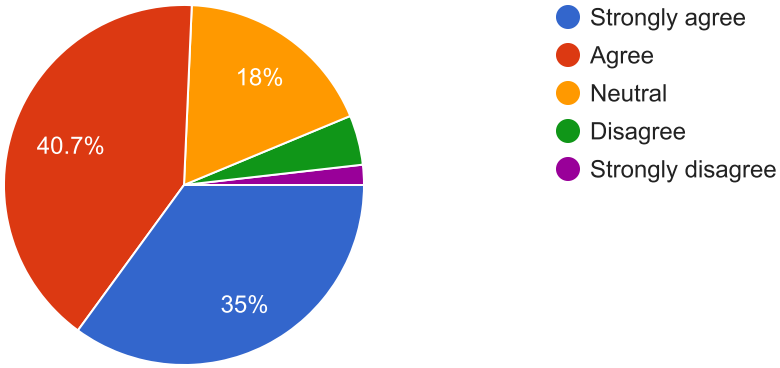
No I do not additional things.

59 more responses are hidden

## I have reliable access to wireless networking/Internet at school.

Copy

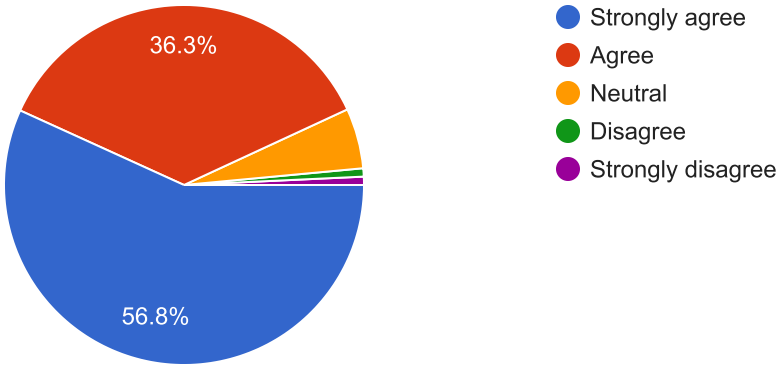
942 responses




## I have reliable access to wireless networking/Internet speed at home.

Copy

942 responses



Is there a piece of new technology - hardware/software/initiative you would like to see the district pursue?

495 responses

no

No

nope

none

No.

ipads

Nope

None

Ipads

N/A

no

nothing

No

Yes

i dont know

phones

-

none.

better wifi

Not really.

n/a

Not that I know of

iPads

idk

I dont

Phones

mac books

apple watch.

ipads for students

Better wifi for the school

Better Wi-FI and signal all around campus.

ipads

Colored Printing.

Nope :)

There is not.

naw

better school wifi

Hybrid education - I have a lot of Dr. appointments and i want to be able to go virtually if I am sick or in the car to and from the Doctors office

VR

3D printers/ a 3D printing class and club

There is nothing.

More focus on computer programming.

Not really

Change chromebooks with macbooks

Better equipment in the science labs, thats all I can think of.

I think that improved computers will help students complete tasks faster

Not that I can think of.

Better WiFi and WiFi in the cafeteria since that’s the time for us to be able to use our devices for fun and we often have WiFi issues throughout the school in other areas as well.

car mechanics

Better WiFi in the high school for phones

Better wifi, Oculus's to help with learning

I think higher end equipment for the science department could be good.

i pads

I think the WiFi in the school needs to be more consistent. In the classrooms, it's excellent. But in places like the cafeteria and auditorium, it's really bad. And since things like counseling seminars are held in those areas, where students may need internet access, having more consistent WiFi will be hugely beneficial.

iPads instead of Chromebooks

ok

Stop blocking all the websites

ipads !

naw

no I don´t think so

Game creation/design, made using unreal engine 5

I think the high school needs better internet connection and wifi.

transportion

Nah :/

i dont know

apple mac book

Nope, all good!

better resources

No I would not.

tablets

I want ipad and apple pencils to take notes.

School loaner Chromebook to be faster, and overall better.

m=no

No I don't think so

better internet connection and tablets

Me personally or my family personally does not need any assistance for this topic

none

iphones

No thank you, I'm good.

.

Not really!

Mac Books

mac books

Faster internet

Drawing laptops. The ones with pens that allow less paper to be used.

nope!

No, I feel like the technology in school is very accessible and easy to use.

Tablets instead computers PLEASE IT WOULD BE SO MUCH BETTER.

Maybe

Apple vision pro

nope

.

not really

I think everything is fine for the school.

better chromebooks

maybe vr?

can we get ps5

Apple vision Pro

no, there is not a new piece of technology I would like the district use.

97 more responses are hidden

## Additional Comments

367 responses

no

none

None

No

nope

N/A

Nothing

nothing

n/a

.

nah

none

No

none.

yes

no thank you

No.

None

Nope

-

Nothing.

Nah.

no

No comments.

Nope.

i dont have any

None!

NO

Thank you!

None.

the wifi and connection at this school is rather poor

:)

The School Wifi is usually slow especially when uploading photos

I don't have any.

my Chromebook battery dies really quickly now it used to last around 5 hours last year. I would leave school after using it all day and it would still have half the battery, now it doesn't even last the full day when I charge it overnight to full battery.

better wifi

i need 1 million dollars

Nope

no.

The wifi is very slow

I have everything I need

In some parts of the school the WIFI does not work at all. ex: lunch room and some classrooms and areas.

Please make the WiFi in the cafeteria stronger. It is fine throughout the rest of the school but I am not able to use any technology properly in the cafeteria.

naw

internet in the cafeteria is awful

The wifi is so bad it makes my Chromebook so beyond slow.

I don´t have any, thank you

Please make the wifi accessible without having to make an account/sign in every time

Beaver. :)

no u

none, Thank you

I am ok.

I don't have additional comments

Me, no I have no questions

my dad cares a lot about electronics.

i dont like this school

hmmmmmmmm... no

I have no comments.

Nothankyou!

I have nothing.

nothing

I need to get my Chromebook registered still, as I got a new one fairly recently and have not done so yet.

mo

we need spotify premuim

I do not have a additional comment.

none

no

I do not have any comments.

No thank you

Sometimes my chromebook doesn't have internet at school.

NNNOOOOOO

I don't have anything

no thank you.

Nope!

nope

STOP THE CHECK IN'S

.

I have no additional comments.

Have you seen the new apple vision pro? (just wondering lol)

no thank you.

A bunch of my classmates probably want more Chromebook chargers to be available at school.

I think that everything is agreeable exept for the school wifi. Mine works but not well

I don't have any

nope

nop

The school internet is slow and sometimes and takes a long time to load.

Hi

No, thanks.

no im good

Hey

Plz I need an Rtx 4090 Ryzen 9 7900x 3d.

hi

I don't have anything i'd like to add.

I dont have any

I have everything I need for school that is technology.

Want Better Food

I have the technology that I need to succeed.

Normally very good WiFi, but sometimes when I am on the third floor the WiFi will spike and not work. Otherwise, I do not usually have any problems.

noo

24 more responses are hidden

This content is neither created nor endorsed by Google. Report Abuse - Terms of Service - Privacy Policy

Google Forms