

TECHNOLOGY AUDIT



Pine Valley Central Schools

Technology Audit Report



RESPECTFULLY SUBMITTED:

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INTRODUCTION

The Pine Valley Central School District Technology Plan (2015), set forth the following for technology use by students and the school community:

The Technology Vision of the entire Pine Valley Central School community is to recognize its mission to provide students with technology integrated curriculum and instruction rich in academic content in order to compete, communicate, and operate in our information driven society. The components of our technology program will prepare our students to be creative, adaptive, lifelong learners and productive citizens in the global society. The following goals support our overall mission and vision by articulating our intentions on the "how" aspect of preparing our students to become global productive citizens. Each goal plays an important role for effective and efficient integration practices influencing student achievement. With the help of Technology Integration, we will increase quality and use of technology tools to improve student technology skills at each grade level as recommended by national and state standards. By utilizing the Data Team Support we will provide access to information needed to make decisions to heighten the effectiveness of technology integration as it relates to student achievement. By offering Professional Development we will provide our staff with ongoing professional development. This includes teachers, all staff, and administrators to elevate competency in technology management, instruction and integration. With the use of technology, we will promote communication with parents and community members with the goal of increasing involvement through the use of the District website and Parent Portal. By utilizing a variety of financial resources to maintain, support and enhance computer access to students, district personnel and members of the community. Finally, we will continue to advance a functional, secure networking infrastructure and instruct students in information literacy to ensure competency and safety in an online environment.

From December 2015 through March 2016, Frank Rizzo conducted a Technology Audit of the Pine Valley Central School District. The purpose of the Audit was to assess the impact of technology innovations on teaching and learning. Emphasis is placed on making recommendations beyond the current Instructional Technology Plan.

Thanks goes out to the Pine Valley Central School District for the privilege of conducting this audit, the administrative & technology teams for their assistance, the school community for its participation, and especially thanks to Scott Payne for his excellent feedback and support.

Respectfully submitted,

Frank G. Rizzo
Education & Technology Consultant

METHODOLOGY

The the audit consisted of the following areas:

- Interviews with the Superintendent of Schools
- Interviews with the Administrative Team
- Interviews with Technology Department
- Phone Interview with the previous Director of Technology
- Phone Interview with the Wide Area Network Support person - Erie I BOCES
- Review of Instructional Technology Plan
- Three parallel surveys customized for Teachers, Students and Parents

NUMBER OF SURVEYS COMPLETED	
Teachers	63
Students	209
Parents	46

EXECUTIVE SUMMARY

An Education & Technology Consultant (Frank Rizzo) conducted a comprehensive technology audit of the Pine Valley Central School District in the late Fall and early Winter of 2015-16. As a result of the interviews of Administrators, Technology staff and surveys of Teachers, Students and Parents, Rizzo learned the following:

Vision: While the Instructional Technology Plan sets forth a vision that's closely aligned with best practices, it is not well understood by the school community.

- Teachers were not aware of the implementation of the Technology plan.
- Many concerns were raised regarding the "How" with implementing goals of the current Instructional Technology Plan. Too many software titles available to Teachers appear to do the same thing.

Infrastructure: Overall the Technology Department is an exemplar in the area based on the systems currently in place.

- **Network** - Wiring and wiring closet upgrades through the ERATE project will keep Pine Valley future proof for the next five years
- **Servers** - Virtualization (vmware) of Servers provides an excellent process for redundancy
- **Wi-Fi** - Current wi-fi requires some updates and will be better once approved ERATE hardware is purchased and installed by Erie I BOCES
- **Backup** - Adequate backup system is in place
- **Disaster Recovery** - Procedures are in place with their BOCES Senior Technician in the event of an outage.
- **Monitoring:** The District utilizes InterMapper through Erie I BOCES to monitor network and report by email/text messages regarding any outages.
- **Technology Support:** The District utilizes Web Help Desk for faculty/staff to request support.
- **Deployment:** Systems in place to deploy Windows based computers and iPads (with mobile device management) are good.

Access: The vast majority of all groups enjoy an extremely high degree of access to computers at home, yet access to sufficient computers at school presents challenges at all levels. Access to iPads is definitely a strength.

- Teachers reported the need for updated computers, additional computer labs and more network printers.
- Teachers indicated they have enough iPads, access to productivity software and classroom data projectors.
- Parents were not aware of what technologies are available in their child's school.
- Students indicate that they have access to iPads but would like more computers. In many classrooms that have one computer it is designated for Teacher use only.
- Many Students indicate issues with iPad connectivity over the District wi-fi and suggest that be an area to be upgraded.

Technology in the Curriculum

- K-12 there are many pockets of excellence where Teachers use technology regularly to support the curriculum. Students report a high use of Technology on a daily basis in their classrooms.
- Teachers use technology to assist with student skills development (reading, math, writing).
- Students do work on collaborative projects and carry out expressive writing assignments.
- Teachers do become frustrated with the difficulties in getting Technology support due to less staff in the IT department.
- Teachers report that access to the tools and training needs are the largest obstacles for incorporating Technology into the curriculum.
- Parents who responded to the survey are not aware of the student use of technology in the curriculum.

Growth in professional practice

- When asked for the greatest needs in technology professional development, the most urgent areas were for training in how to integrate the technology into the curricula, how to use Google Docs and more on the iPads.
- Teachers are eager to participate in professional development activities during the school day (release time).

RECOMMENDATIONS

Based on the surveys, interviews, and a review of the Instructional Technology Plan, and in consideration of best practices, the following interrelated recommendations are made.

1. **Vision:** An Instructional Technology Plan is a requirement of any District and includes vision and goals in front of the Teachers and school community. School and District leaders should advocate for full implementation of the technology plan in the community.

Vision needs to be better communicated but it also needs to be vetted as to what Technology in the classrooms should look like. Discussions on all levels need to take place moving forward to decide on what devices to use, what productivity software should be installed on them and what does Pine Valley Schools purchase to integrate them properly into the curriculum.

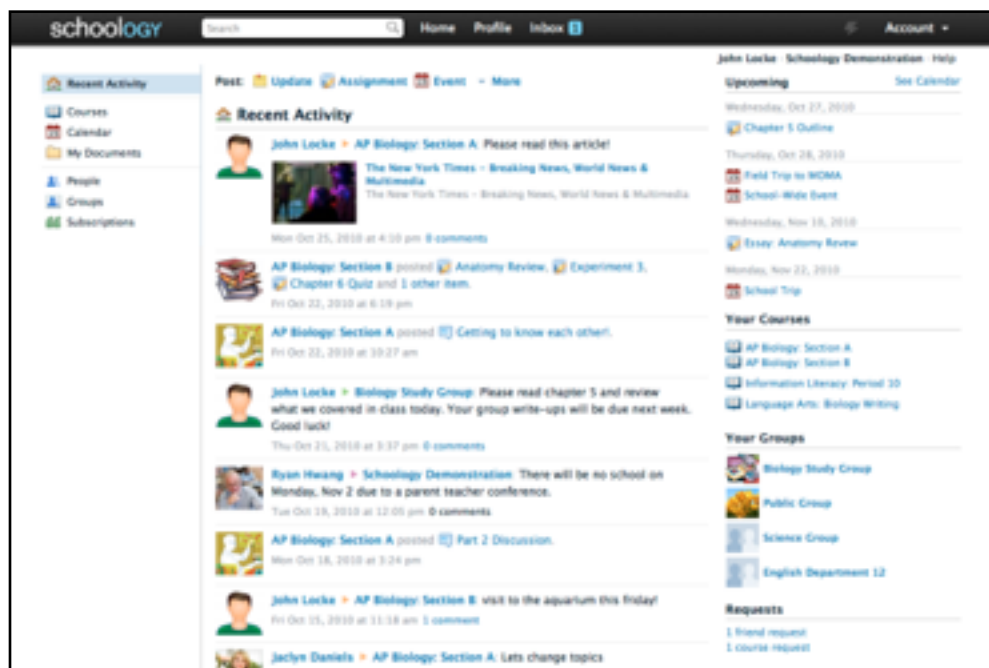
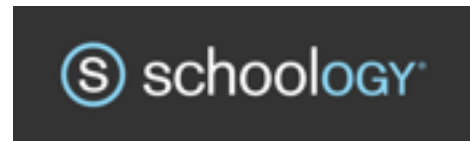
2. Infrastructure:

1. **Web Help Desk** - currently used for Faculty/Staff to request assistance from the IT Department - here are a few recommendations:

1. Move technology inventory from Destiny (library) database to the Web Help Desk. Tickets can be matched with assets in the inventory which gives a support history
2. Create FAQ database for common school apps - this way Faculty/Staff can search for answers themselves
3. Use Parts Management in the Web Help Desk to manage District printing supplies
4. Train Principals on how to view the Web Help Desk requests from their buildings

A screenshot of the Web Help Desk web application. The interface includes a top navigation bar with icons for Request, History, FAQs, Profile, and Logout. The main content area is titled "Help Request" and contains a form with fields for Problem Type (set to "Technology Support"), Priority (set to "Medium"), Subject (set to "Help with Laptop"), Problem Report (with a text area containing "My laptop seems to connect and disconnect a couple of times each day. Can you take a look?"), and Location (set to "Intermediate School"). At the bottom of the form are "Cancel" and "Save" buttons. Three callout boxes with arrows point to specific elements: one points to the "FAQs" icon with the text "click here to search the FAQ database", another points to the "History" icon with the text "click here to check your history of previous requests", and a third points to the "Request" icon with the text "click here to complete a new Web Help Desk request".

2. **Learning Management System (LMS)** - the District had previously been using MyBigCampus but that service was discontinued. Currently, Teachers are trying many different alternatives but a decision needs to be made to pick one and then discontinue all other LMS systems. Having one unified LMS helps students to learn one software well. It is also difficult to support multiple systems simultaneously with a limited IT Staff. My recommendation is Schoology. As an LMS it has a very easy interface similar to Facebook. It also integrates with Pine Valley's student management system PowerSchool. If a Teacher enters a grade in Schoology that grade can be transferred to their gradebook in PowerSchool. Schoology is a service provided by Erie I BOCES.



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3. **Student email & Collaboration Platform** - Students have access to two platforms at Pine Valley but the District needs to choose just one. Both Office 365 and Google Apps for Education are free to schools. They both offer similar tools available to students and Faculty/Staff (see below). Storage is provided in

FUNCTION	GOOGLE	MICROSOFT
Word-Processing	Docs	Word
Spreadsheets	Sheets	Excel
Presentations	Slides	PowerPoint
Email	Gmail	Outlook
Web Pages	Sites	SharePoint
Storage	Drive	OneDrive
Instant Messaging	Talk	Lync
Video Conferencing	Hangouts	Lync
Social Networking	Google+	Yammer
Note Taking	Keep	OneNote

the Cloud and is accessible via multiple devices and platforms.

My recommendation is Office 365 since it is a Microsoft Office world out there. If you are familiar with Microsoft Word on a computer the transition to Office 365 is a very easy one. In Pine Valley students access

their files when logging into computers via a Microsoft service called Active Directory. Erie I BOCES has a service that will link the student computer login with their Office 365 login.

Students do not need two logins but one to access both services. Another advantage is that students can work on a school document and save to their OneDrive folder (Cloud Storage). OneDrive is accessible on computers (Windows or Macintosh), mobile phones, iPads and android devices.

Students would have easy access to work on assignments at home or switch between starting a document on an iPad and then finishing it later on a laptop.





4. **Hardware Purchases** - In many of the surveys from Teachers and Students the question has come up, "Is the iPad the right tool for us?" In my opinion, the iPad is an excellent tool for education when it is used by Elementary school students. However, I do not believe it is the best tool for Middle and High School students. My recommendations are as follows:

1. Move iPads to Elementary classrooms. Investigate the new Classroom app from



Apple as a way to manage the iPads within the classroom. It is painful to watch a first grader login to a computer typing out a full username and eight character password. The Classroom App allows students to tap on a thumbnail picture of themselves and input a 4 digit pin number to access the iPad. If that student forgets their PIN it can be reset by the classroom Teacher (not required to be completed by the IT Department).

2. Purchase Microsoft Surface 3 Education Bundles for the Middle School Classrooms. The Surface is a full Windows 10 computer that does not have the same disadvantages as an iPad.

Advantages of the Surface over an iPad:

1. Surface has a USB port that you can connect other devices to it such as a flash drive
2. Full blown Windows Apps - not watered down and missing features like many iPad apps
3. Pen Stylus comes included in the Education Bundle
4. Detachable Type Cover keyboard is included. The keyboard is powered by the Surface. No charging or bluetooth connection is required
5. Cheap, expandable memory with built in USB expansion. The iPad has no memory expansion
6. Rechargeable via micro-USB - charging via a standard cable
7. Best of both worlds - Tablet and/or Laptop mode



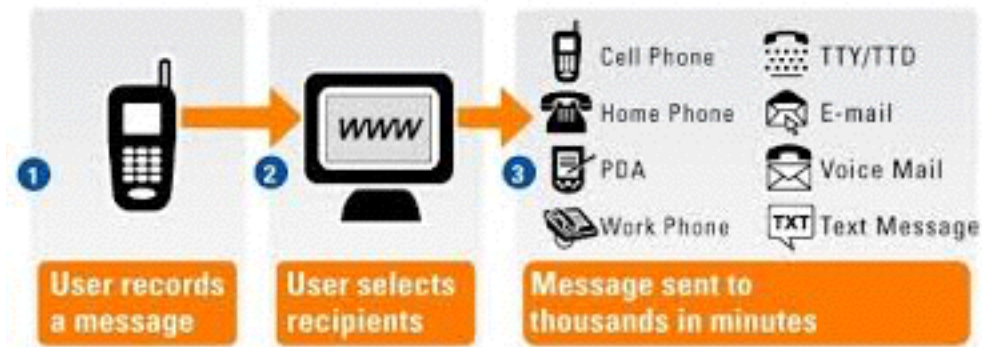
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3. **Purchase Microsoft Surface Pro 4 Education Bundles for High School Students** - The Surface Pros have a more powerful Intel processor when compared to the Microsoft Surface allowing it to work with top of the line professional productivity and creative software. Pine Valley Central Schools already have the following educational agreements for Software K-12:

1. Microsoft EES Agreement - includes Office 2016 (Word, Excel, Powerpoint, Publisher, One Note)
2. Adobe Creative Cloud - Photoshop (photo editing), Indesign (desktop publishing), Dreamweaver (web page design), Premiere (video editing), Illustrator (graphics), and so much more

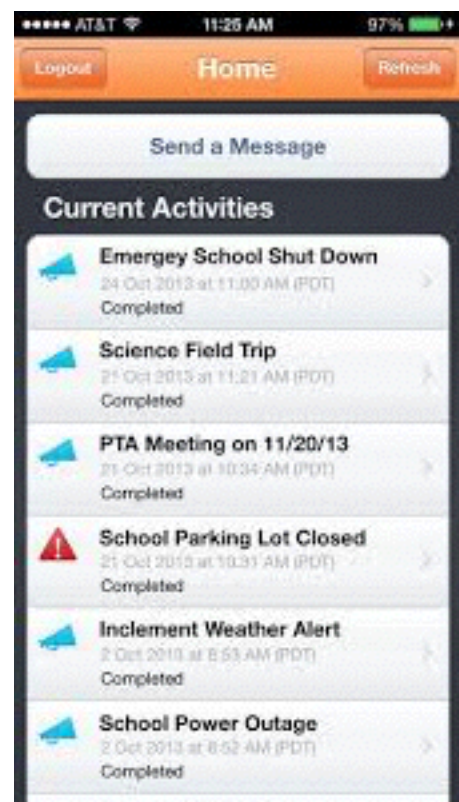
4. **Purchase Inexpensive Microsoft Wireless Display Adapters** - In most classrooms at Pine Valley the data projector wired connection is located in the back of the room. The Teacher connects their device there to project. In order to change content the Teacher has to stay at the back of the room. With the Wireless Display Adapter, any projector can now have wireless connectivity. Teachers have the freedom to walk around the classroom with their Surface projecting. Education price on the adapters is about \$40.



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5. **Emergency Notification System** - These types of systems allow the District to send out text messages, phone voice recordings and emails to the community regarding emergencies, school closures or information of interest.



Pine Valley had been using a service called Global Connect which is being discontinued by the vendor. The District needs to choose a replacement of this product very soon. My recommendation is to go with BlackBoard Connect. BB Connect interfaces with PowerSchool to load all families into the system. It also will link well with the Pine Valley District website since both products are from the same parent company - Blackboard. BB Connect also has a mobile app that will allow Administrators to send “robo calls” to households right from their cell phones. In an emergency this is the quickest way to get the message out. The service is available through Erie I BOCES.



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6. **District Mobile App** - With every year the number of individuals that have a smartphone increases. Based on the survey results, 76% of Parents, 63% of Students and 83% of Teachers polled at Pine Valley have either an iPhone or Android based Smartphone. My recommendation is to go with the Blackboard Mobile solution. Through the service you will be working to create both an iPhone and an Android app available as a free download on the Apple App Store and Google Play Store. Cost for Blackboard Mobile is about \$1,500 annually. The main header of the App will display feeds from Facebook, Twitter, RSS

Feeds (News on the Pine Valley website), Instagram and YouTube. It is a nice way to integrate all sources of social media from the District. The calendar, lunch menus and other information flow from the District website. In the App you can post athletic schedules, Board of Education information, Budget News, Links to mobile websites such as Castle Learning, Destiny Quest Library Apps, PowerSchool Parent/Student Portal, and even paying for school lunches on your mobile device. The iOS version works on both iPhones and iPads.



3. **Access & Purchasing Technology:**

Local budget funding appears to be adequate to support the Technology plan. The following recommendations in this area are:

1. **BOCES IPA:** Continue to examine purchasing of computer hardware via BOCES IPA. An IPA is short for Installment Purchase Agreement arranged by BOCES - Western New York Regional Information Center (wnyric). IPA's are loans with terms of 2-5 years and school districts receive BOCES aid on IPA payments. This purchase option allows Pine Valley to replace more equipment at a lower initial cost to the district. In subsequent years, the aid received on the IPA payments may offset some of the cost of the IPA's yearly payments.
2. **Smart Schools Bond Act:** In 2014, Governor Cuomo created the Smart Schools Bond Act to invest \$2 billion that would finance educational technology and infrastructure throughout New York State. Pine Valley's allocation is \$913,929. In order to receive funds the District will need to create a Community Based Committee to develop a Smart Schools Investment Plan (SSIP). Support for Smart Schools is being provided by Erie I BOCES Western New York Regional Information Center (wnyric). The District can use these funds for:



1. School Connectivity
2. Connectivity Projects for Communities (wi-fi)
3. Classroom Technology
4. Replace Transportable Classrooms
5. Pre-Kindergarten Classrooms
6. High-Tech Security Features

3. **Hardware Replacement Schedule:** It is recommended that a five year hardware replacement schedule be developed based on what technology is currently in place. The best analogy I have come up with is that Technology should be treated like produce and every piece of hardware should have a “best if used before date”. This allows you to know ahead of time how much to budget for hardware each year that has reached end of life.

4. **STAFFING:** Three considerations with regards to staffing:

1. Director of Technology position should be filled. As a Director of Technology myself it is critical for that person to help work to create a shared vision for the Pine Valley School District. Once that vision is set, it is important to sell that vision to administrators, faculty/staff, students and to the community. A high priority is to be able to articulate what will the Technology program look like in Pine Valley classrooms.

2. The previous Director of Technology provided hands on Technology support. Depending on who is hired in the new Director position, additional BOCES Technology support may be needed to fill in those gaps for hands-on support.

3. Technology Integrator: Create the position of Technology Integrator so that Teachers can get assistance with Integrating Technology into their classrooms. The Technology Integrator can be compared to a Flight Instructor. If you are learning to fly an airplane you have the following three steps:



Observe
Flight Instructor
flying

Flight Instructor
Observes you
flying - provides
feedback

Flying Solo

Throughout the process the Teacher is learning skills that they can then complete on their own in the classroom or “flying solo”. Staff Development is a process, not an event that can be carried out on one Superintendent’s Conference Day.

5. **Technology Proficiency:** A staff development plan will need to be created to assist Teachers with providing 21st century Learning for Students K-12. An excellent model for Technology Standards for Students has been created by the International Society for Technology in Education (ISTE). See Appendix.



It is also recommended that the District look into a service called Atomic Learning. This website offers online training and tutorials for faculty, staff and students on computer applications, instructional practice,

engagement & digital literacy, effective use of technology and college and career readiness.

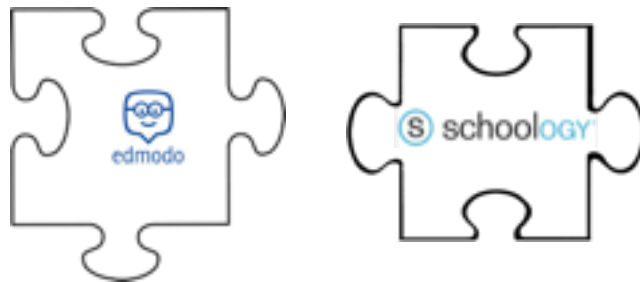
Atomic Learning has recently added an online assessment to gauge technology skill levels of teachers and then develop a



personalized learning path to help incorporate 21st century skills in the classroom. The skills are based on the ISTE Teacher Standards. See Appendix. The 21st Century skills assessment is set up for teachers to:

1. Take an online assessment to identify gaps
2. View concept series based on those gaps
3. Perform skills based projects to target gaps
4. Adapt/implement skills based projects in the curriculum
5. Provide Principal with completed PD workbook as proof of applied skills

-
6. **Technology Curriculum:** It is recommended that all education software and web services in the District K-12 be examined and audit how it fits within the system as a whole. The previous Technology Director was very accommodating to Teachers with regards to software requests. I am concerned over non-standardization and services being replicated. For example, a Teacher requests edmodo, a learning management system. Another Teacher prefers schoology and requests that as a learning management system. In the past, both of those systems were being supported by the IT Department. This duplication costs the District time (in support) and money. Individual puzzle pieces need to be avoided.



Wherever possible the systems in place should fit together and reduce duplication of services. Set up correctly grades in schoology can move to the Teacher PowerSchool gradebook seamlessly.



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7. **Growth in Professional Practice:** Through the surveys Teachers have demonstrated a desire for Technology training and they prefer classes during the school day (release time). As with many Districts in Western New York finding quality substitute Teachers can be difficult at times. It is recommended that the District work with the Pine Valley Teacher's Union on a Memorandum of Agreement (MOA) to offer Teachers the option of staying after school for paid staff development. If a substitute Teacher were to make about \$90 a day it makes better sense to pay the Teacher a curriculum rate to stay after school or come back for an evening training. If Teachers have child care issues, High School students could be given Community Service hours for in-school evening babysitting.

Benefits -

1. Teachers do not have to write sub plans
2. No loss of instructional time
3. Issue of having a low quality substitute pool is mitigated



CONCLUSION

Pine Valley is ready to make significant changes in the use of instructional technology to promote student learning. Its Students are eager, its Teachers are willing and the IT department understands what needs to be done. What's missing, in priority order are:

- Develop a shared vision for Technology Integration and plan for the implementation of that vision. Determine what hardware and software needs to be a part of the program and discontinue the rest. The IT department foundation is solid - however, it is supporting too many choices that weaken the overall implementation.
- Provide sufficient communication between school, home and community about what is happening in school with regards to technology use in the classroom.
- In the area of Staffing - create the position of Technology Integrator to assist Teachers moving forward with implementing Technology.
- Develop plan for consistent funding to support a reasonable replacement cycle for network and equipment via BOCES projects, Smart Schools funds and ERATE.
- Develop a differentiated professional development plan for Teachers in the area of technology integration practices. Focus on what makes sense based on Pine Valley's vision utilizing the hardware and software tools the District has decided on moving forward.



APPENDIX 1: ISTE Standards - Students (iste.org)

1. Creativity and innovation

Students demonstrate creative thinking, construct knowledge, and develop innovative products and processes using technology.

- a. Apply existing knowledge to generate new ideas, products, or processes
- b. Create original works as a means of personal or group expression
- c. Use models and simulations to explore complex systems and issues
- d. Identify trends and forecast possibilities

2. Communication and collaboration

Students use digital media and environments to communicate and work collaboratively, including at a distance, to support individual learning and contribute to the learning of others.

- a. Interact, collaborate, and publish with peers, experts, or others employing a variety of digital environments and media
- b. Communicate information and ideas effectively to multiple audiences using a variety of media and formats
- c. Develop cultural understanding and global awareness by engaging with learners of other cultures
- d. Contribute to project teams to produce original works or solve problems

3. Research and information fluency

Students apply digital tools to gather, evaluate, and use information.

- a. Plan strategies to guide inquiry
- b. Locate, organize, analyze, evaluate, synthesize, and ethically use information from a variety of sources and media
- c. Evaluate and select information sources and digital tools based on the appropriateness to specific tasks
- d. Process data and report results

4. Critical thinking, problem solving, and decision making

Students use critical thinking skills to plan and conduct research, manage projects, solve problems, and make informed decisions using appropriate digital tools and resources.

- a. Identify and define authentic problems and significant questions for investigation
- b. Plan and manage activities to develop a solution or complete a project
- c. Collect and analyze data to identify solutions and/or make informed decisions
- d. Use multiple processes and diverse perspectives to explore alternative solutions

5. Digital citizenship

Students understand human, cultural, and societal issues related to technology and practice legal and ethical behavior.

- a. Advocate and practice safe, legal, and responsible use of information and technology
- b. Exhibit a positive attitude toward using technology that supports collaboration, learning, and productivity
- c. Demonstrate personal responsibility for lifelong learning
- d. Exhibit leadership for digital citizenship

6. Technology operations and concepts

Students demonstrate a sound understanding of technology concepts, systems, and operations.

- a. Understand and use technology systems
- b. Select and use applications effectively and productively
- c. Troubleshoot systems and applications
- d. Transfer current knowledge to learning of new technologies

APPENDIX 2: ISTE Standards - Teachers (iste.org)

1. Facilitate and inspire student learning and creativity

Teachers use their knowledge of subject matter, teaching and learning, and technology to facilitate experiences that advance student learning, creativity, and innovation in both face-to-face and virtual environments.

- Promote, support, and model creative and innovative thinking and inventiveness
- Engage students in exploring real-world issues and solving authentic problems using digital tools and resources
- Promote student reflection using collaborative tools to reveal and clarify students' conceptual understanding and thinking, planning, and creative processes
- Model collaborative knowledge construction by engaging in learning with students, colleagues, and others in face-to-face and virtual environments

2. Design and develop digital age learning experiences and assessments

Teachers design, develop, and evaluate authentic learning experiences and assessments incorporating contemporary tools and resources to maximize content learning in context and to develop the knowledge, skills, and attitudes identified in the Standards*5.

- Design or adapt relevant learning experiences that incorporate digital tools and resources to promote student learning and creativity
- Develop technology-enriched learning environments that enable all students to pursue their individual curiosities and become active participants in setting their own educational goals, managing their own learning, and assessing their own progress
- Customize and personalize learning activities to address students' diverse learning styles, working strategies, and abilities using digital tools and resources
- Provide students with multiple and varied formative and summative assessments aligned with content and technology standards, and use resulting data to inform learning and teaching

3. Model digital age work and learning

Teachers exhibit knowledge, skills, and work processes representative of an innovative professional in a global and digital society.

- Demonstrate fluency in technology systems and the transfer of current knowledge to new technologies and situations
- Collaborate with students, peers, parents, and community members using digital tools and resources to support student success and innovation

- Communicate relevant information and ideas effectively to students, parents, and peers using a variety of digital age media and formats
- Model and facilitate effective use of current and emerging digital tools to locate, analyze, evaluate, and use information resources to support research and learning

4. Promote and model digital citizenship and responsibility

Teachers understand local and global societal issues and responsibilities in an evolving digital culture and exhibit legal and ethical behavior in their professional practices.

- Advocate, model, and teach safe, legal, and ethical use of digital information and technology, including respect for copyright, intellectual property, and the appropriate documentation of sources
- Address the diverse needs of all learners by using learner-centered strategies providing equitable access to appropriate digital tools and resources
- Promote and model digital etiquette and responsible social interactions related to the use of technology and information
- Develop and model cultural understanding and global awareness by engaging with colleagues and students of other cultures using digital age communication and collaboration tools

5. Engage in professional growth and leadership

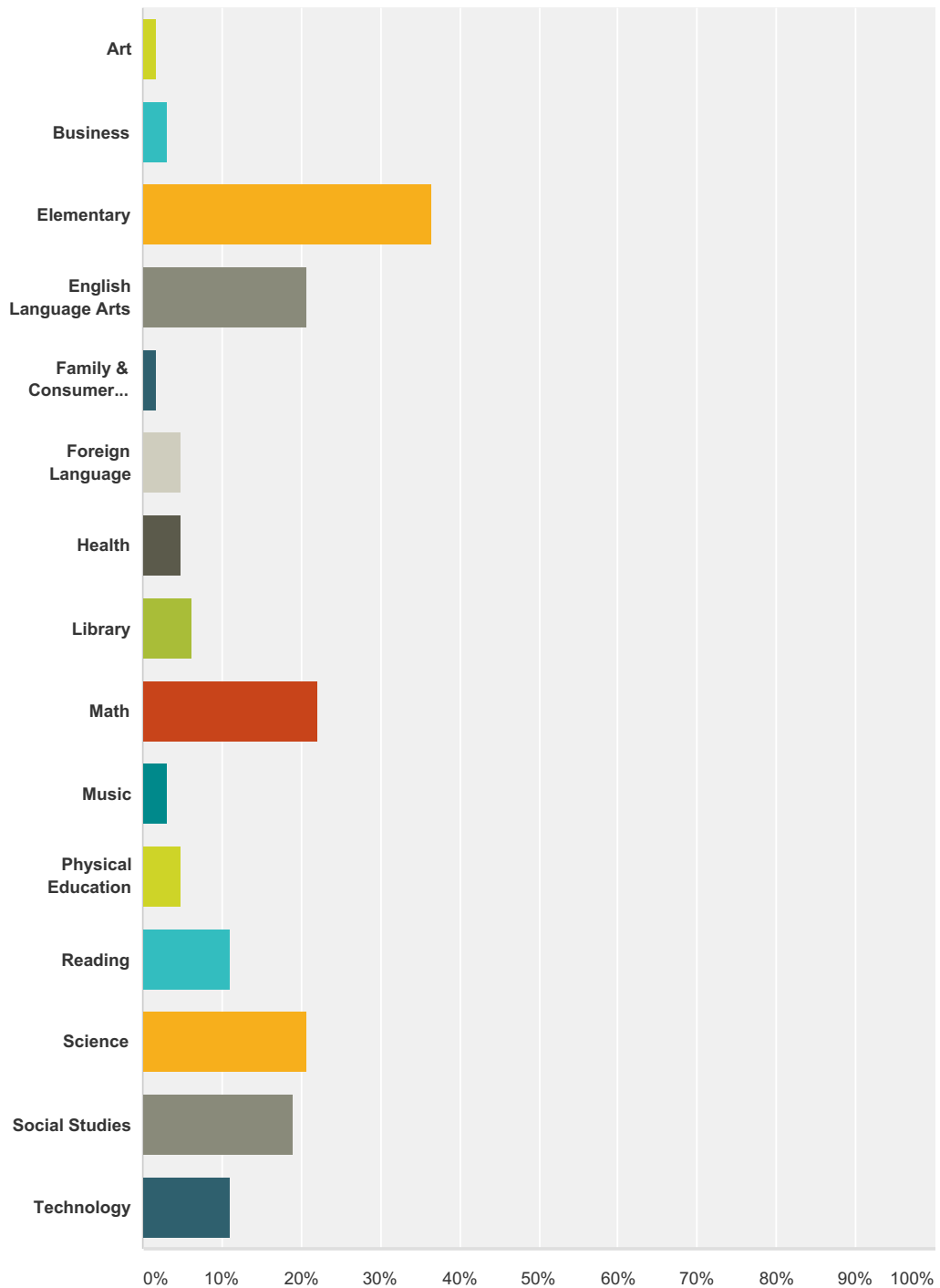
Teachers continuously improve their professional practice, model lifelong learning, and exhibit leadership in their school and professional community by promoting and demonstrating the effective use of digital tools and resources.

- Participate in local and global learning communities to explore creative applications of technology to improve student learning
- Exhibit leadership by demonstrating a vision of technology infusion, participating in shared decision making and community building, and developing the leadership and technology skills of others
- Evaluate and reflect on current research and professional practice on a regular basis to make effective use of existing and emerging digital tools and resources in support of student learning
- Contribute to the effectiveness, vitality, and self-renewal of the teaching profession and of their school and community

APPENDIX 3: Survey Results - Teachers

Q1 What grade level / subject area do you teach? (check all that apply)

Answered: 63 Skipped: 0



Answer Choices	Responses
Art	1.59% 1
Business	3.17% 2

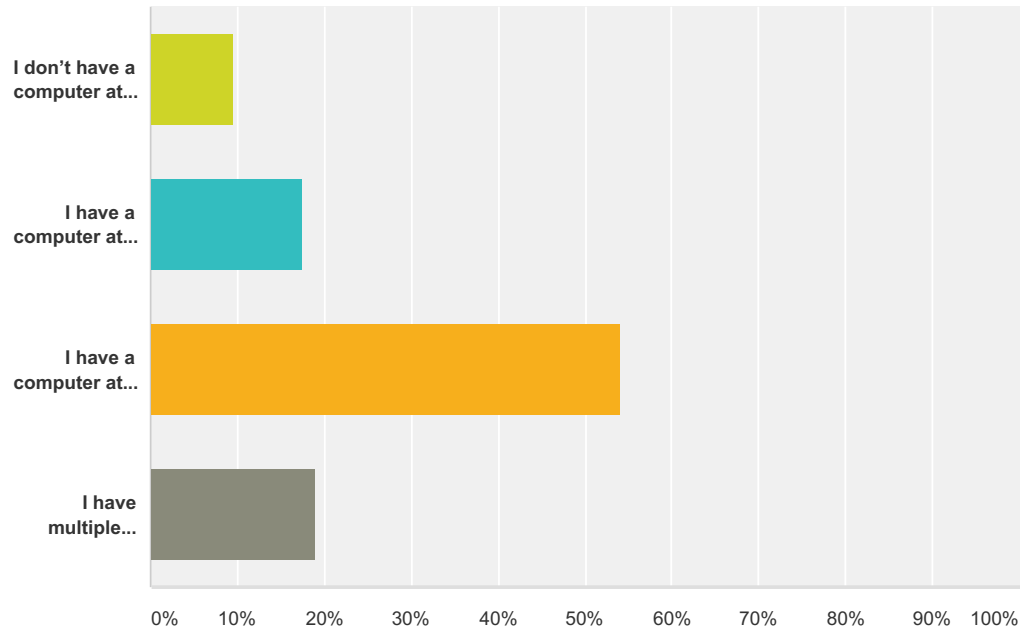
Teacher Survey - Technology Audit

Elementary	36.51%	23
English Language Arts	20.63%	13
Family & Consumer Science	1.59%	1
Foreign Language	4.76%	3
Health	4.76%	3
Library	6.35%	4
Math	22.22%	14
Music	3.17%	2
Physical Education	4.76%	3
Reading	11.11%	7
Science	20.63%	13
Social Studies	19.05%	12
Technology	11.11%	7
Total Respondents: 63		

#	Other (please specify)	Date
1	I don't teach	2/3/2016 3:50 PM
2	Speech/Language PreK-6	2/3/2016 12:22 PM
3	Special Education	2/3/2016 9:04 AM
4	Middle School and High School	1/20/2016 10:00 PM
5	Teacher	1/20/2016 3:41 PM
6	School Counseling	1/20/2016 3:39 PM
7	Agriculture	1/20/2016 3:39 PM
8	Middle school special education	1/20/2016 3:38 PM
9	Special Education	1/20/2016 3:37 PM
10	Resource room middle school	1/20/2016 2:58 PM

Q2 Do you own a computer at home?

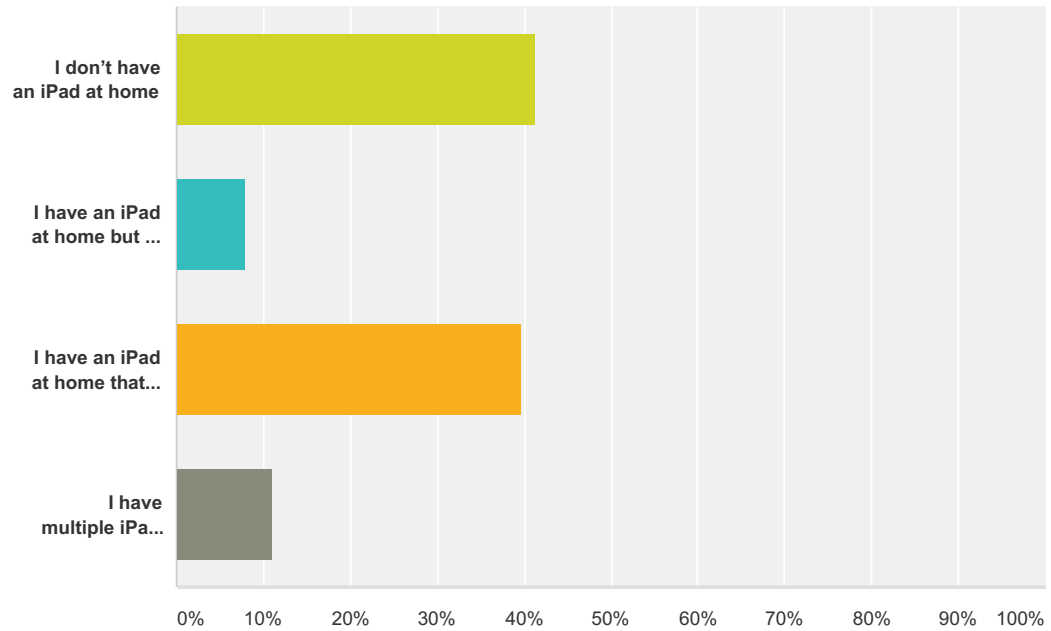
Answered: 63 Skipped: 0



Answer Choices	Responses	
I don't have a computer at home	9.52%	6
I have a computer at home but I don't use it	17.46%	11
I have a computer at home that I use	53.97%	34
I have multiple computers at home that I can use	19.05%	12
Total		63

Q3 Do you own an iPad at home?

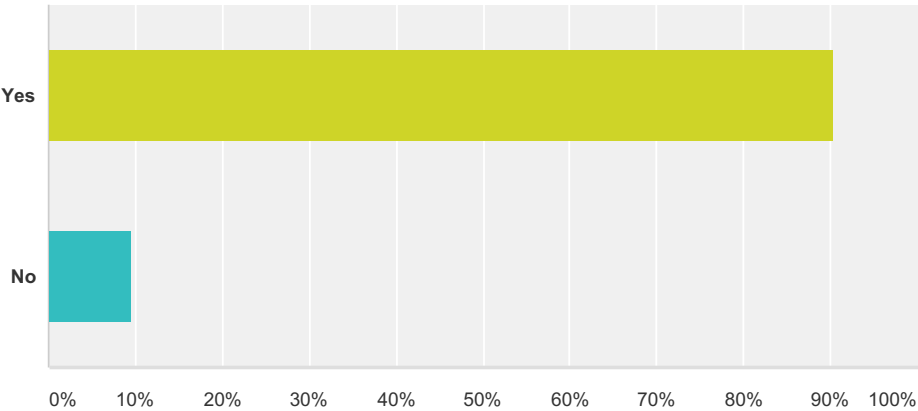
Answered: 63 Skipped: 0



Answer Choices	Responses	
I don't have an iPad at home	41.27%	26
I have an iPad at home but I don't use it	7.94%	5
I have an iPad at home that I use	39.68%	25
I have multiple iPads at home that I can use	11.11%	7
Total		63

Q4 Do you have Internet access at home?

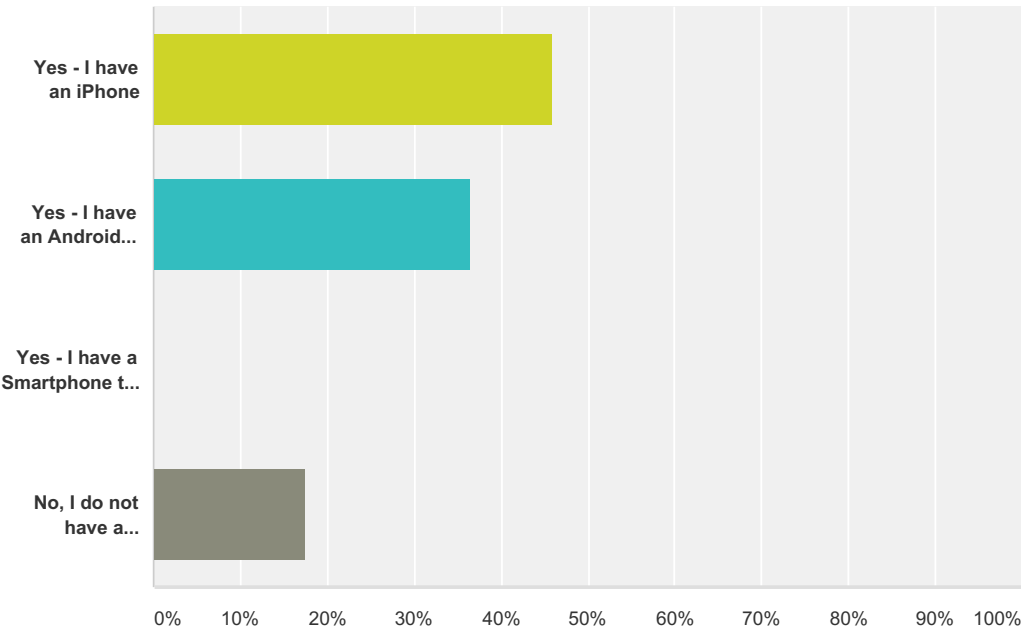
Answered: 63 Skipped: 0



Answer Choices	Responses	
Yes	90.48%	57
No	9.52%	6
Total		63

Q5 Do you own a Smartphone?

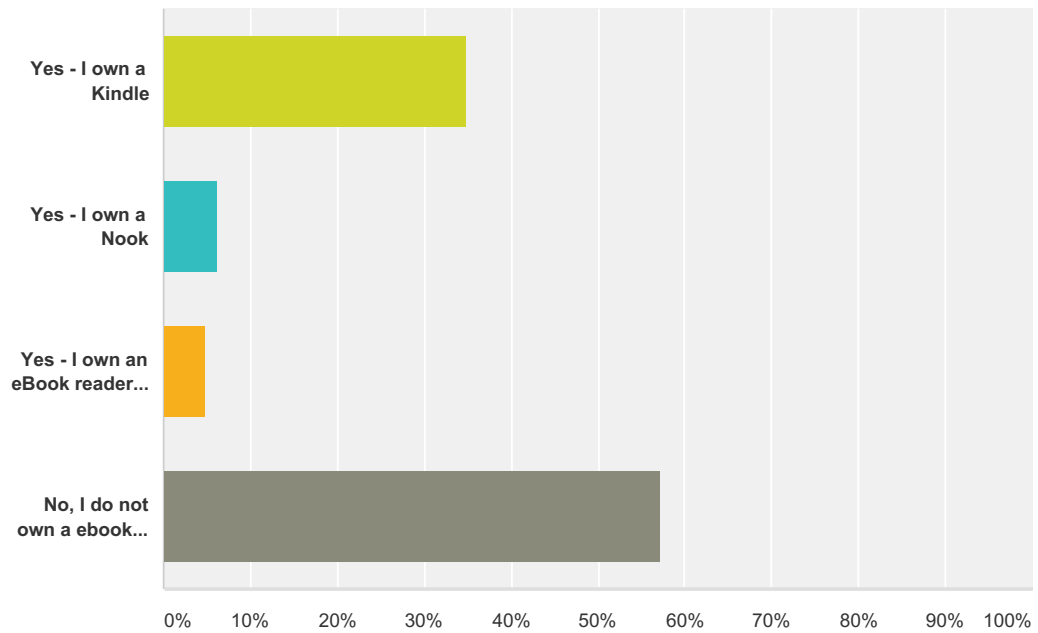
Answered: 63 Skipped: 0



Answer Choices	Responses	
Yes - I have an iPhone	46.03%	29
Yes - I have an Android Phone	36.51%	23
Yes - I have a Smartphone that is not an iPhone or Android	0.00%	0
No, I do not have a Smartphone	17.46%	11
Total		63

Q6 Do you own an ebook reader at home? Check all that apply

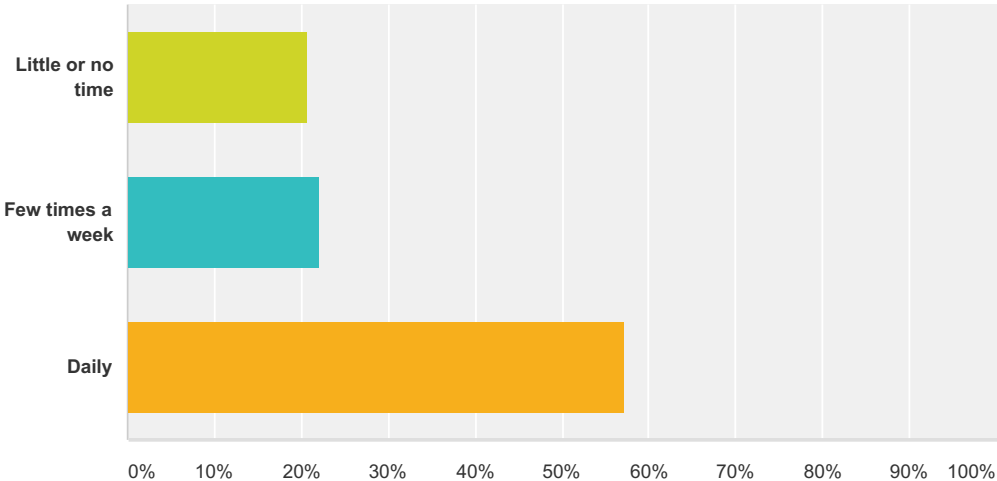
Answered: 63 Skipped: 0



Answer Choices	Responses	
Yes - I own a Kindle	34.92%	22
Yes - I own a Nook	6.35%	4
Yes - I own an eBook reader that is not a Kindle or a Nook	4.76%	3
No, I do not own a ebook reader	57.14%	36
Total Respondents: 63		

Q7 How much time do you spend using a computer at home (personal and/or work related)?

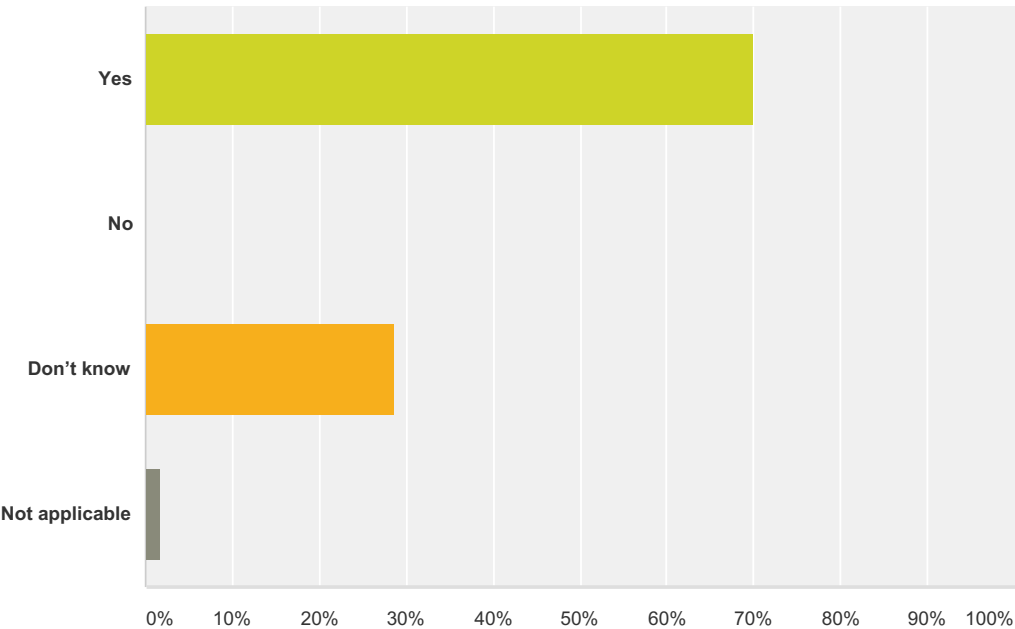
Answered: 63 Skipped: 0



Answer Choices	Responses	
Little or no time	20.63%	13
Few times a week	22.22%	14
Daily	57.14%	36
Total		63

Q8 Does Pine Valley Central Schools have a Technology Plan in place?

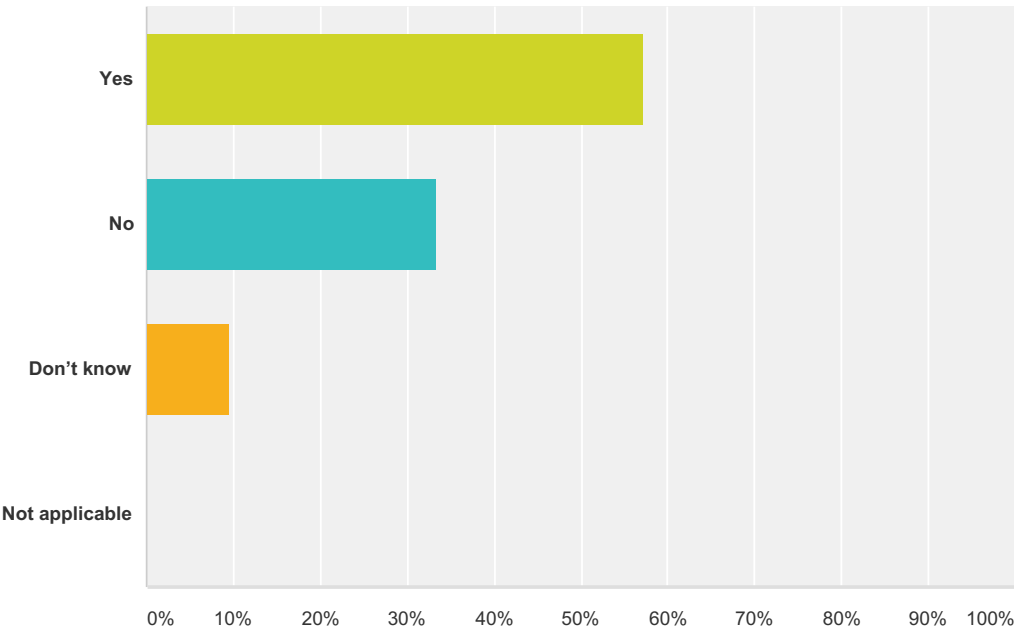
Answered: 63 Skipped: 0



Answer Choices	Responses	
Yes	69.84%	44
No	0.00%	0
Don't know	28.57%	18
Not applicable	1.59%	1
Total		63

Q9 Have you reviewed the Pine Valley Central Schools Technology Plan?

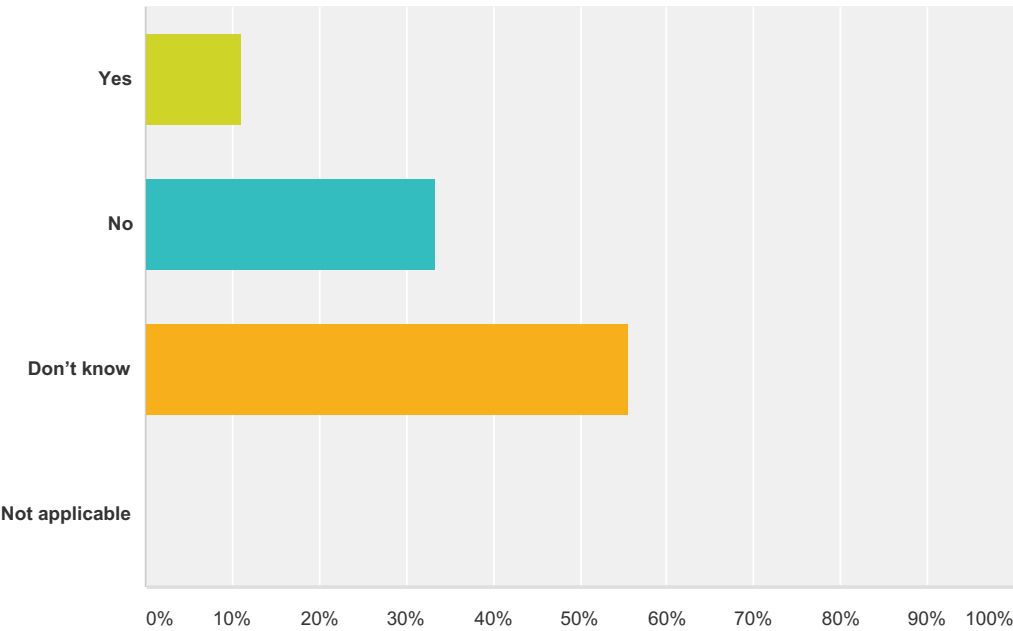
Answered: 63 Skipped: 0



Answer Choices	Responses	
Yes	57.14%	36
No	33.33%	21
Don't know	9.52%	6
Not applicable	0.00%	0
Total		63

Q10 To your knowledge, has the Technology Plan been fully implemented?

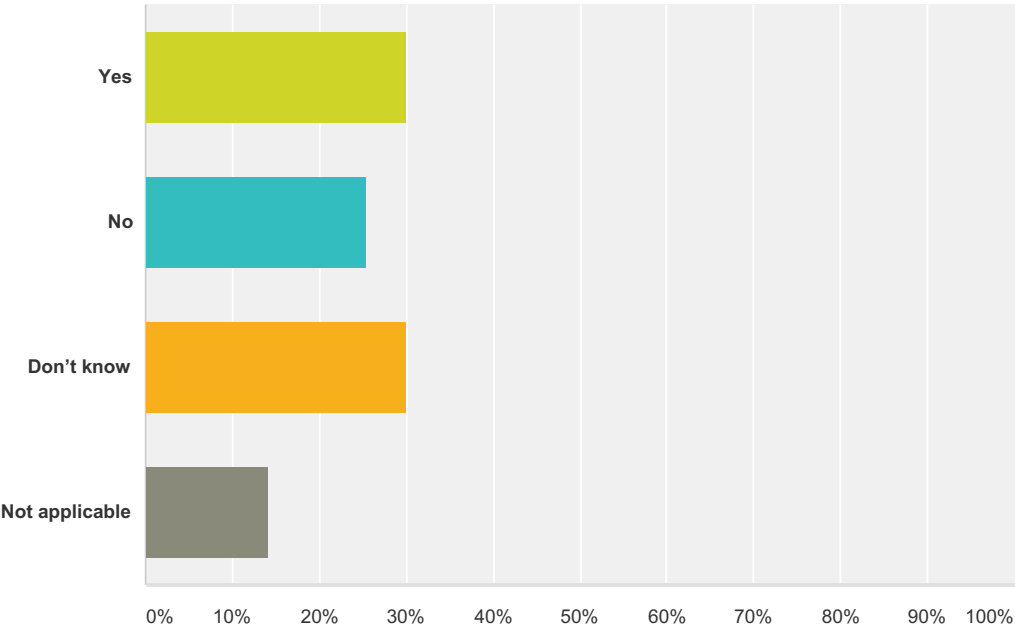
Answered: 63 Skipped: 0



Answer Choices	Responses	
Yes	11.11%	7
No	33.33%	21
Don't know	55.56%	35
Not applicable	0.00%	0
Total		63

Q11 Was your feedback (suggestions and/or comments) elicited regarding the Technology Plan?

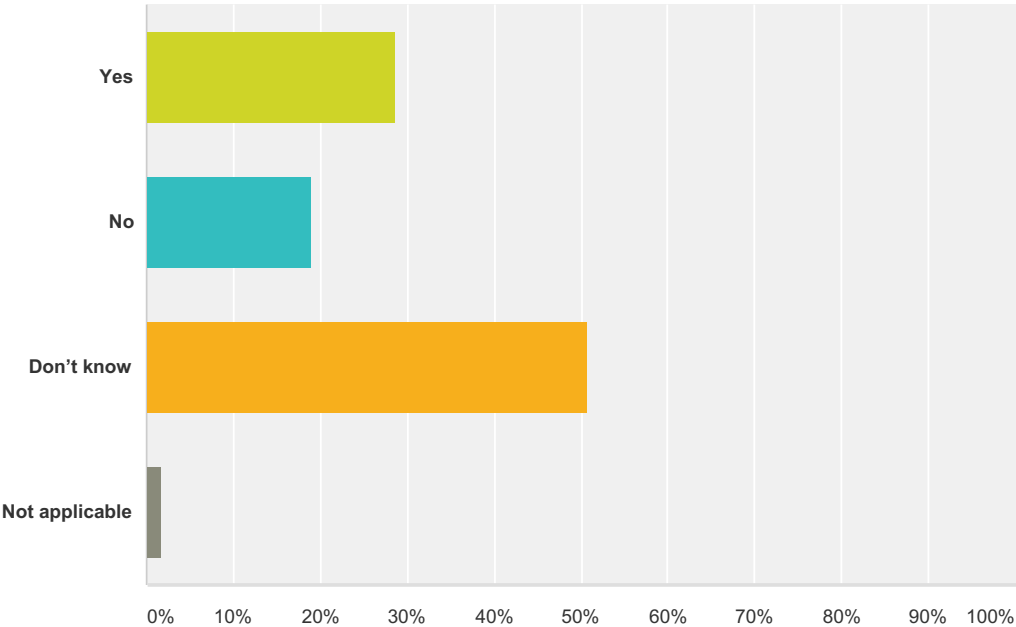
Answered: 63 Skipped: 0



Answer Choices	Responses	
Yes	30.16%	19
No	25.40%	16
Don't know	30.16%	19
Not applicable	14.29%	9
Total		63

Q12 Is technology deployment and use in your school aligned with the District Technology Plan?

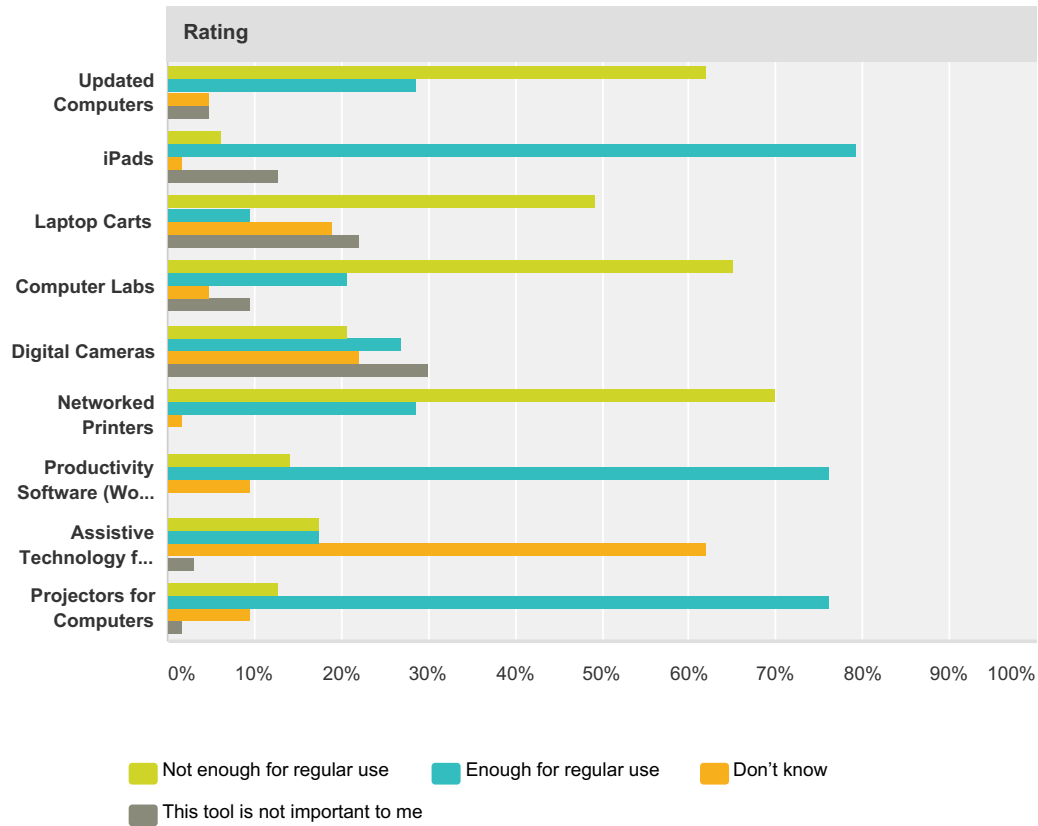
Answered: 63 Skipped: 0



Answer Choices	Responses	
Yes	28.57%	18
No	19.05%	12
Don't know	50.79%	32
Not applicable	1.59%	1
Total		63

Q13 Are there sufficient quantities of the following tools throughout the school to allow you to use them on a regular basis for learning activities?

Answered: 63 Skipped: 0



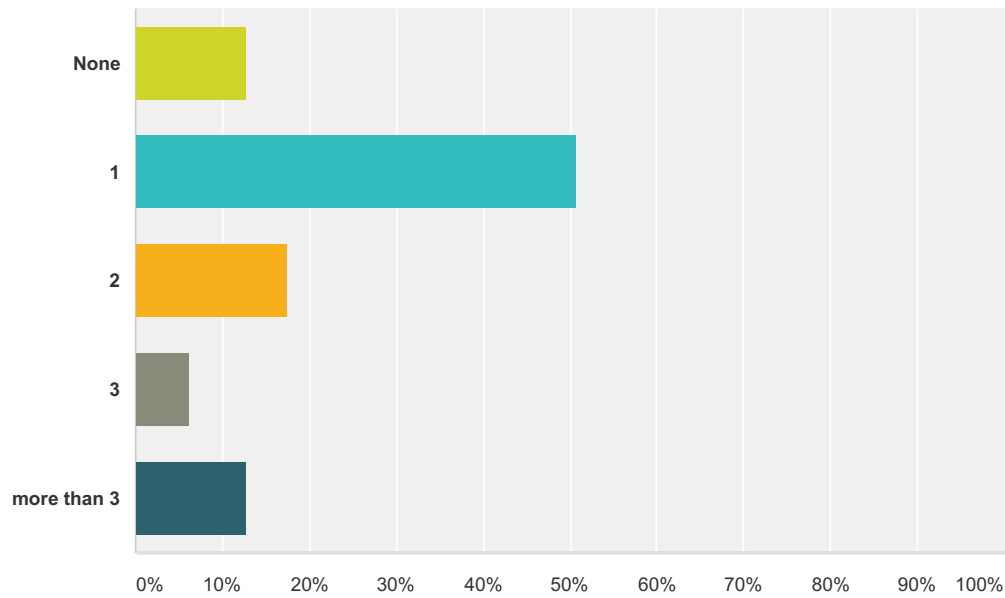
Rating					
	Not enough for regular use	Enough for regular use	Don't know	This tool is not important to me	Total
Updated Computers	61.90% 39	28.57% 18	4.76% 3	4.76% 3	63
iPads	6.35% 4	79.37% 50	1.59% 1	12.70% 8	63
Laptop Carts	49.21% 31	9.52% 6	19.05% 12	22.22% 14	63
Computer Labs	65.08% 41	20.63% 13	4.76% 3	9.52% 6	63
Digital Cameras	20.63% 13	26.98% 17	22.22% 14	30.16% 19	63
Networked Printers	69.84% 44	28.57% 18	1.59% 1	0.00% 0	63
Productivity Software (Word, Powerpoint, Excel, etc)	14.29% 9	76.19% 48	9.52% 6	0.00% 0	63

Teacher Survey - Technology Audit

Assistive Technology for special needs students	17.46% 11	17.46% 11	61.90% 39	3.17% 2	63
Projectors for Computers	12.70% 8	76.19% 48	9.52% 6	1.59% 1	63

Q14 How many computers do you have in your classroom?

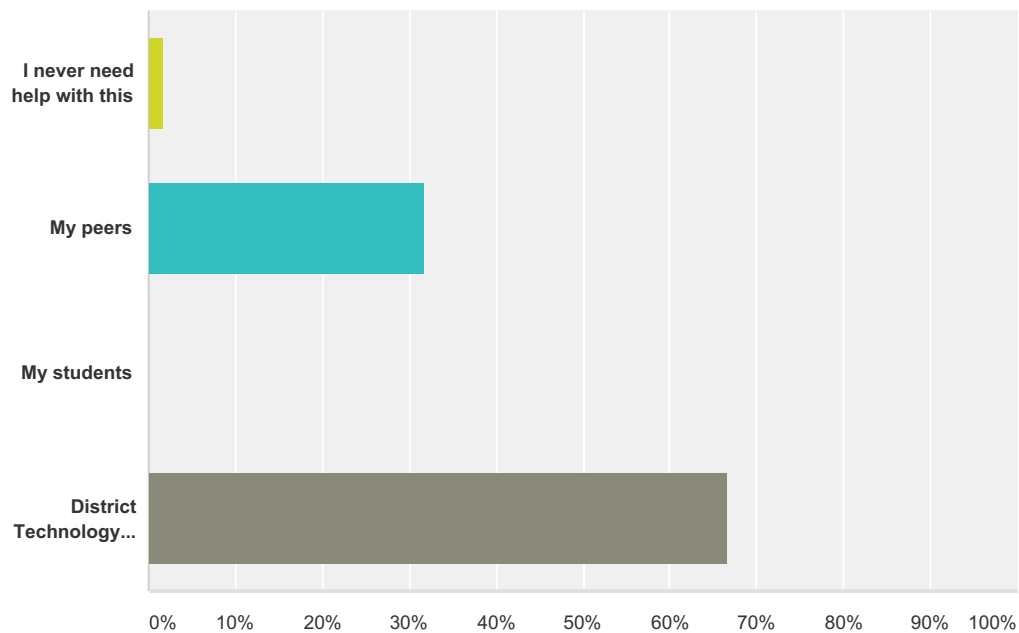
Answered: 63 Skipped: 0



Answer Choices	Responses	
None	12.70%	8
1	50.79%	32
2	17.46%	11
3	6.35%	4
more than 3	12.70%	8
Total		63

Q15 Where do you mostly turn for help when you need it regarding technology?

Answered: 63 Skipped: 0

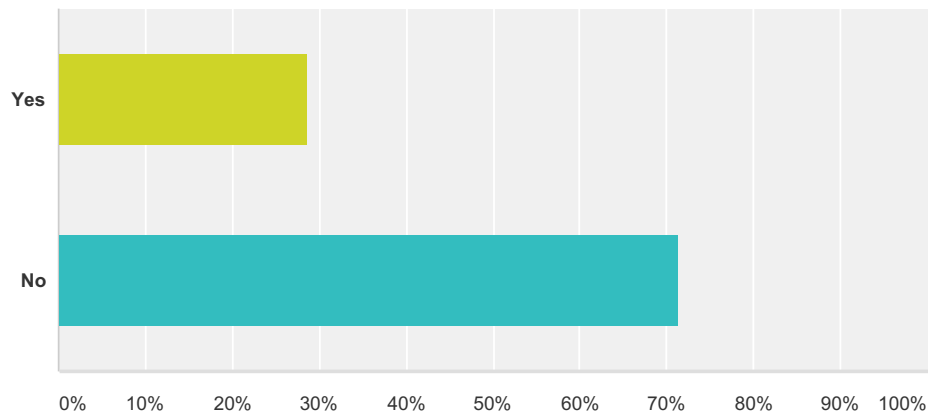


Answer Choices	Responses
I never need help with this	1.59% 1
My peers	31.75% 20
My students	0.00% 0
District Technology Department	66.67% 42
Total	63

#	Other (please specify)	Date
1	It used to be the Tech Department until three members were cut or returned to classrooms.	2/3/2016 5:47 PM
2	Because tech dept is sometimes slow to respond.	1/20/2016 3:16 PM
3	Kelsey	1/20/2016 3:01 PM

Q16 Is there sufficient technical support available?

Answered: 63 Skipped: 0



Answer Choices	Responses
Yes	28.57% 18
No	71.43% 45
Total	63

#	Other (please specify)	Date
1	Seems as though there are enough people to provide support, but often help desk requests go unanswered for long periods of time. This is not as bad this year but a concern.	2/3/2016 6:35 PM
2	There used to be.	2/3/2016 5:47 PM
3	Not always	2/3/2016 4:17 PM
4	Recent cuts in the tech department have crippled the tech department's ability to respond to our needs.	2/3/2016 9:33 AM
5	Depends on the issue, the technology department tries hard to address our needs in a timely manner	2/3/2016 8:58 AM
6	The technology department works very hard to keep up with the numerous issues arising from our heavy use of technology.	1/21/2016 8:20 AM
7	Need to hire more people.	1/21/2016 7:21 AM
8	Currently understaffed	1/20/2016 3:44 PM
9	Need computer lab instructor and in integrator	1/20/2016 3:17 PM

Teacher Survey - Technology Audit

Q17 Do you have any other comments about your access to technology in school?

Answered: 29 Skipped: 34

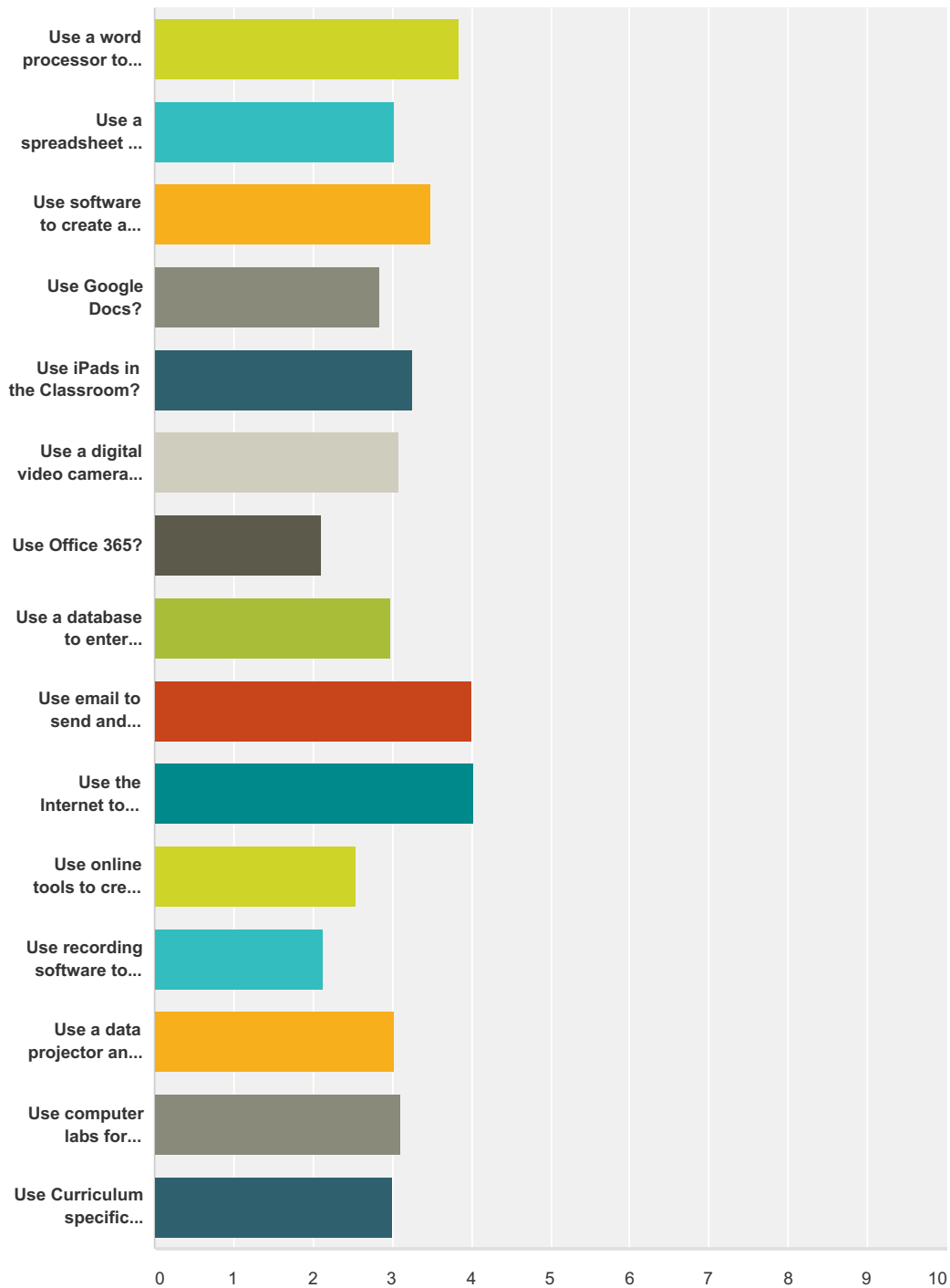
#	Responses	Date
1	We need to have desktop computers back in the room like the good old days. Also, individual printers like the early 2000's.	2/4/2016 8:26 AM
2	We need to have a ceiling mounted projector in the gymnasium. I have been promised this for 4 years now and still no projector. I would definitely use this to assist my teaching. This projector would also be used for assemblies and by coaches.	2/4/2016 8:23 AM
3	I have always been given every opportunity to try new technologies in my classroom to help enhance and improve my curriculum instruction and my students understanding of what would be expected of them in a technology based collage setting and work force.	2/3/2016 5:47 PM
4	Students have less access to computers in the lower grade this year than they have had in the past. iPads are good for some things like accessing module books that we don't have enough of but not when it comes to iReady. Why we're all the computers removed from classrooms? 4 Crome books for 22 students doesn't work so well.	2/3/2016 4:17 PM
5	Difficult when facing a technology conflict and a "Help Desk" must be reported and time waited endured before help is found. Personal assistance is no longer existing within the district and I find this very sad and frustrating.	2/3/2016 3:55 PM
6	Lack of training makes implementation difficult	2/3/2016 3:54 PM
7	We need sufficient technological support as two people is not enough to address the tech problems that constantly arise	2/3/2016 3:53 PM
8	Are iPads the best educational tool?	2/3/2016 3:52 PM
9	With the implementation of iReady. Our lab time, if we have it, is devoted to iReady lessons, not teaching technology. Last year they needed 2 lessons each of math and reading.	2/3/2016 3:49 PM
10	We are expected to do things with technology that we are not properly trained for.	2/3/2016 3:49 PM
11	The loss of the Technology Director leaves a large hole in the deployment of technology in this district.	2/3/2016 3:43 PM
12	Moretech support and hands on learning.	2/3/2016 3:20 PM
13	Question 13: A touch screen computer/monitor at times would be beneficial for a special needs student (would be more beneficial than an iPad due to screen size). Question 14: One is not in use. Age-appropriate iPad apps, full-version (not Lite) and updated software would also be of benefit.	2/3/2016 12:30 PM
14	No	2/3/2016 9:33 AM
15	There is not enough access	2/3/2016 9:23 AM
16	I would like to see the students have a regular technology class and access to the computer lab. Right now, our lab has just enough computers but there are usually problems with sound (headphones)	2/3/2016 8:58 AM
17	I am interested in creating a music computer lab, using the existing Macs that are currently in storage. Secondly, we need to have networked printers that can be used with the iPads.	1/21/2016 8:20 AM
18	Takes forever to get tech help because there are so few tech people.	1/21/2016 7:21 AM
19	I think that there needs to be an actual computer lab in the high school, with supervision, that students are able to use in their study halls. Often students come to the library to use a computer and there are not enough.	1/20/2016 3:51 PM
20	We need programs that align with the technology we have. Ex - iReady is flash based and can't be done iPads so it becomes an issue implementing when computers with flash are limited.	1/20/2016 3:46 PM
21	I would love to have computers available, on a regular basis for our students. I have mixed feelings about students taking equipment home.	1/20/2016 3:45 PM
22	Kelsey does an excellent job addressing issues and assisting when needed.	1/20/2016 3:44 PM
23	students would be better off with laptops or more computer labs. the ipads are glorified nintendos	1/20/2016 3:43 PM

Teacher Survey - Technology Audit

24	Timely fix of issues when things get moved around over the summer. This could improve or left alone to avoid setup in september	1/20/2016 3:42 PM
25	In my high school special education courses I fully utilize the iPad for student use, support staff and student use. I also use the projector and computer based and iPad based learning for all facets of my curriculum. I love technology and alway welcome more, new and interesting products in my classroom.	1/20/2016 3:41 PM
26	Our technology is Slow with updates With the loss of several people in the technology department it takes much longer for some "fixes" and updates to occur.	1/20/2016 3:12 PM
27	Doesn't work all the time, kids have iPads gone for days, too many glitches	1/20/2016 3:08 PM
28	Need ability to use a computer lab on a daily basis	1/20/2016 3:05 PM
29	Computer Labs/ Netbook Carts are needed	1/20/2016 3:05 PM

Q18 How comfortable are you in using Technology to:

Answered: 62 Skipped: 1



	I don't know how to do this	below average skills in this area when compared to my peers	average skills in this area when compared to my peers	above average skills in this area when compared to my peers	I am an expert and could train others in this area	Total	Weighted Average
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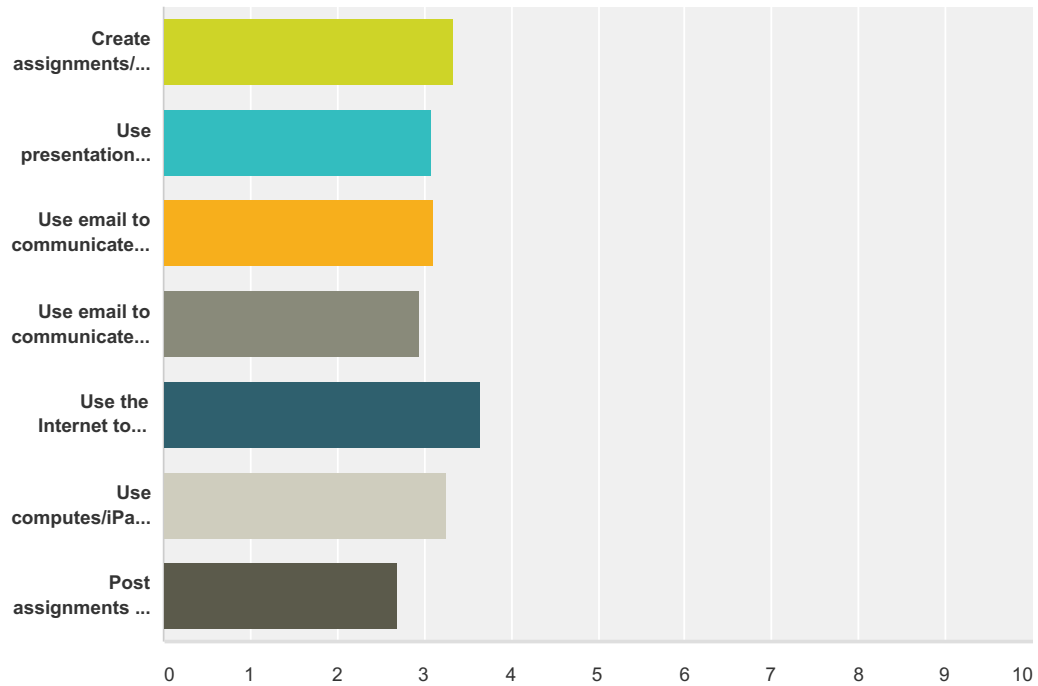
Teacher Survey - Technology Audit

Use a word processor to create documents?	1.61% 1	0.00% 0	33.87% 21	41.94% 26	22.58% 14	62	3.84
Use a spreadsheet to create graphs?	9.68% 6	17.74% 11	40.32% 25	24.19% 15	8.06% 5	62	3.03
Use software to create a presentation (Powerpoint, Prezi, etc.)?	1.61% 1	12.90% 8	37.10% 23	32.26% 20	16.13% 10	62	3.48
Use Google Docs?	8.06% 5	33.87% 21	35.48% 22	11.29% 7	11.29% 7	62	2.84
Use iPads in the Classroom?	1.61% 1	19.35% 12	41.94% 26	25.81% 16	11.29% 7	62	3.26
Use a digital video camera or iPad to make a video?	4.84% 3	24.19% 15	38.71% 24	22.58% 14	9.68% 6	62	3.08
Use Office 365?	43.55% 27	24.19% 15	16.13% 10	9.68% 6	6.45% 4	62	2.11
Use a database to enter information?	8.06% 5	25.81% 16	35.48% 22	20.97% 13	9.68% 6	62	2.98
Use email to send and receive messages?	1.61% 1	0.00% 0	25.81% 16	41.94% 26	30.65% 19	62	4.00
Use the Internet to find information?	1.61% 1	1.61% 1	20.97% 13	43.55% 27	32.26% 20	62	4.03
Use online tools to create a blog or wiki?	17.74% 11	41.94% 26	14.52% 9	19.35% 12	6.45% 4	62	2.55
Use recording software to create a podcast?	32.26% 20	41.94% 26	12.90% 8	6.45% 4	6.45% 4	62	2.13
Use a data projector and connect a computer/iPad to it?	9.68% 6	29.03% 18	24.19% 15	22.58% 14	14.52% 9	62	3.03
Use computer labs for curriculum and instruction?	3.23% 2	27.42% 17	35.48% 22	22.58% 14	11.29% 7	62	3.11
Use Curriculum specific software?	8.06% 5	20.97% 13	43.55% 27	17.74% 11	9.68% 6	62	3.00

Teacher Survey - Technology Audit

Q19 How often do you:

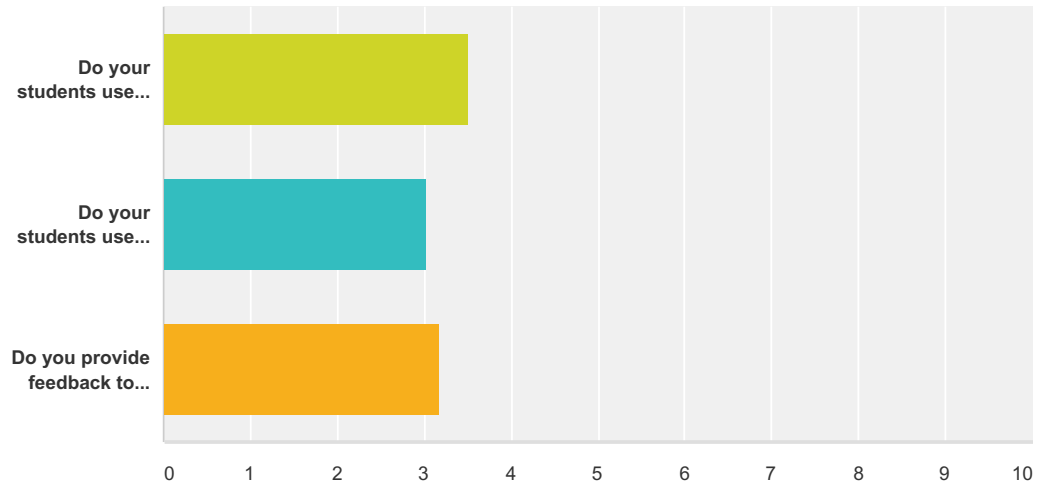
Answered: 61 Skipped: 2



	Never	Rarely	Few times a week	Every Day	Not Applicable	Total	Weighted Average
Create assignments/worksheets with a word processor?	0.00% 0	6.56% 4	55.74% 34	36.07% 22	1.64% 1	61	3.33
Use presentation software for instruction?	1.64% 1	27.87% 17	31.15% 19	37.70% 23	1.64% 1	61	3.10
Use email to communicate with parents?	0.00% 0	14.75% 9	60.66% 37	22.95% 14	1.64% 1	61	3.11
Use email to communicate with students?	6.56% 4	21.31% 13	44.26% 27	26.23% 16	1.64% 1	61	2.95
Use the Internet to research information for your teaching?	0.00% 0	0.00% 0	37.70% 23	59.02% 36	3.28% 2	61	3.66
Use computes/iPads for drill and practice with students?	3.28% 2	21.31% 13	29.51% 18	39.34% 24	6.56% 4	61	3.25
Post assignments to a website (example: PowerSchool) for students and parents to view from home?	24.59% 15	21.31% 13	21.31% 13	24.59% 15	8.20% 5	61	2.70

Q20 About how much time in a week:

Answered: 61 Skipped: 2



	Never	Rarely	Few times a week	Every Day	Not applicable	Total	Weighted Average
Do your students use technology IN your classroom?	3.28% 2	4.92% 3	34.43% 21	52.46% 32	4.92% 3	61	3.51
Do your students use technology OUTSIDE your classroom to complete assignments?	11.48% 7	21.31% 13	36.07% 22	14.75% 9	16.39% 10	61	3.03
Do you provide feedback to students when assignments are turned in electronically?	11.48% 7	19.67% 12	29.51% 18	18.03% 11	21.31% 13	61	3.18

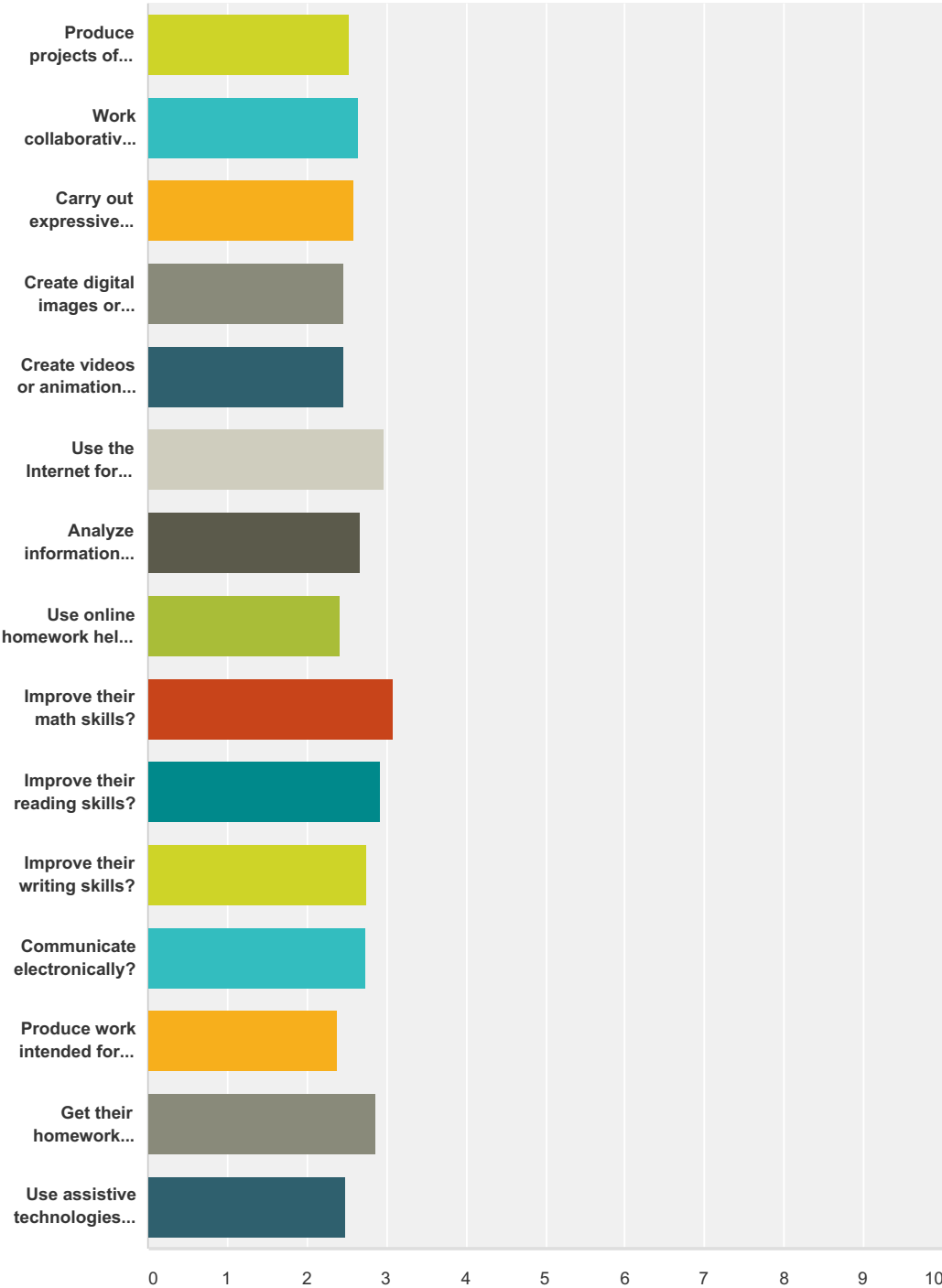
Q21 If you provide feedback to students when assignments are turned in electronically, please indicate what methods of communication you employ -

Answered: 27 Skipped: 36

#	Responses	Date
1	Email	2/4/2016 12:37 PM
2	I don't do this.	2/4/2016 8:29 AM
3	email google classroom	2/3/2016 5:54 PM
4	Emailing with notability.	2/3/2016 4:21 PM
5	Thumbs up check in class	2/3/2016 4:00 PM
6	Verbal	2/3/2016 3:57 PM
7	Comments in Google classroom	2/3/2016 3:34 PM
8	Google classroom or email	2/3/2016 9:36 AM
9	Face to face - to do otherwise takes twice as long.	2/3/2016 9:36 AM
10	Grading/commenting via Showbie	2/1/2016 1:43 PM
11	Email Showbie App	1/22/2016 2:29 PM
12	Google Classroom, email,	1/21/2016 8:24 AM
13	Indicate what score is and what could be done to improve or what they may have missed, what other area they could investigate into for further research	1/21/2016 7:34 AM
14	electronic	1/21/2016 7:24 AM
15	Showbie. Verbal communication	1/20/2016 6:41 PM
16	Showbie allows students to see written comments immediately. Turnitin.com allows for comments which are often linked to websites for extra help etc. students do need to open and look at the application to see the feedback though.	1/20/2016 4:05 PM
17	email	1/20/2016 3:50 PM
18	verbally	1/20/2016 3:47 PM
19	I use the iPad with a new option via email called markup - can mark and email directly back to students.	1/20/2016 3:44 PM
20	Email	1/20/2016 3:42 PM
21	Yes, in person	1/20/2016 3:41 PM
22	I use Showbie to comment or I will email the student.	1/20/2016 3:41 PM
23	email same assignment back with notes/comments	1/20/2016 3:36 PM
24	Showbie-grade on it and students can see as soon as it is graded	1/20/2016 3:21 PM
25	Written	1/20/2016 3:15 PM
26	Face to face	1/20/2016 3:04 PM
27	I use google docs with comments inserted in their paper.	1/20/2016 3:03 PM

Q22 In the classes you teach, how often do you engage in technology to have students:

Answered: 61 Skipped: 2



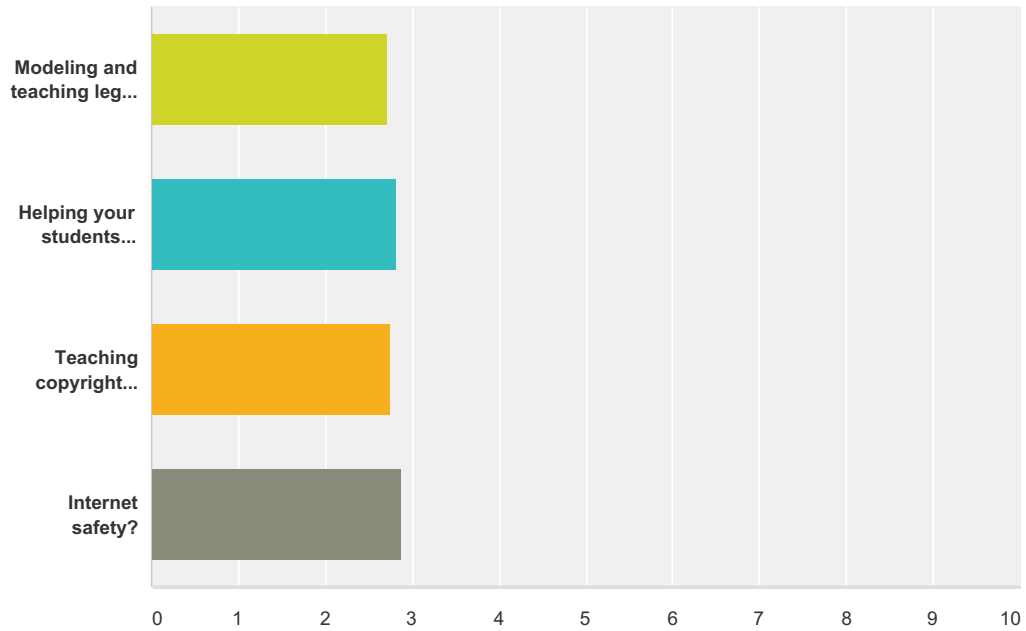
	Never	Rarely	Few times a week	Every Day	Not applicable	Total	Weighted Average
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Teacher Survey - Technology Audit

Produce projects of their own design?	11.48% 7	50.82% 31	22.95% 14	3.28% 2	11.48% 7	61	2.52
Work collaboratively on projects?	11.48% 7	36.07% 22	37.70% 23	4.92% 3	9.84% 6	61	2.66
Carry out expressive writing assignments?	21.31% 13	27.87% 17	32.79% 20	6.56% 4	11.48% 7	61	2.59
Create digital images or graphs to illustrate their work?	19.67% 12	42.62% 26	22.95% 14	1.64% 1	13.11% 8	61	2.46
Create videos or animations for school projects?	13.11% 8	60.66% 37	9.84% 6	0.00% 0	16.39% 10	61	2.46
Use the Internet for research?	8.20% 5	21.31% 13	44.26% 27	18.03% 11	8.20% 5	61	2.97
Analyze information found on the web?	13.11% 8	31.15% 19	39.34% 24	8.20% 5	8.20% 5	61	2.67
Use online homework help sites or software?	34.43% 21	26.23% 16	18.03% 11	4.92% 3	16.39% 10	61	2.43
Improve their math skills?	19.67% 12	14.75% 9	26.23% 16	14.75% 9	24.59% 15	61	3.10
Improve their reading skills?	13.11% 8	16.39% 10	45.90% 28	13.11% 8	11.48% 7	61	2.93
Improve their writing skills?	16.39% 10	29.51% 18	29.51% 18	11.48% 7	13.11% 8	61	2.75
Communicate electronically?	18.03% 11	29.51% 18	21.31% 13	22.95% 14	8.20% 5	61	2.74
Produce work intended for audiences beyond the classroom such as other grades, other schools, or the community?	27.87% 17	40.98% 25	9.84% 6	6.56% 4	14.75% 9	61	2.39
Get their homework assignments online (either PowerSchool, Castle Learning, Edmodo, Schoology, etc.)?	27.87% 17	13.11% 8	18.03% 11	27.87% 17	13.11% 8	61	2.85
Use assistive technologies (for learning disabled students)?	32.79% 20	26.23% 16	18.03% 11	6.56% 4	16.39% 10	61	2.48

Q23 Do you have strategies for:

Answered: 59 Skipped: 4



	No	Very few	Some	Many	Not applicable	Total	Weighted Average
Modeling and teaching legal and ethical practice related to technology use?	22.03% 13	25.42% 15	22.03% 13	20.34% 12	10.17% 6	59	2.71
Helping your students understand responsible use of the computer and the consequences for its misuse?	13.56% 8	22.03% 13	38.98% 23	20.34% 12	5.08% 3	59	2.81
Teaching copyright rules?	16.95% 10	25.42% 15	30.51% 18	18.64% 11	8.47% 5	59	2.76
Internet safety?	15.25% 9	15.25% 9	42.37% 25	20.34% 12	6.78% 4	59	2.88

Q24 Name up to three software applications you can't live without

Answered: 52 Skipped: 11

Answer Choices	Responses
Software 1:	100.00% 52
Software 2:	86.54% 45
Software 3:	71.15% 37

#	Software 1:	Date
1	Microsoft word/Excell	2/7/2016 5:52 PM
2	Safari Montage	2/4/2016 12:41 PM
3	word	2/4/2016 8:35 AM
4	Microsoft word	2/4/2016 8:30 AM
5	Word/publisher	2/3/2016 6:45 PM
6	Google Suite	2/3/2016 6:00 PM
7	Microsoft word	2/3/2016 4:12 PM
8	Imovie	2/3/2016 4:12 PM
9	Word	2/3/2016 4:01 PM
10	Microsoft word	2/3/2016 3:59 PM
11	Airserver	2/3/2016 3:58 PM
12	Chrome	2/3/2016 3:52 PM
13	Notability	2/3/2016 3:52 PM
14	IPads	2/3/2016 3:46 PM
15	Powerpoint	2/3/2016 3:43 PM
16	Notebook 10	2/3/2016 3:37 PM
17	Microsoft word	2/3/2016 3:35 PM
18	Microsoft office	2/3/2016 3:30 PM
19	Microsoft Office	2/3/2016 1:07 PM
20	Notability	2/3/2016 9:40 AM
21	Notability	2/3/2016 9:39 AM
22	Microsoft Word	2/3/2016 9:18 AM
23	Drop Box	1/22/2016 2:41 PM
24	google drive associations	1/21/2016 9:59 AM
25	AutoCAD	1/21/2016 7:52 AM
26	Word	1/21/2016 7:40 AM
27	email	1/21/2016 7:27 AM
28	Email	1/20/2016 4:45 PM
29	Word	1/20/2016 4:15 PM
30	Showbie	1/20/2016 4:11 PM

Teacher Survey - Technology Audit

31	Microsoft Office	1/20/2016 4:04 PM
32	office	1/20/2016 3:54 PM
33	Noteability	1/20/2016 3:53 PM
34	Power teacher	1/20/2016 3:53 PM
35	Dropbox	1/20/2016 3:52 PM
36	office	1/20/2016 3:50 PM
37	PowerPoint	1/20/2016 3:50 PM
38	Word/office	1/20/2016 3:49 PM
39	Word	1/20/2016 3:49 PM
40	Showbie	1/20/2016 3:46 PM
41	PowerSchool	1/20/2016 3:46 PM
42	Google	1/20/2016 3:46 PM
43	Outlook	1/20/2016 3:45 PM
44	Word	1/20/2016 3:38 PM
45	Word	1/20/2016 3:37 PM
46	Word	1/20/2016 3:33 PM
47	Google classroom	1/20/2016 3:32 PM
48	Email	1/20/2016 3:20 PM
49	MS Word	1/20/2016 3:15 PM
50	Google	1/20/2016 3:11 PM
51	Microsoft Office Suite	1/20/2016 3:09 PM
52	Google docs	1/20/2016 3:08 PM
#	Software 2:	Date
1	Chrome	2/7/2016 5:52 PM
2	Microsoft office	2/4/2016 12:41 PM
3	power school	2/4/2016 8:35 AM
4	Microsoft excel	2/4/2016 8:30 AM
5	Outlook	2/3/2016 6:45 PM
6	Notability on iPads	2/3/2016 6:00 PM
7	Email software	2/3/2016 4:12 PM
8	iBooks	2/3/2016 4:12 PM
9	Excel	2/3/2016 4:01 PM
10	Microsoft powerpoint & publisher	2/3/2016 3:59 PM
11	Word	2/3/2016 3:58 PM
12	Microsoft Office Suite	2/3/2016 3:52 PM
13	Microsoft Word	2/3/2016 3:52 PM
14	Notebook 10	2/3/2016 3:46 PM
15	Google Earth	2/3/2016 3:43 PM
16	TOLD-P:4 and TOLD-I:4 Compuscore Programs	2/3/2016 1:07 PM
17	Wwp	2/3/2016 9:40 AM
18	Word	2/3/2016 9:39 AM

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19	Cleartrack	2/3/2016 9:18 AM
20	Notability	1/22/2016 2:41 PM
21	Smartmusic	1/21/2016 9:59 AM
22	Inventor	1/21/2016 7:52 AM
23	Ppt	1/21/2016 7:40 AM
24	text	1/21/2016 7:27 AM
25	Powerpoint	1/20/2016 4:45 PM
26	Powerpoint	1/20/2016 4:15 PM
27	Notability	1/20/2016 4:11 PM
28	Notability	1/20/2016 4:04 PM
29	print key	1/20/2016 3:54 PM
30	Gradebook	1/20/2016 3:53 PM
31	powerschool/teacher	1/20/2016 3:50 PM
32	Office Suite	1/20/2016 3:50 PM
33	Schoology	1/20/2016 3:49 PM
34	Notability	1/20/2016 3:46 PM
35	Artsonia	1/20/2016 3:46 PM
36	Office	1/20/2016 3:45 PM
37	Power Point	1/20/2016 3:38 PM
38	Email	1/20/2016 3:37 PM
39	Power point	1/20/2016 3:33 PM
40	Notability	1/20/2016 3:32 PM
41	Texting	1/20/2016 3:20 PM
42	Edmodo	1/20/2016 3:15 PM
43	Notability	1/20/2016 3:11 PM
44	WebHelpDesk	1/20/2016 3:09 PM
45	Notability	1/20/2016 3:08 PM
#	Software 3:	Date
1	Pages or notability	2/4/2016 12:41 PM
2	google chrome	2/4/2016 8:35 AM
3	Fitnessgram	2/4/2016 8:30 AM
4	Internet explorer	2/3/2016 6:45 PM
5	PowerPoint	2/3/2016 4:12 PM
6	Learning apps	2/3/2016 4:12 PM
7	Microsoft excell	2/3/2016 3:59 PM
8	Notability	2/3/2016 3:58 PM
9	Destiny Library and Assets Manager	2/3/2016 3:52 PM
10	Smart Notebook	2/3/2016 3:52 PM
11	Google Classroom	2/3/2016 3:46 PM
12	Webber Hear Builder and Lingui-Systems No Glamour Programs	2/3/2016 1:07 PM
13	Google classroom	2/3/2016 9:40 AM

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14	Excel	2/3/2016 9:39 AM
15	Smart Notebook	2/3/2016 9:18 AM
16	Problem-attic	1/22/2016 2:41 PM
17	Finale	1/21/2016 9:59 AM
18	Word	1/21/2016 7:52 AM
19	Excel	1/21/2016 7:40 AM
20	internet	1/21/2016 7:27 AM
21	Word	1/20/2016 4:45 PM
22	Word processor	1/20/2016 4:11 PM
23	PowerSchool/Teacher	1/20/2016 4:04 PM
24	email	1/20/2016 3:54 PM
25	Explorer	1/20/2016 3:53 PM
26	google docs	1/20/2016 3:50 PM
27	PowerSchool	1/20/2016 3:50 PM
28	Notebook10	1/20/2016 3:46 PM
29	Word	1/20/2016 3:46 PM
30	Adobe	1/20/2016 3:45 PM
31	Excel	1/20/2016 3:38 PM
32	Power school	1/20/2016 3:37 PM
33	Pages	1/20/2016 3:32 PM
34	Internet	1/20/2016 3:20 PM
35	Powerpoint	1/20/2016 3:15 PM
36	Email	1/20/2016 3:11 PM
37	Adobe Suite	1/20/2016 3:09 PM

Q25 If you could get more software for instructional use, what would you want and how would you use it?

Answered: 28 Skipped: 35

#	Responses	Date
1	Would only need requisite if students had ability to utilize computers or net books.	2/7/2016 5:52 PM
2	Safari montage to supplement instruction	2/4/2016 12:41 PM
3	Don't know	2/4/2016 8:35 AM
4	I just want good instructional software someone to teaching it to this old lady how to do the softwares	2/3/2016 4:12 PM
5	Apps for ipads for kindergarten level math, reading, writing and spelling	2/3/2016 3:59 PM
6	Books on tape	2/3/2016 3:58 PM
7	Not applicable. I teach pre-k.	2/3/2016 3:30 PM
8	Updated Speech and Language Software for Language, Articulation/Apraxia, Social Skills	2/3/2016 1:07 PM
9	Word processing instruction Encyclopedia	2/3/2016 9:40 AM
10	Grading software to disaggregate and share data.	2/3/2016 9:39 AM
11	Anything google	1/22/2016 2:41 PM
12	NA	1/21/2016 9:59 AM
13	Plasma cam to turn design rejects into finished weld aments	1/21/2016 7:40 AM
14	netbooks/key pads	1/21/2016 7:27 AM
15	Don't know	1/20/2016 4:45 PM
16	If there was more memory on the iPad, I would like to have students download videos etc and comment etc on them in class rather than use class time watching and just blogging etc about it.	1/20/2016 4:11 PM
17	I don't know what's available that I would like for my content	1/20/2016 4:04 PM
18	New overhead projector with touch capabilities.	1/20/2016 3:50 PM
19	Paper rubric Showbie grades and feedback	1/20/2016 3:49 PM
20	Maialearning, creating college and career plans	1/20/2016 3:46 PM
21	I stop to teach stop motion animation	1/20/2016 3:46 PM
22	I don't know off the top of my head	1/20/2016 3:45 PM
23	sport site for statistics/sports management	1/20/2016 3:38 PM
24	Movie montage	1/20/2016 3:37 PM
25	Course specific software , smart board projector	1/20/2016 3:32 PM
26	Movie making software	1/20/2016 3:15 PM
27	K-12 periodic table	1/20/2016 3:11 PM
28	Ebackpacks - it is all inclusive where students would not have to leave the site to complete assignments.	1/20/2016 3:08 PM

Q26 If you are using technology on a limited basis to support teaching and learning, please share the challenges and obstacles you face? What prevents you from using technology more than you currently do?

Answered: 31 Skipped: 32

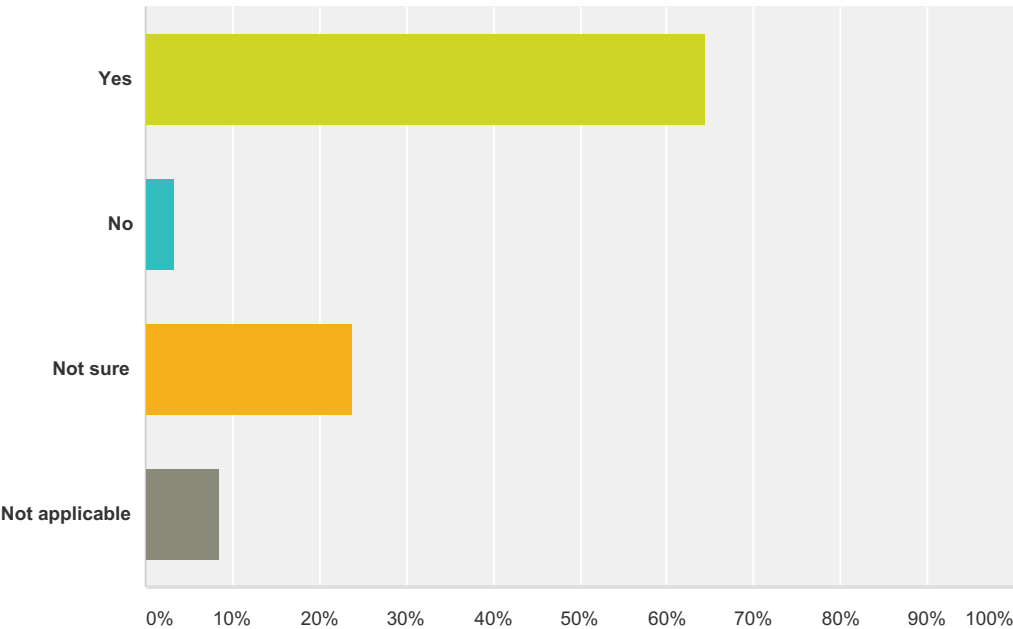
#	Responses	Date
1	Difficulties I have found for younger students is the inability to follow directions carefully. They are distracted by the ability to zoom in and out of an activity, and often have multiple apps open and are finger flipping back and forth unnoticed.	2/7/2016 5:52 PM
2	Science is mainly hands on using kit materials.	2/4/2016 8:35 AM
3	I have no projector in the gymnasium	2/4/2016 8:30 AM
4	i would love to have my own set of 5-6 iPads to use with kindergarten students. I would love to have 5-6 student computers in my room to use with small groups.	2/3/2016 6:45 PM
5	It rarely works correctly and lack of training makes implementation difficult	2/3/2016 4:12 PM
6	Not knowing how to yes software and up availability of someone to show me	2/3/2016 4:12 PM
7	Training for iPad is age and google docs	2/3/2016 4:01 PM
8	Don't know how.....dont have time.	2/3/2016 3:59 PM
9	The students get to much at home.	2/3/2016 3:30 PM
10	Many of my therapy specific software programs have not been updated to newer programs as our computers were updated. I have Lite versions of apps and/or apps that do not meet the needs of my current caseload/population (the majority of the apps on my student iPads are for low functioning and/or pre-k level students).	2/3/2016 1:07 PM
11	NA	1/21/2016 9:59 AM
12	Cost of programs or keeping current on updates	1/21/2016 7:40 AM
13	Hard time writing up labs because so few computers with printer access.	1/21/2016 7:27 AM
14	I don't have a classroom in the MS/HS. Elementary music is best learned by doing so there is little need for students to use technology in music class.	1/20/2016 10:27 PM
15	My class is mainly hands on	1/20/2016 4:45 PM
16	Students having issues with iPads is frustrating and not being able to troubleshoot the issues in a timely fashion.	1/20/2016 4:15 PM
17	Although I use it constantly, students not having charged or working iPads is a constant problem and a handy excuse for kids who are less than motivated.	1/20/2016 4:11 PM
18	NA	1/20/2016 4:04 PM
19	time lack of word processing/printing	1/20/2016 3:54 PM
20	Students hate using the iPads, slow connections, unable to download or open apps, games	1/20/2016 3:53 PM
21	Access to computers.	1/20/2016 3:52 PM
22	Ipads: students not able to connect to network at home Technology does not work for every student all the time Difficulty getting all students onto schoology When technology doesn't work it wastes valuable class time and effectiveness of the lesson is lost	1/20/2016 3:49 PM
23	Can not get on science sites	1/20/2016 3:49 PM
24	Glitchy software	1/20/2016 3:46 PM
25	Getting apps onto the iPad's that are assigned to the students or getting them onto computers	1/20/2016 3:45 PM
26	Doesn't work properly	1/20/2016 3:37 PM

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27	Need. More info/instruction	1/20/2016 3:33 PM
28	The school has NO Technology Instruction or classrooms	1/20/2016 3:15 PM
29	Student email not working, issues with Google classroom not working	1/20/2016 3:11 PM
30	Time to plan and implement, lack of support in the computer lab	1/20/2016 3:09 PM
31	I still need to have students write in class.	1/20/2016 3:08 PM

Q27 Do the parents of your students have and use email?

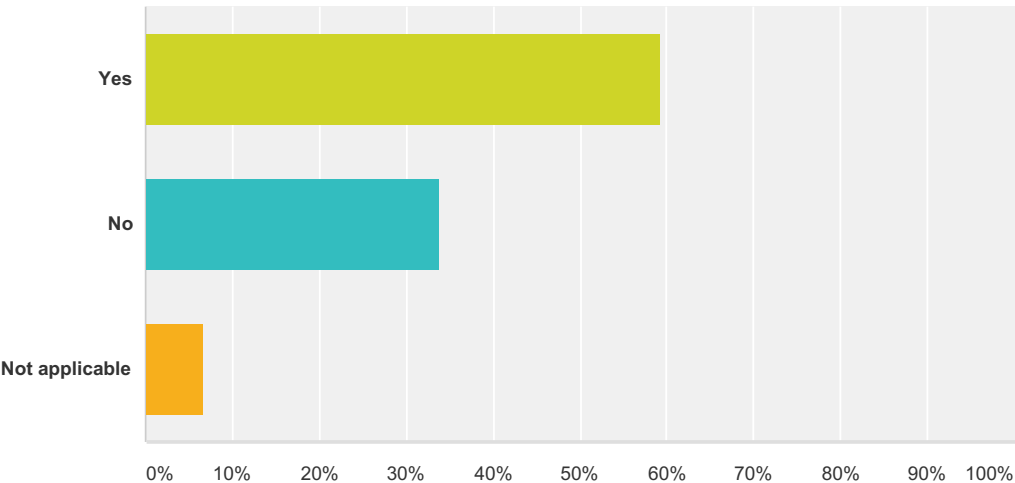
Answered: 59 Skipped: 4



Answer Choices	Responses	
Yes	64.41%	38
No	3.39%	2
Not sure	23.73%	14
Not applicable	8.47%	5
Total		59

Q28 Do you routinely communicate with your students’ parents via email?

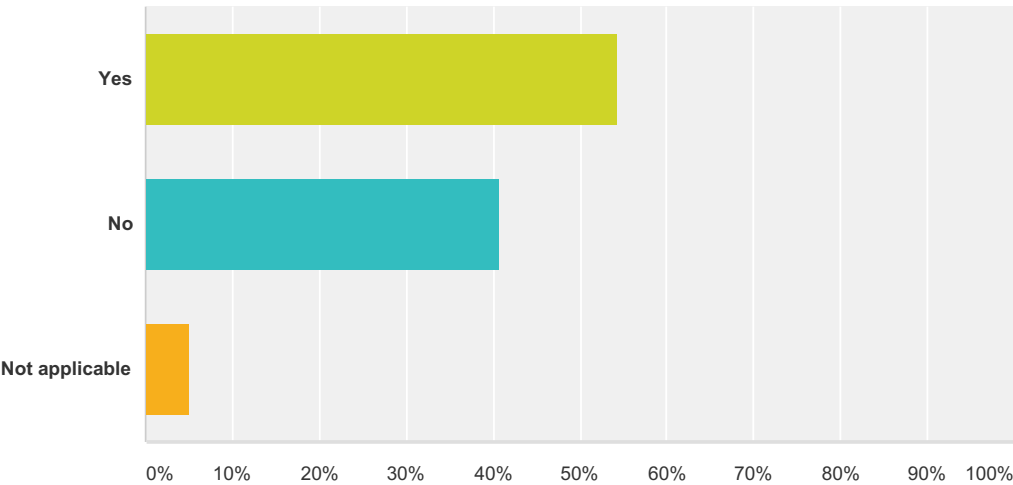
Answered: 59 Skipped: 4



Answer Choices	Responses	
Yes	59.32%	35
No	33.90%	20
Not applicable	6.78%	4
Total		59

Q29 Do the parents of your students routinely communicate with you via email?

Answered: 59 Skipped: 4



Answer Choices	Responses	
Yes	54.24%	32
No	40.68%	24
Not applicable	5.08%	3
Total		59

Q30 In the past school year (including Summer) - describe your participation in technologically related professional development?

Answered: 59 Skipped: 4

#	Responses	Date
1	Participated in workshop on web design which was helpful.	2/7/2016 5:52 PM
2	None	2/4/2016 12:41 PM
3	Google	2/4/2016 8:35 AM
4	Beginning of the year in-service. Can't remember what we learned	2/4/2016 8:30 AM
5	I came to a summer training to work on updating my web page. This school year I went to a boxes training related to my field and learned some great websites.	2/3/2016 6:45 PM
6	new projector, I have lead several google trainings, website, I am sure I am forgetting some.	2/3/2016 6:00 PM
7	Whatever is available I try to attend	2/3/2016 4:12 PM
8	Whatever we had to go to	2/3/2016 4:12 PM
9	None	2/3/2016 4:01 PM
10	Website design	2/3/2016 3:59 PM
11	None	2/3/2016 3:58 PM
12	Webpage Overview -maintain/update teacher webpages EBook overview	2/3/2016 3:52 PM
13	None	2/3/2016 3:52 PM
14	A day of professional development	2/3/2016 3:47 PM
15	Google classroom, iPads	2/3/2016 3:46 PM
16	Nonetheless	2/3/2016 3:43 PM
17	Google classroom	2/3/2016 3:37 PM
18	None	2/3/2016 3:35 PM
19	I have taken any workshops that I can. Google doc stuff!	2/3/2016 3:30 PM
20	Technology team	2/3/2016 3:26 PM
21	I have had minimal, if any (curriculum-based) technologically related PD.	2/3/2016 1:07 PM
22	Google	2/3/2016 9:40 AM
23	Massive	2/3/2016 9:39 AM
24	None	2/3/2016 9:28 AM
25	When available and offered, I attempt to participate.	2/3/2016 9:18 AM
26	Attended workshops	2/1/2016 1:45 PM
27	Google Classroom	1/22/2016 2:41 PM
28	na	1/21/2016 9:59 AM
29	none	1/21/2016 7:52 AM
30	Not sure of any cases other than PowerSchool training	1/21/2016 7:40 AM
31	some workshops	1/21/2016 7:27 AM
32	Summer in service for 10-12 hours.	1/20/2016 10:27 PM

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33	Only what was offered. I was a participant on technology team.	1/20/2016 4:45 PM
34	n/a	1/20/2016 4:15 PM
35	In service days. Communities of practice often discusses technology. Katy Berner-Wallen always show off a few new apps.	1/20/2016 4:11 PM
36	New smart board technology	1/20/2016 4:04 PM
37	none	1/20/2016 3:54 PM
38	I am currently getting my masters in Educational Technology so I have been doing a lot with that	1/20/2016 3:53 PM
39	In service days	1/20/2016 3:53 PM
40	None	1/20/2016 3:52 PM
41	none	1/20/2016 3:50 PM
42	I have been on the technology team - I know most things that have to do with technology.	1/20/2016 3:50 PM
43	Showbie Schoology text workshop New projector workshop Google	1/20/2016 3:49 PM
44	One	1/20/2016 3:49 PM
45	Was not allowed to go to LOTE forum because only one person from department allowed to go.	1/20/2016 3:46 PM
46	None	1/20/2016 3:46 PM
47	None really	1/20/2016 3:46 PM
48	I attended Google classroom as that was the only one offered that I had not already taken	1/20/2016 3:45 PM
49	google drive development	1/20/2016 3:38 PM
50	3 courses over summer	1/20/2016 3:37 PM
51	Not sure	1/20/2016 3:34 PM
52	Very little	1/20/2016 3:33 PM
53	Google workshop, Epson projector workshop	1/20/2016 3:32 PM
54	Workshop	1/20/2016 3:20 PM
55	Web Page Overview and eBooks	1/20/2016 3:15 PM
56	Graduate work	1/20/2016 3:15 PM
57	Google classroom over summer,	1/20/2016 3:11 PM
58	Webpage overview - facilitator eBook overview - facilitator	1/20/2016 3:09 PM
59	I took 4-6 hours during the 2015 summer.	1/20/2016 3:08 PM

Q31 What types of skills would you want to learn if additional technology professional development was offered?

Answered: 59 Skipped: 4

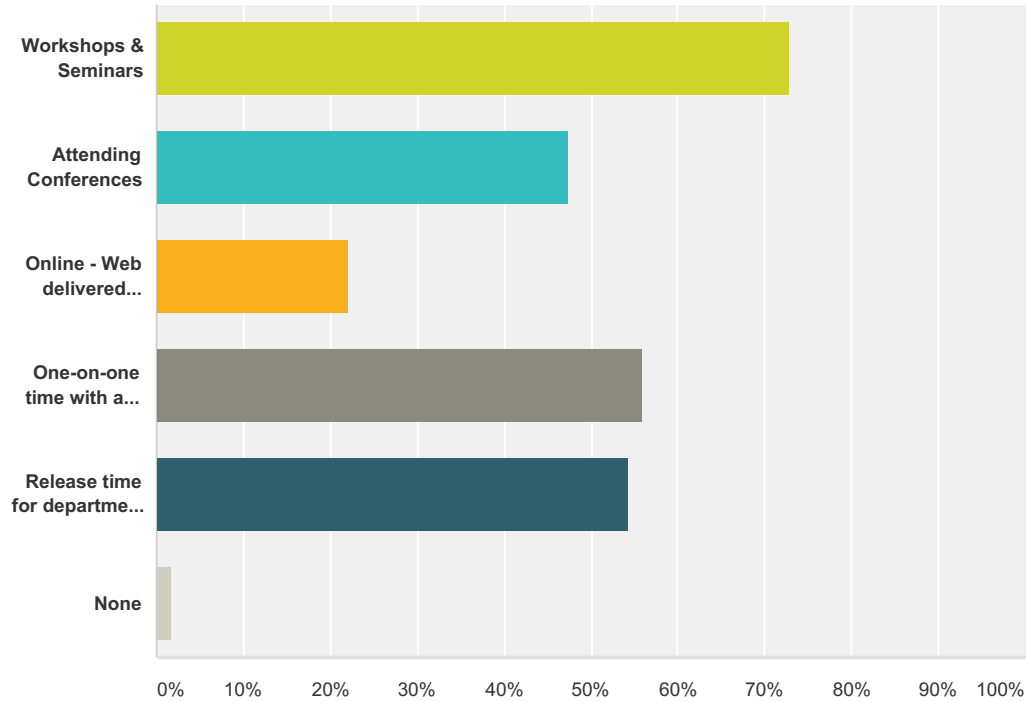
#	Responses	Date
1	How to integrate the use of iPads specifically in daily instruction. iPads were distributed, apps placed on iPads by grade level ability and need. But instruction or the time to become fluent of certain apps not provided .	2/7/2016 5:52 PM
2	I'm not sure	2/4/2016 12:41 PM
3	excell	2/4/2016 8:35 AM
4	How to integrate technology into physical education.	2/4/2016 8:30 AM
5	ldk	2/3/2016 6:45 PM
6	depends what was offered and how I would think it would enhance my teaching and student learning.	2/3/2016 6:00 PM
7	Google docs Iready (if we are continuing to use this) iPad apps	2/3/2016 4:12 PM
8	Not sure	2/3/2016 4:12 PM
9	iPad usage, google docs	2/3/2016 4:01 PM
10	Creating movies and slide show other than power point	2/3/2016 3:59 PM
11	Google classroom Office 365	2/3/2016 3:58 PM
12	Advanced webpage training	2/3/2016 3:52 PM
13	None as of now	2/3/2016 3:52 PM
14	Anything that enhances learning	2/3/2016 3:47 PM
15	New technologies	2/3/2016 3:46 PM
16	Podcasting	2/3/2016 3:43 PM
17	New apps	2/3/2016 3:37 PM
18	I don't know	2/3/2016 3:35 PM
19	More usable and appropriate technologies for pre-k age.	2/3/2016 3:30 PM
20	?	2/3/2016 3:26 PM
21	Benefits/uses/resources specific to my field (In the past we as a dept. have attended in-house training on software programs etc. that are of little benefit in our content area).	2/3/2016 1:07 PM
22	How to use classroom more effectively Make my website more useful for parents	2/3/2016 9:40 AM
23	Coding	2/3/2016 9:39 AM
24	None	2/3/2016 9:28 AM
25	More help with Google Docs.	2/3/2016 9:18 AM
26	unsure	2/1/2016 1:45 PM
27	Google chromebooks and tablets Google Apps- more on classroom, docs, sheets, etc.	1/22/2016 2:41 PM
28	na	1/21/2016 9:59 AM
29	none	1/21/2016 7:52 AM
30	Better use of google doc for things like student portfolio	1/21/2016 7:40 AM
31	depends on what if offered	1/21/2016 7:27 AM

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32	I would love to see us go paperless on many more things. I also would like more follow through with district initiatives. Google classroom has much to offer, but I would like ongoing consultation with someone so I can get feedback and guidance. I don't have time to "play around with it". I want quick help when I need it.	1/20/2016 10:27 PM
33	Google docs and spread sheets	1/20/2016 4:45 PM
34	Microsoft software	1/20/2016 4:15 PM
35	Better word processing on the iPad. Video editing etc on iPad or whatever platform we are using.	1/20/2016 4:11 PM
36	More content based material. I like to try things not just be given a lot of information on a program in a little bit of time.	1/20/2016 4:04 PM
37	better use excel	1/20/2016 3:54 PM
38	Excel, more educational iPad programs	1/20/2016 3:53 PM
39	Support in classroom topics	1/20/2016 3:53 PM
40	Programs for designing presentations.	1/20/2016 3:52 PM
41	incorporating technology into the classroom	1/20/2016 3:50 PM
42	Upper level technology with more power and options to facilitate student learning.	1/20/2016 3:50 PM
43	Making digital presentations We are exposed to a lot of new tecnology ideas, but do not have a lot of time to hone our skill and implement them	1/20/2016 3:49 PM
44	More understanding of some programs	1/20/2016 3:49 PM
45	Always up for ideas!	1/20/2016 3:46 PM
46	Google docs	1/20/2016 3:46 PM
47	Editing and online class like a edmodo	1/20/2016 3:46 PM
48	Not sure off the top of my head	1/20/2016 3:45 PM
49	none	1/20/2016 3:38 PM
50	Creating movies	1/20/2016 3:37 PM
51	Improve use of technology in classroom Find and use technology to help students with disabilities grow	1/20/2016 3:34 PM
52	Programs like emodo	1/20/2016 3:33 PM
53	N/a	1/20/2016 3:32 PM
54	Technology integration	1/20/2016 3:20 PM
55	More fluent in Office, mailmerges etc.	1/20/2016 3:15 PM
56	Pod casting News production	1/20/2016 3:15 PM
57	Fixes for issues on the classroom, so the students don't have to go without the iPad during instruction	1/20/2016 3:11 PM
58	Time to investigate and build lessons around the iPad.	1/20/2016 3:09 PM
59	Google Doc	1/20/2016 3:08 PM

Q32 If given a choice, what types of professional growth opportunities do you prefer to participate. Check all that apply.

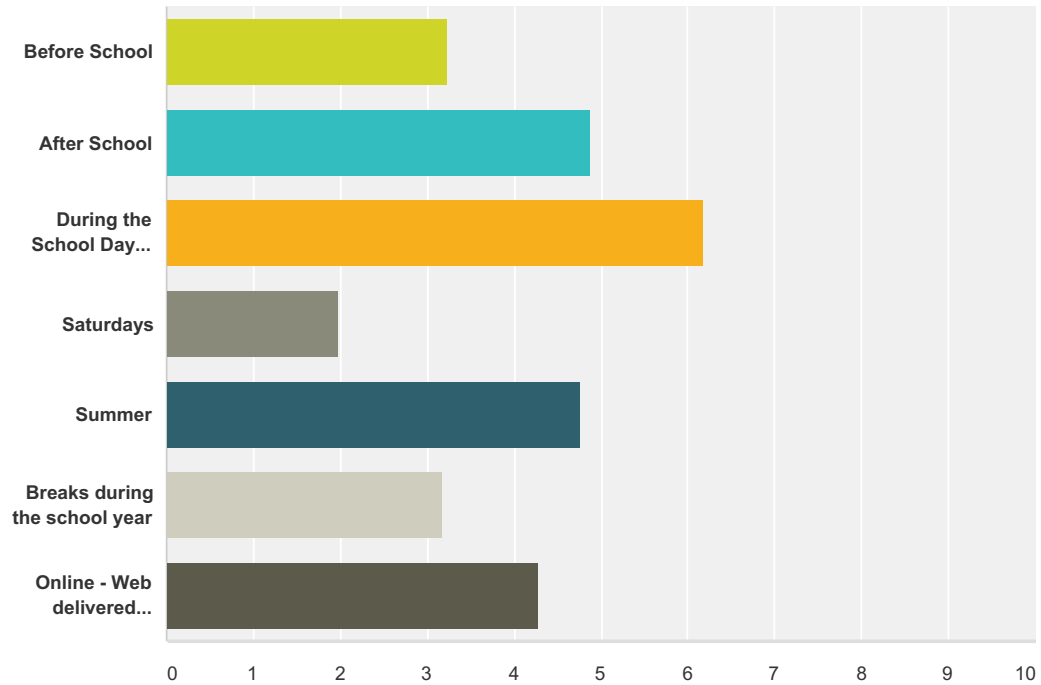
Answered: 59 Skipped: 4



Answer Choices	Responses	
Workshops & Seminars	72.88%	43
Attending Conferences	47.46%	28
Online - Web delivered professional development	22.03%	13
One-on-one time with a Technology Integrator on Staff	55.93%	33
Release time for department or grade level planning related to Technology	54.24%	32
None	1.69%	1
Total Respondents: 59		

Q33 When does professional development work best for you? (Rank in order of preference - 1 being most desirable to 7 being least desirable)

Answered: 59 Skipped: 4



	1	2	3	4	5	6	7	Total	Score
Before School	9.52% 4	9.52% 4	0.00% 0	19.05% 8	21.43% 9	19.05% 8	21.43% 9	42	3.24
After School	12.24% 6	34.69% 17	18.37% 9	10.20% 5	14.29% 7	8.16% 4	2.04% 1	49	4.88
During the School Day (release time)	66.67% 32	8.33% 4	12.50% 6	6.25% 3	2.08% 1	2.08% 1	2.08% 1	48	6.17
Saturdays	2.38% 1	2.38% 1	2.38% 1	2.38% 1	11.90% 5	30.95% 13	47.62% 20	42	1.98
Summer	19.15% 9	17.02% 8	27.66% 13	14.89% 7	6.38% 3	8.51% 4	6.38% 3	47	4.77
Breaks during the school year	2.17% 1	13.04% 6	10.87% 5	10.87% 5	23.91% 11	15.22% 7	23.91% 11	46	3.17
Online - Web delivered professional development on my own schedule	5.88% 3	15.69% 8	23.53% 12	29.41% 15	11.76% 6	7.84% 4	5.88% 3	51	4.27

Teacher Survey - Technology Audit

Q34 Please share your thoughts on any other technology related topic that this survey did not ask:

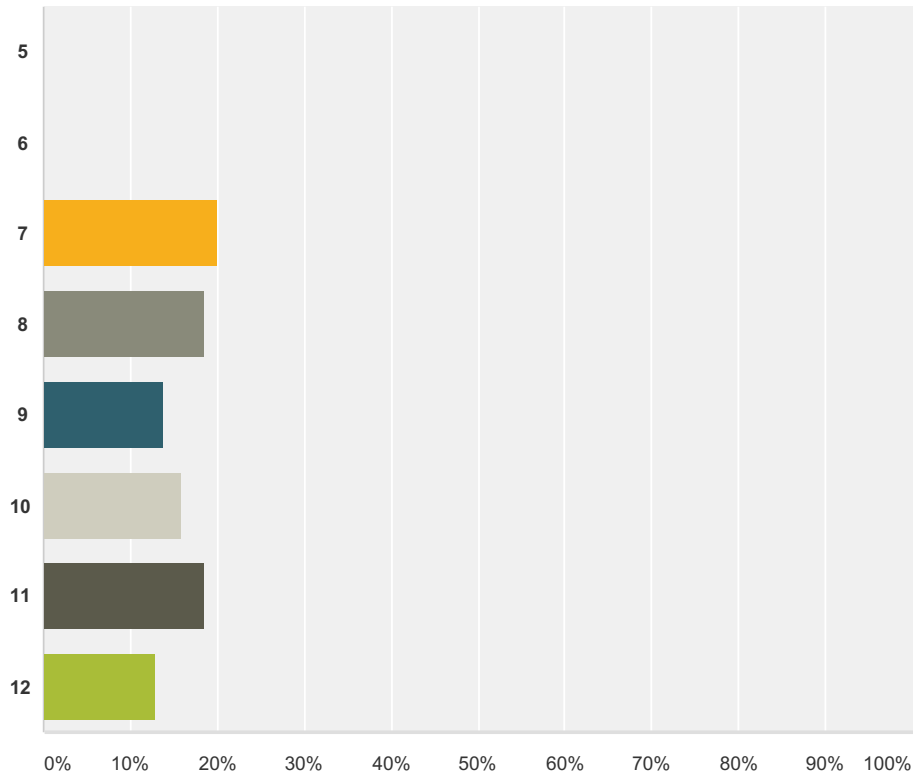
Answered: 14 Skipped: 49

#	Responses	Date
1	We need an actually tech teacher like we used to have. They met with us and worked with us during a regular scheduled specials time. It was a great tech experience for the students.	2/4/2016 8:35 AM
2	Full time technology integration is needed in our district, as well as a full time technology teacher in the elementary computer lab.	2/3/2016 3:52 PM
3	Related services will answer these questions differently than general education.	2/3/2016 3:26 PM
4	I would love to see the entire district on board with one kind of device, all use one mission control teacher/student center, and have all students and teachers use the same productivity tools.	1/22/2016 2:41 PM
5	What types of tech are other schools using, colleges, workplaces.... Funding available ...	1/21/2016 7:40 AM
6	Hire more tech support people. Get rid of the iPads.	1/21/2016 7:27 AM
7	Thanks for asking for input. It seems the end user is the last person considered on most tech issues, often ignored or forgotten. Availability and follow through have been very weak all year. We have good people and I appreciate their knowledge and skill. There just are not enough of them.	1/20/2016 10:27 PM
8	I think that we are failing our students by not teaching them research skills. Most students do not know how to find a book in the library let alone find a credible source on the internet.	1/20/2016 4:15 PM
9	Just want to note that not all our parents have internet/email access, even though I answered yes to communicating this way with parents, it doesn't include all parents. We need more technology help. We need more computer accessibility. Teachers need to be involved in decision making and be a part of the process instead of always putting the cart before the horse. Not all technology can be implemented in all subjects all the time - I like the ipads for math but ELA teachers struggle with the lack of keyboard for example. We need better control over student accessibility to different thing and filtering information.	1/20/2016 4:04 PM
10	Please do not go back to BOCES technicians. I like having our people who are in the building and invested in the district.	1/20/2016 3:52 PM
11	I feel that I utilize the technology offered by the school, but I wish that I had choices for other options and training or opportunities to learn new technology offerings across all curricular areas.	1/20/2016 3:50 PM
12	Would like time to align appropriate technology to my curriculum.	1/20/2016 3:49 PM
13	Students are using technology inappropriately. They are constantly playing games during instruction so it might be a better idea to eliminate the student's ability to download games. They are also finding ways to communicate with their peers through new apps that our tech department cannot keep up with. Eliminating their ability to download would help with this issue as well.	1/20/2016 3:34 PM
14	Our Technology department used to be known as the most modern and cutting edge in the area. Cuts have really hurt the department.	1/20/2016 3:15 PM

APPENDIX 4: Survey Results - Students

Q1 What grade are you in?

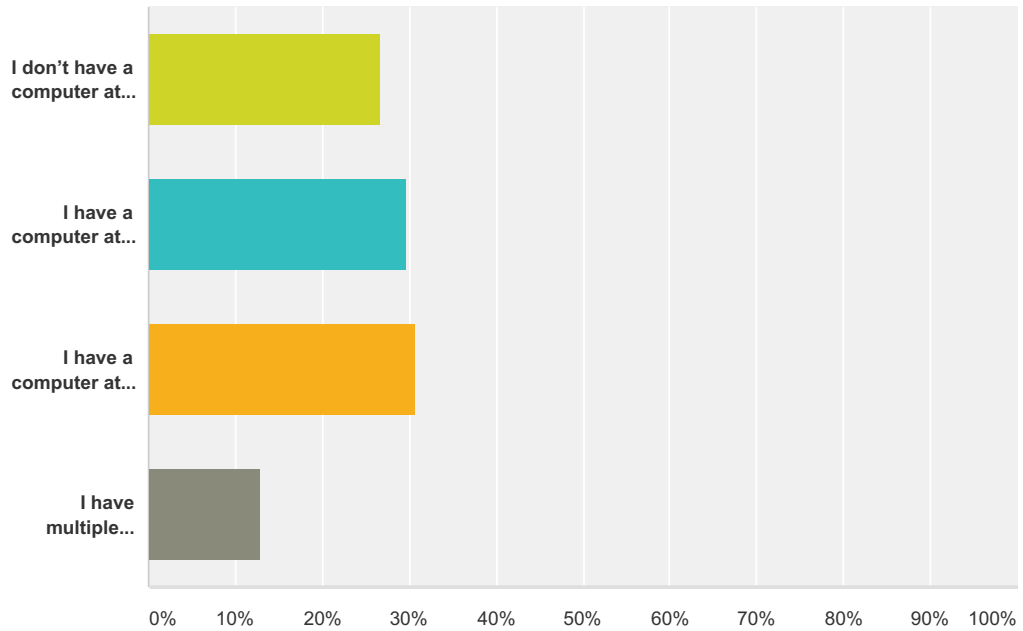
Answered: 209 Skipped: 0



Answer Choices	Responses	
5	0.00%	0
6	0.00%	0
7	20.10%	42
8	18.66%	39
9	13.88%	29
10	15.79%	33
11	18.66%	39
12	12.92%	27
Total		209

Q2 Do you have a computer at home?

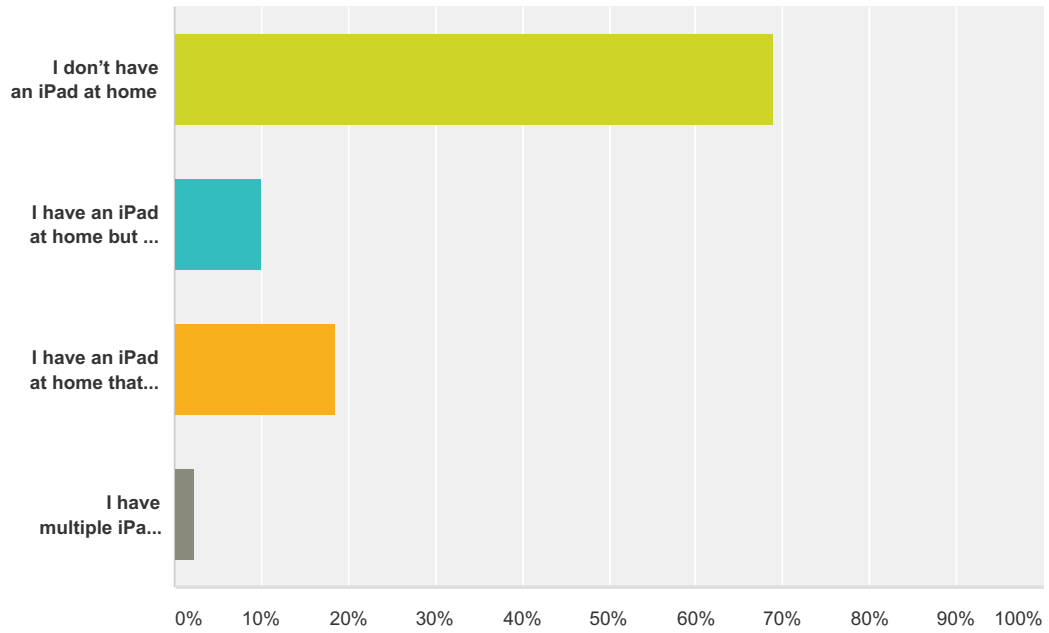
Answered: 209 Skipped: 0



Answer Choices	Responses	
I don't have a computer at home	26.79%	56
I have a computer at home but I don't use it	29.67%	62
I have a computer at home that I use	30.62%	64
I have multiple computers at home that I can use	12.92%	27
Total		209

Q3 Do you have an iPad at home?

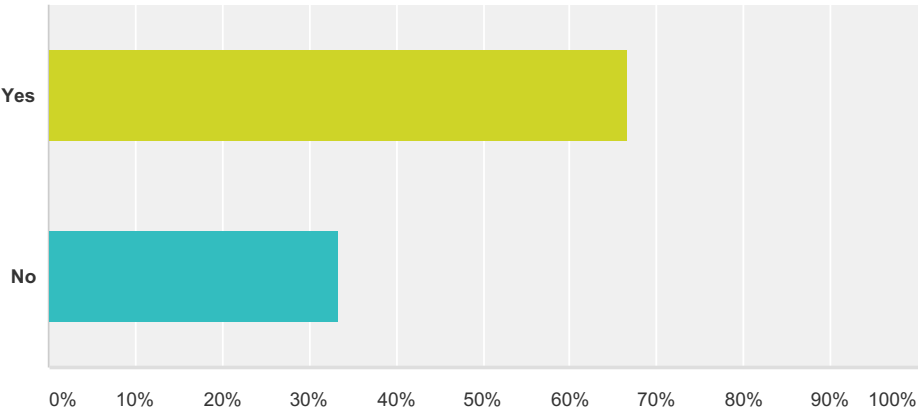
Answered: 209 Skipped: 0



Answer Choices	Responses	
I don't have an iPad at home	68.90%	144
I have an iPad at home but I don't use it	10.05%	21
I have an iPad at home that I use	18.66%	39
I have multiple iPads at home that I can use	2.39%	5
Total		209

Q4 Do you have Internet access at home?

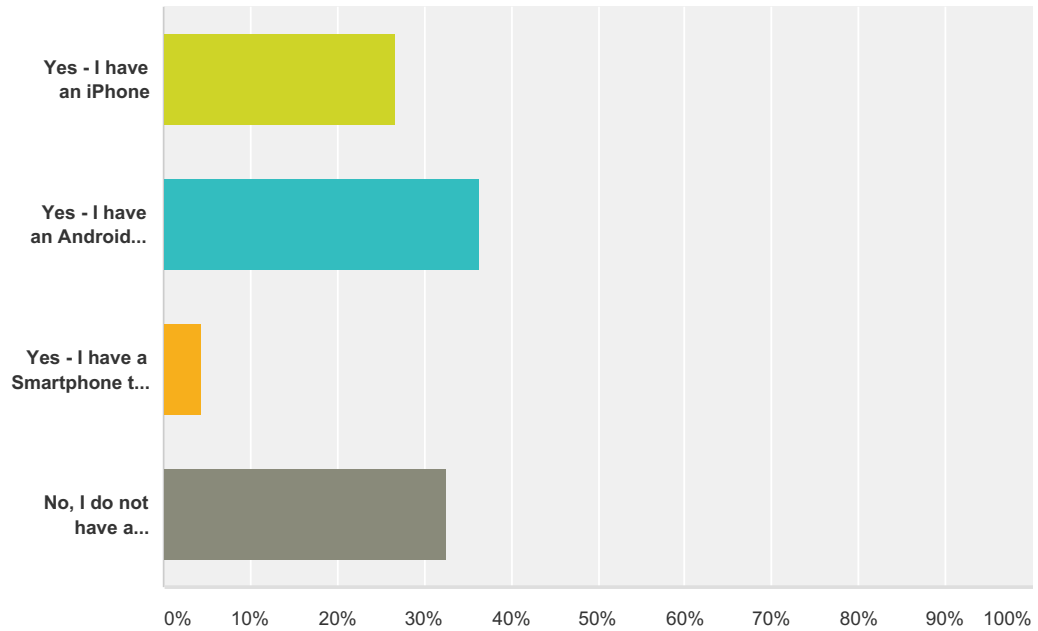
Answered: 209 Skipped: 0



Answer Choices	Responses	
Yes	66.51%	139
No	33.49%	70
Total		209

Q5 Do you own a Smartphone?

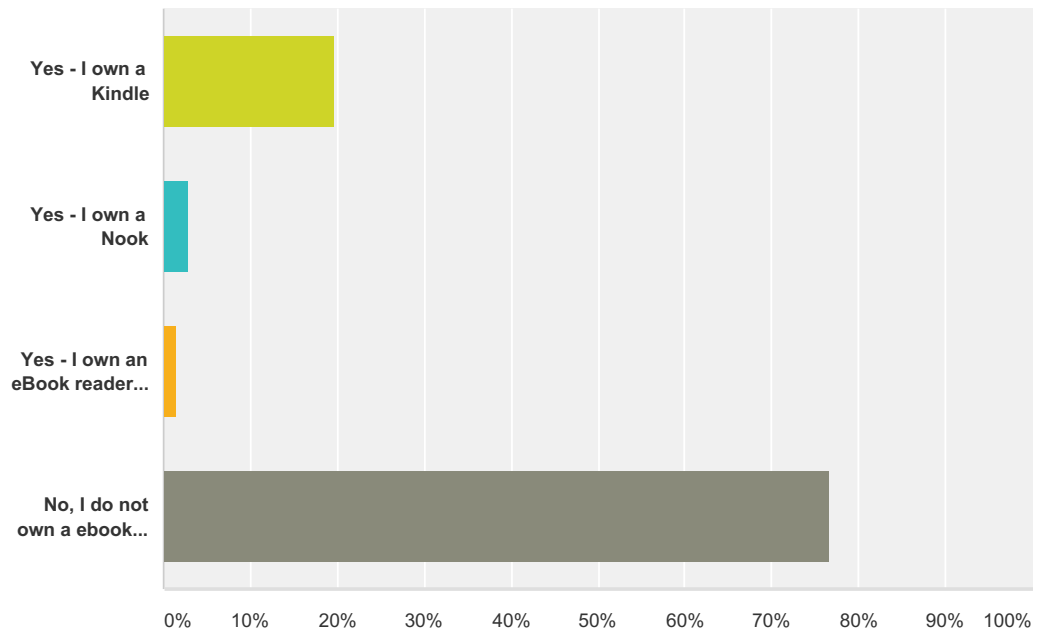
Answered: 209 Skipped: 0



Answer Choices	Responses	
Yes - I have an iPhone	26.79%	56
Yes - I have an Android Phone	36.36%	76
Yes - I have a Smartphone that is not an iPhone or Android	4.31%	9
No, I do not have a Smartphone	32.54%	68
Total		209

Q6 Do you own an ebook reader at home? Check all that apply

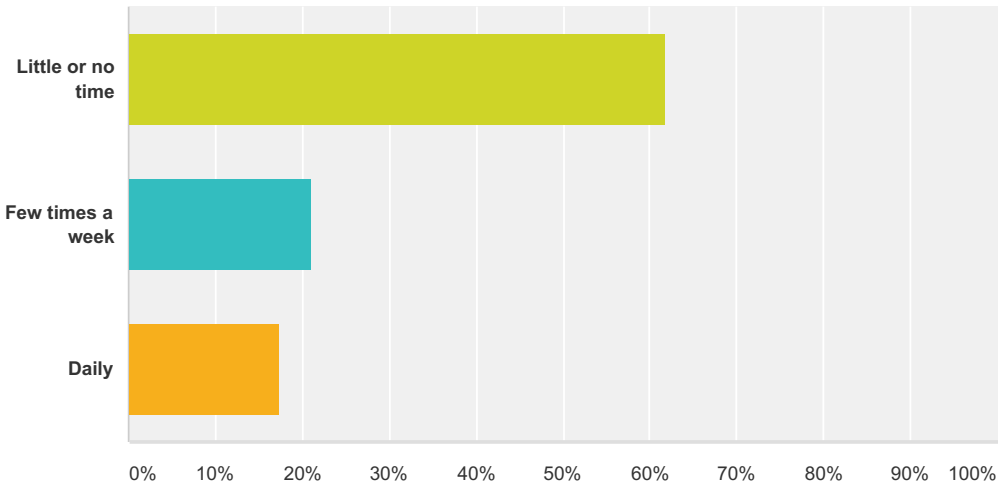
Answered: 209 Skipped: 0



Answer Choices	Responses	
Yes - I own a Kindle	19.62%	41
Yes - I own a Nook	2.87%	6
Yes - I own an eBook reader that is not a Kindle or a Nook	1.44%	3
No, I do not own a ebook reader	76.56%	160
Total Respondents: 209		

Q7 About how much time do you spend using a computer at home?

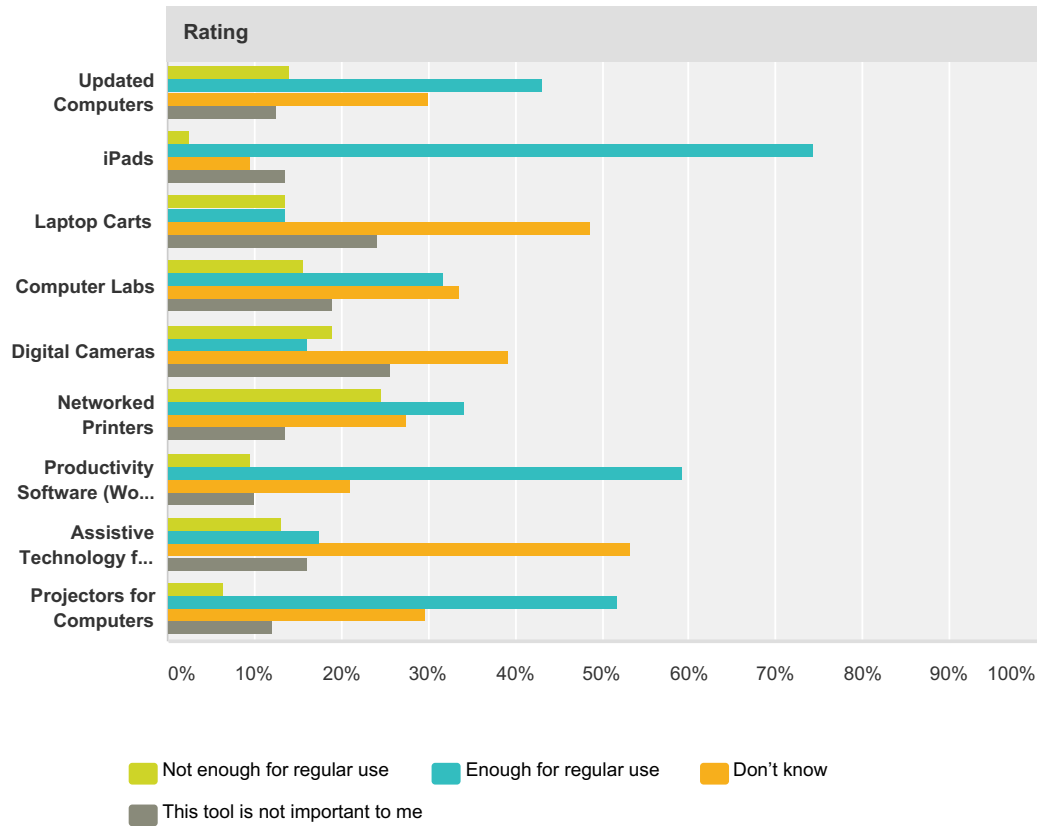
Answered: 209 Skipped: 0



Answer Choices	Responses	
Little or no time	61.72%	129
Few times a week	21.05%	44
Daily	17.22%	36
Total		209

Q8 Are there sufficient quantities of the following tools throughout the school to allow you to use them on a regular basis for learning activities?

Answered: 199 Skipped: 10



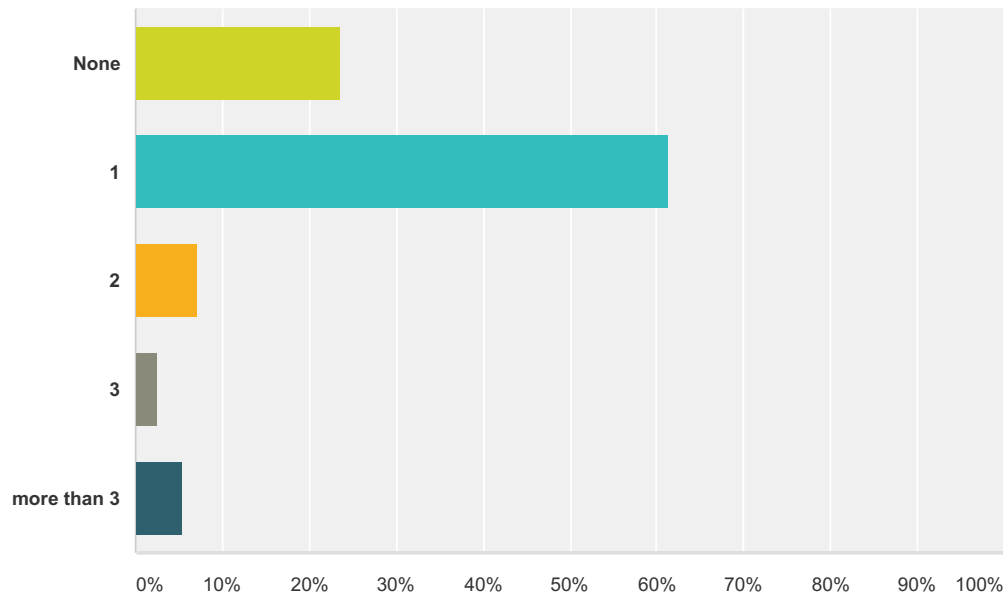
Rating					
	Not enough for regular use	Enough for regular use	Don't know	This tool is not important to me	Total
Updated Computers	14.07% 28	43.22% 86	30.15% 60	12.56% 25	199
iPads	2.51% 5	74.37% 148	9.55% 19	13.57% 27	199
Laptop Carts	13.57% 27	13.57% 27	48.74% 97	24.12% 48	199
Computer Labs	15.58% 31	31.66% 63	33.67% 67	19.10% 38	199
Digital Cameras	19.10% 38	16.08% 32	39.20% 78	25.63% 51	199
Networked Printers	24.62% 49	34.17% 68	27.64% 55	13.57% 27	199
Productivity Software (Word, Powerpoint, Excel, etc)	9.55% 19	59.30% 118	21.11% 42	10.05% 20	199

Student Survey - Technology Audit

Assistive Technology for special needs students	13.07% 26	17.59% 35	53.27% 106	16.08% 32	199
Projectors for Computers	6.53% 13	51.76% 103	29.65% 59	12.06% 24	199

Q9 How many computers do you have in most of your classrooms?

Answered: 199 Skipped: 10



Answer Choices	Responses	
None	23.62%	47
1	61.31%	122
2	7.04%	14
3	2.51%	5
more than 3	5.53%	11
Total		199

Student Survey - Technology Audit

Q10 Do you have any other comments about your access to technology in school?

Answered: 77 Skipped: 132

#	Responses	Date
1	I don't think we need iPads or computer I wish we could go back to paper and pencils	3/4/2016 9:23 AM
2	Should go back to paper and pencil.	3/3/2016 6:14 PM
3	Most students do not have internet more opportunities for Internet use or internet devices would help with projects and other homework Also school iPads should be set up so the students are able to print on their own And not have to ask for the teacher to print off stuff every time. Also students should be able to email each other but have it monitored. Student email between others would be helpful if a student is missing work or needs help on a problem but doesn't necessarily want to bother the teacher	3/3/2016 1:01 PM
4	Students have access to technology	3/3/2016 12:02 PM
5	Use more work based electronics not gaming/music electronics like the iPad	3/3/2016 11:48 AM
6	It's okay, but it's not the greatest for students that don't have up to date technology.	3/3/2016 10:06 AM
7	No	3/3/2016 9:17 AM
8	The schools Internet cuts out often.	3/3/2016 9:03 AM
9	I think they should give us laptops instead of iPads, I think the laptop would be better for student use.	3/3/2016 8:56 AM
10	No	3/3/2016 8:43 AM
11	The iPads glitch and don't always work. The iPads also cause a lot of head aches and eye sight problems.	3/3/2016 8:38 AM
12	No comments	3/3/2016 8:36 AM
13	Nope	3/3/2016 8:33 AM
14	The computers in the classrooms are for teachers only.	3/3/2016 8:32 AM
15	Not about accessing technology... But I Keep my iPad on low light and still get headaches from always looking down at light, I think iPads should be used less (they also can cause bad posture.)	3/3/2016 8:28 AM
16	My answer to 9. is the teachers computer.	3/3/2016 8:20 AM
17	I feel we have more then enough technology in school to get work, and other school related activities done.	3/3/2016 8:19 AM
18	All we have access to are iPads and once in a while a computer	3/3/2016 8:19 AM
19	No	3/3/2016 8:18 AM
20	Nope	3/3/2016 8:18 AM
21	No	3/3/2016 8:18 AM
22	No	3/3/2016 8:17 AM
23	No	3/3/2016 8:17 AM
24	Nothing	3/3/2016 8:01 AM
25	Can go on YouTube,download games and get to keep the iPad's over the Summer break to use it next year	3/3/2016 7:58 AM
26	More printers can help us to get more of our projects printed out, this way when the library is closed we can still get things done.	3/3/2016 7:58 AM
27	I wish we could print in color for class projects.	3/3/2016 7:57 AM
28	We need more Internet access! More Internet access more more more!!	3/3/2016 7:56 AM
29	No	3/3/2016 7:56 AM
30	We don't need iPads	3/3/2016 7:56 AM
31	Be able to download more entertaining apps	3/3/2016 7:55 AM

Student Survey - Technology Audit

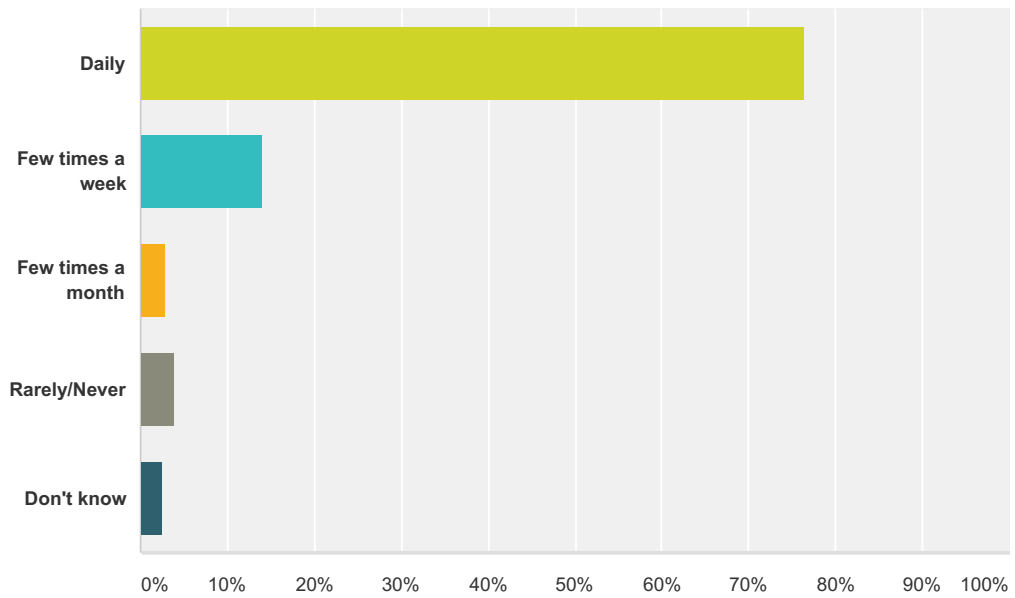
32	We should be able to get games on the iPad's because in study if we don't have a book and the library is closed and you have no homework we have nothing else to do and we get in trouble for just sitting around.	3/3/2016 7:55 AM
33	None	3/3/2016 7:55 AM
34	I want to return to paper.	3/3/2016 7:55 AM
35	I don't like the iPad's everything should go back to paper and pen so kids are not distracted to play games on them while in class.	3/3/2016 7:54 AM
36	It is difficult to get papers printed.	3/3/2016 7:54 AM
37	There needs to be more or better access to printers	3/3/2016 7:54 AM
38	No	3/3/2016 7:54 AM
39	It's difficult to have papers printed	3/3/2016 7:54 AM
40	Not enough computer rooms for student use, there needs to be a place that is always open and never used for testing for kids to productively work. This is not being done in this school because it seems as if the library is always being used for testing, which to say the least it the most bit of irritating.	3/3/2016 7:54 AM
41	Nope	3/3/2016 7:54 AM
42	eh	3/3/2016 7:54 AM
43	We should be able to access youtube, and the App Store	3/3/2016 7:53 AM
44	I don't know	3/3/2016 7:53 AM
45	No	3/3/2016 7:53 AM
46	We should be able to access YouTube and download games on iPad.	3/3/2016 7:52 AM
47	We should be able access videos, and play games	3/3/2016 7:52 AM
48	It's very easy to access technology in our school, we have iPads, netbooks,computers and many other forms of technology.	3/3/2016 7:52 AM
49	Let's go back to paper and pencil.	3/3/2016 7:52 AM
50	Not important to me.	3/3/2016 7:51 AM
51	We use iPads everyday in school.	3/3/2016 7:51 AM
52	No	3/3/2016 7:51 AM
53	No	3/3/2016 7:51 AM
54	No	3/3/2016 7:50 AM
55	No	3/3/2016 7:50 AM
56	The iPads gilities	3/3/2016 7:50 AM
57	No I don't	3/3/2016 7:50 AM
58	Computers can only be found in the Computer Lab, Library, or CAD room.	3/3/2016 7:50 AM
59	Need newer iPads. Seniors are starting to misfuction.	3/3/2016 7:50 AM
60	Better devises	3/3/2016 7:49 AM
61	The technology often malfunctions and the students need to use them but they often glitch or don't work properly.	3/3/2016 7:49 AM
62	We should be able to access YouTube and be able to download at least three or four apps of our choice.	3/3/2016 7:49 AM
63	We should have YouTube with an parental lock	3/3/2016 7:49 AM
64	No.	3/3/2016 7:49 AM
65	No	3/3/2016 7:49 AM
66	I want to be able to download free apps, and games.	3/3/2016 7:48 AM
67	We should be able to acces YouTube!	3/3/2016 7:48 AM
68	No	3/3/2016 7:48 AM

Student Survey - Technology Audit

69	No	3/3/2016 7:48 AM
70	No	3/3/2016 7:47 AM
71	The iPad's sometimes have many problems and our school procrastinates on fixing them.	3/3/2016 7:47 AM
72	No	3/3/2016 7:47 AM
73	Helps learn new tools and new things!	3/3/2016 7:46 AM
74	No	3/3/2016 7:46 AM
75	?	3/3/2016 7:46 AM
76	Library or Big Study Hall need to be more available to students through out the day.	3/3/2016 7:45 AM
77	There should be more printers it is hard to print things out unless you are able to go to the library. There are no colored printers either besides in the art room.	3/3/2016 7:45 AM

Q11 About how much time each week does you use technology in the classroom?

Answered: 199 Skipped: 10

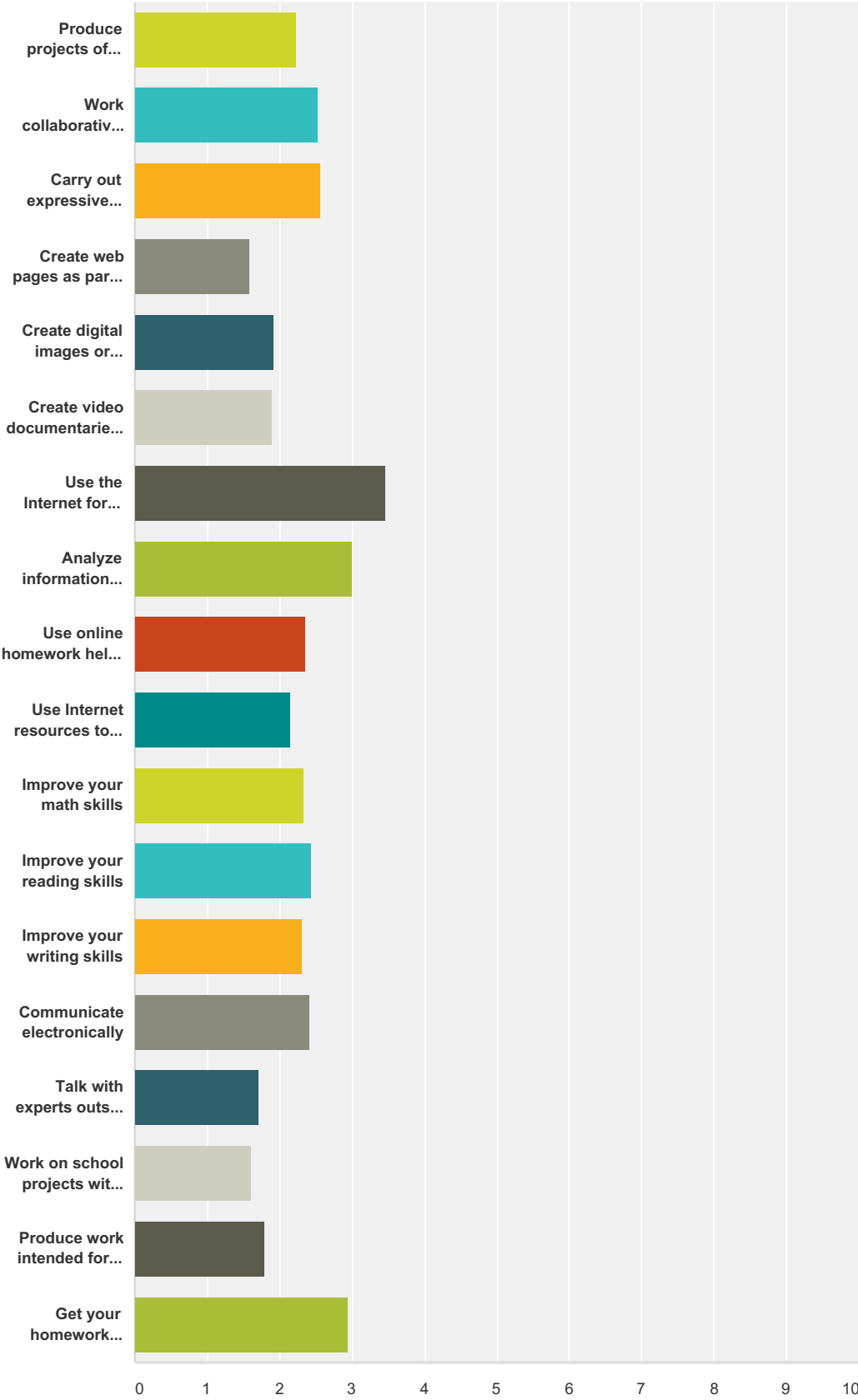


Answer Choices	Responses	
Daily	76.38%	152
Few times a week	14.07%	28
Few times a month	3.02%	6
Rarely/Never	4.02%	8
Don't know	2.51%	5
Total		199

Q12 How often do you use technology to:

Answered: 192 Skipped: 17

Student Survey - Technology Audit



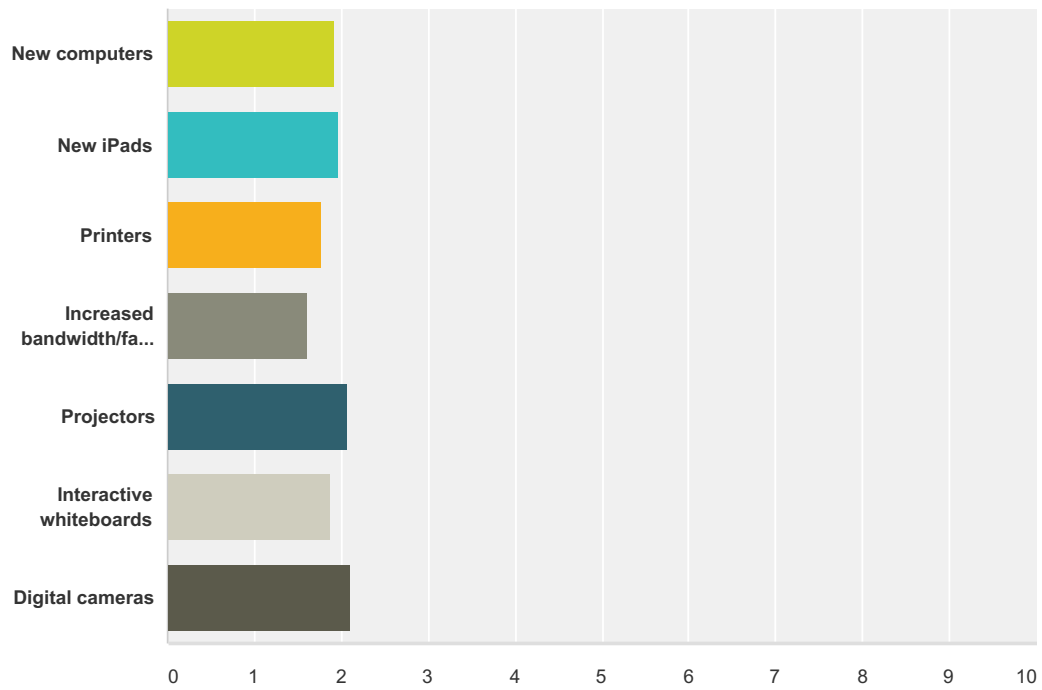
	Never	Rarely	Few times a week	Every Day	Not Applicable	Total	Weighted Average
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Student Survey - Technology Audit

Produce projects of your own design	18.32% 35	47.64% 91	27.23% 52	6.28% 12	0.52% 1	191	2.23
Work collaboratively on projects	7.29% 14	43.23% 83	40.10% 77	7.81% 15	1.56% 3	192	2.53
Carry out expressive writing assignments	13.51% 25	31.89% 59	40.00% 74	12.97% 24	1.62% 3	185	2.57
Create web pages as part of your classwork	63.49% 120	24.34% 46	5.29% 10	4.76% 9	2.12% 4	189	1.58
Create digital images or graphs to illustrate your work	40.84% 78	35.08% 67	17.28% 33	4.19% 8	2.62% 5	191	1.93
Create video documentaries or animations for school projects	38.10% 72	44.97% 85	10.05% 19	3.70% 7	3.17% 6	189	1.89
Use the Internet for research	2.65% 5	8.47% 16	31.75% 60	55.03% 104	2.12% 4	189	3.46
Analyze information found on the web	7.49% 14	21.93% 41	35.83% 67	32.09% 60	2.67% 5	187	3.01
Use online homework help sites or software	29.47% 56	27.37% 52	22.63% 43	18.42% 35	2.11% 4	190	2.36
Use Internet resources to predict real world changes (for example, using information about populations to predict which country will become biggest)	33.86% 64	34.92% 66	15.34% 29	12.70% 24	3.17% 6	189	2.16
Improve your math skills	28.27% 54	30.89% 59	22.51% 43	16.23% 31	2.09% 4	191	2.33
Improve your reading skills	24.74% 47	30.53% 58	21.58% 41	21.05% 40	2.11% 4	190	2.45
Improve your writing skills	28.72% 54	30.85% 58	22.34% 42	15.43% 29	2.66% 5	188	2.32
Communicate electronically	30.85% 58	21.81% 41	24.47% 46	20.21% 38	2.66% 5	188	2.42
Talk with experts outside the school using email, videoconferencing, etc.	62.83% 120	17.80% 34	9.42% 18	5.24% 10	4.71% 9	191	1.71
Work on school projects with adults from the community	61.26% 117	24.61% 47	7.85% 15	4.19% 8	2.09% 4	191	1.61
Produce work intended for audiences beyond the classroom such as other grades, other schools, or the community	50.79% 97	29.32% 56	12.04% 23	5.24% 10	2.62% 5	191	1.80
Get your homework assignments from your Teacher's website.	13.54% 26	16.67% 32	34.90% 67	31.77% 61	3.13% 6	192	2.94

Q13 Where would you most like to see additional resources put?

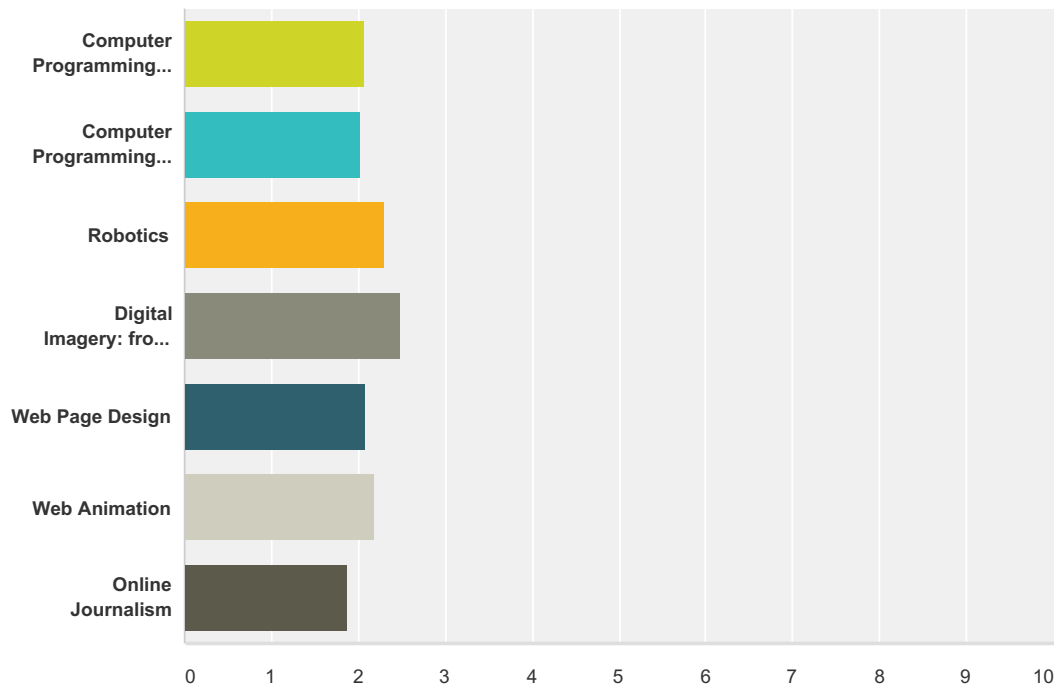
Answered: 192 Skipped: 17



	Immediately	Over the next five years	Not at all	Total	Weighted Average
New computers	27.08% 52	53.65% 103	19.27% 37	192	1.92
New iPads	32.81% 63	38.54% 74	28.65% 55	192	1.96
Printers	39.58% 76	44.27% 85	16.15% 31	192	1.77
Increased bandwidth/faster connection	53.65% 103	32.81% 63	13.54% 26	192	1.60
Projectors	21.88% 42	50.52% 97	27.60% 53	192	2.06
Interactive whiteboards	34.90% 67	42.71% 82	22.40% 43	192	1.88
Digital cameras	21.35% 41	46.88% 90	31.77% 61	192	2.10

Q14 Please indicate your level of interest in the following courses:

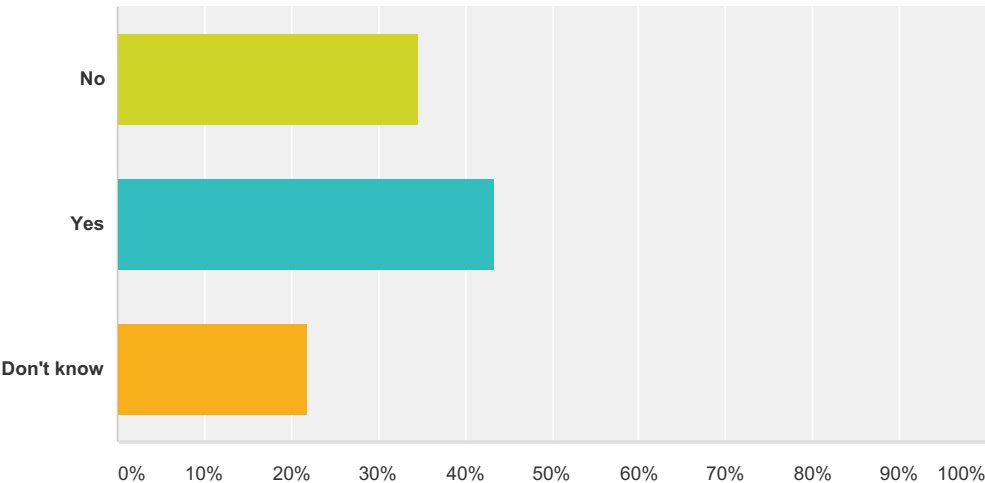
Answered: 192 Skipped: 17



	Not interested	Slightly interested	Somewhat interested	Moderately interested	Very Interested	Total	Weighted Average
Computer Programming (Intro)	54.17% 104	14.58% 28	11.46% 22	9.38% 18	10.42% 20	192	2.07
Computer Programming (Advanced)	56.02% 107	14.14% 27	12.04% 23	7.85% 15	9.95% 19	191	2.02
Robotics	47.03% 87	14.05% 26	15.14% 28	10.27% 19	13.51% 25	185	2.29
Digital Imagery: from Photos to Movies	36.98% 71	17.71% 34	16.15% 31	17.19% 33	11.98% 23	192	2.49
Web Page Design	52.88% 101	13.61% 26	14.66% 28	9.95% 19	8.90% 17	191	2.08
Web Animation	48.17% 92	15.71% 30	14.14% 27	12.57% 24	9.42% 18	191	2.19
Online Journalism	61.46% 118	15.10% 29	7.29% 14	7.29% 14	8.85% 17	192	1.87

Q15 Do you think the internet safe-guards are sufficient in your school?

Answered: 191 Skipped: 18



Answer Choices	Responses	
No	34.55%	66
Yes	43.46%	83
Don't know	21.99%	42
Total		191

Student Survey - Technology Audit

Q16 How could more technology improve your grades, your writing skills, or your test scores (such as SAT)?

Answered: 128 Skipped: 81

#	Responses	Date
1	They wont improve my grades because i like using paper and pencil more than ipads because i learn better with paper and pencil	3/4/2016 9:30 AM
2	I don't know I learn better by doing work on paper	3/3/2016 10:36 PM
3	Let's go back to paper and pencil.	3/3/2016 6:18 PM
4	The iPad's aren't helping except for my writing it gets a little better on the iPad	3/3/2016 12:02 PM
5	It can be a distraction	3/3/2016 12:01 PM
6	Technology is a growing part of to today's society and is being integrated into everyday life.	3/3/2016 10:11 AM
7	I don't like using the Internet for school work I like paper better	3/3/2016 9:48 AM
8	Technology would not improve grades, in fact it decreases most grades because most students dislike technology. Paper is efficient and better to work with than an a piece of technology that can wipe out all information in a split second.	3/3/2016 9:24 AM
9	Allowing access to Internet to research and allow kids to have an easy access to writing projects.	3/3/2016 9:12 AM
10	If we had internet at home we could do research at home getting us better grades because we had more time to do work.	3/3/2016 9:09 AM
11	I have no idea.	3/3/2016 9:02 AM
12	Have a better wifi connection to be able to get the work done.	3/3/2016 8:52 AM
13	I don't know	3/3/2016 8:46 AM
14	My hand writing has gotten worst since wwe started using iPad, my grades could improve if we got rid of them because I wouldn't need Internet for homework, and my test scores would probably get worse.	3/3/2016 8:45 AM
15	Idk	3/3/2016 8:43 AM
16	Less blocked websites could help me look up information about homework and up coming tests	3/3/2016 8:41 AM
17	Get rid of the iPads! They are useless!	3/3/2016 8:41 AM
18	Don't know	3/3/2016 8:37 AM
19	Have more resources to use and could study more efficiently.	3/3/2016 8:36 AM
20	Allows you to look up information and have all of the studying guides in one device	3/3/2016 8:34 AM
21	Block out all games on the iPads for younger kids	3/3/2016 8:34 AM
22	I don't know	3/3/2016 8:28 AM
23	Don't know	3/3/2016 8:25 AM
24	More resources such as more ways to solve a problem in different ways	3/3/2016 8:25 AM
25	It could improve our grades by looking back and studying the worm we have done.	3/3/2016 8:25 AM
26	It could help with online studie	3/3/2016 8:24 AM
27	Dont know	3/3/2016 8:24 AM
28	I think technology is useful to improve my grade because I need the Internet to do a lot of research.	3/3/2016 8:24 AM
29	Get laptops they are more compatible	3/3/2016 8:24 AM
30	I don't really know because I hardly ever use technology to help me with my homework so that I learn things by myself.	3/3/2016 8:23 AM

Student Survey - Technology Audit

31	You can do the research for those things using the iPads, computers, etc.	3/3/2016 8:22 AM
32	It doesn't I hate my I pad it glitches	3/3/2016 8:19 AM
33	I don't know	3/3/2016 8:10 AM
34	We can do more research when needed, and we can apply the research to our classes when needed.	3/3/2016 8:07 AM
35	Easier tests	3/3/2016 8:05 AM
36	Connecting with other 7th graders	3/3/2016 8:05 AM
37	I could use more online resources to teach me how to do some things more sufficiently	3/3/2016 8:05 AM
38	Teach us how to type faster, and help us with practice test online	3/3/2016 8:04 AM
39	Easier to do	3/3/2016 8:04 AM
40	Paintball Team and Course and more Internet access	3/3/2016 8:04 AM
41	Not sure	3/3/2016 8:04 AM
42	More studying, easier access to grades and assignments	3/3/2016 8:03 AM
43	Don't know	3/3/2016 8:03 AM
44	Shorter articles to read online	3/3/2016 8:02 AM
45	Not blocking every website that will help me	3/3/2016 8:02 AM
46	More resources (tech) like printers can help us study for SAT	3/3/2016 8:01 AM
47	Maybe a video	3/3/2016 8:00 AM
48	You can get better grades because all the answers for homework sometimes are on line.	3/3/2016 8:00 AM
49	Idk	3/3/2016 8:00 AM
50	Not really but kinda	3/3/2016 8:00 AM
51	Paintball Team and Course!	3/3/2016 7:59 AM
52	Using the technology is more difficult. I prefer paper.	3/3/2016 7:59 AM
53	Show the students	3/3/2016 7:58 AM
54	Make books available on the iPads, have students use Microsoft Word and Pages to make creative reading and writing assignments for classes.	3/3/2016 7:58 AM
55	It can't paper and pencil can	3/3/2016 7:58 AM
56	More technology could improve grades, writing skills, and test scores in our school because it would open up new opportunities.	3/3/2016 7:58 AM
57	Quizlet	3/3/2016 7:58 AM
58	I don't know.	3/3/2016 7:58 AM
59	It will make it easier for us to understand	3/3/2016 7:58 AM
60	To have laptops to improve our typing skills and our test scores because there's no app games.	3/3/2016 7:58 AM
61	Can't.	3/3/2016 7:58 AM
62	It can help you study	3/3/2016 7:58 AM
63	Connecting to different schools to see how they do things	3/3/2016 7:57 AM
64	connecting with people from other schools.	3/3/2016 7:57 AM
65	Downloading apps YouTube Computer instead of iPad	3/3/2016 7:57 AM
66	Practice tests online	3/3/2016 7:57 AM
67	Doing sat stuff on the iPad	3/3/2016 7:57 AM
68	More math apps and stuff	3/3/2016 7:57 AM
69	New ways of studying could be made with better technology, and with new ways of studying, that should improve your grades depending on your interest level of the new form of studying.	3/3/2016 7:57 AM

Student Survey - Technology Audit

70	More technology could help you improve your grades because it could help you study better.	3/3/2016 7:57 AM
71	It won't	3/3/2016 7:57 AM
72	I don't know	3/3/2016 7:57 AM
73	Downloading apps, YouTube access	3/3/2016 7:56 AM
74	It wouldn't really.	3/3/2016 7:56 AM
75	So if something goes down we will have other things to use for that project.	3/3/2016 7:56 AM
76	Not blocking every website.	3/3/2016 7:56 AM
77	It could help you study for exams or get extra help.	3/3/2016 7:56 AM
78	More access to study,	3/3/2016 7:56 AM
79	I don't think it will effect any of anything and that it will help because we can research for what we don't know and for our research projects.	3/3/2016 7:55 AM
80	It could make us practice on a app to help us.	3/3/2016 7:55 AM
81	Take it step by step.	3/3/2016 7:55 AM
82	With more help within our learning area	3/3/2016 7:55 AM
83	Can ask questions.	3/3/2016 7:55 AM
84	The easier ability to study	3/3/2016 7:55 AM
85	I thin that it would be easier to take a test online than to take on paper	3/3/2016 7:55 AM
86	Be able to look up older tests online	3/3/2016 7:55 AM
87	If the iPad's actually connect to home wifi probably a lot better.	3/3/2016 7:55 AM
88	More technology could improve our grades and skills because we could look up how to do something or do research from reliable sources to help us with projects or homework.	3/3/2016 7:54 AM
89	They could put some of our study guides online for us to study with.	3/3/2016 7:54 AM
90	It could help with research and planing	3/3/2016 7:54 AM
91	We can look up information about things and learn about them.	3/3/2016 7:54 AM
92	No	3/3/2016 7:54 AM
93	More internet access.	3/3/2016 7:54 AM
94	The more we are allowed to look up old SAT tests the better we can study for them.	3/3/2016 7:54 AM
95	You could use websites that offer practice tests.	3/3/2016 7:54 AM
96	It can't.	3/3/2016 7:54 AM
97	I don't know	3/3/2016 7:54 AM
98	I don't think it will help with some grades	3/3/2016 7:54 AM
99	Don't know.	3/3/2016 7:54 AM
100	Use less of the IPads and more paper work.	3/3/2016 7:54 AM
101	You could look on other websites and see if there are other viewpoints that can help you with homework, projects, etc.	3/3/2016 7:54 AM
102	People opinions	3/3/2016 7:53 AM
103	More apps to help us better like a math app to practice things	3/3/2016 7:53 AM
104	It can't	3/3/2016 7:53 AM
105	Access to study	3/3/2016 7:53 AM
106	Lessons on line, outline from other internet examples	3/3/2016 7:53 AM
107	N/a	3/3/2016 7:53 AM
108	It could help me because it would give me more tools to work with	3/3/2016 7:53 AM

Student Survey - Technology Audit

109	More technology equals more essays- more math problems, and more work all around.	3/3/2016 7:52 AM
110	I don't think technology helps improve my grades. They may help when I need to look something up but I like sticking to paper and old school learning	3/3/2016 7:52 AM
111	It would increase my opportunities and resources giving me a better chance of higher scores.	3/3/2016 7:52 AM
112	Don't know	3/3/2016 7:52 AM
113	It doesn't I like paper the iPads have to many problems and can't use them because they don't have Internet outside of school.	3/3/2016 7:52 AM
114	It will not	3/3/2016 7:51 AM
115	.	3/3/2016 7:51 AM
116	So we can do things on more than one device.	3/3/2016 7:50 AM
117	Not shure	3/3/2016 7:50 AM
118	It makes it easy for students to use the Internet to do research and study for different subjects such as the SAT.	3/3/2016 7:50 AM
119	More opportunities for research.	3/3/2016 7:50 AM
120	More websites for help	3/3/2016 7:50 AM
121	Very much	3/3/2016 7:49 AM
122	Idk	3/3/2016 7:49 AM
123	I don't think the technology is good for writing	3/3/2016 7:48 AM
124	I can help you find how to do things on the Internet.	3/3/2016 7:48 AM
125	?	3/3/2016 7:48 AM
126	Khan Academy customized test	3/3/2016 7:48 AM
127	They can't	3/3/2016 7:47 AM
128	You can look up good essays and learn the formatting.	3/3/2016 7:47 AM

Q17 What needs to happen in your school so that you can use technology better for learning?

Answered: 133 Skipped: 76

#	Responses	Date
1	I th Nk we need to get rid of the ipads	3/4/2016 9:30 AM
2	I don't know	3/3/2016 10:36 PM
3	Get rid of technology.	3/3/2016 6:18 PM
4	Less safe guards some of the sites we try to use that are educational are blocked	3/3/2016 1:05 PM
5	The students need to stop neglecting the privilege of having an iPad for work, all students do is play games but they are so accessible	3/3/2016 12:02 PM
6	Get rid of the iPads	3/3/2016 12:01 PM
7	Better spending on what technology to give students so they can have better access to it outside the classroom.	3/3/2016 10:11 AM
8	Get better programs	3/3/2016 9:48 AM
9	To have less technology use, it can be distracting in class and confusing, most of the time students spend half their class time just trying to figure out how to use whatever program that may be used at the time. Also the school changes the program's every year so it's hard to keep up.	3/3/2016 9:24 AM
10	I have no idea.	3/3/2016 9:12 AM
11	The school needs to get rid of the iPads and give us back laptops, the laptops are better than the iPads.	3/3/2016 9:09 AM
12	Less web filters.	3/3/2016 9:02 AM
13	Have better wifi connection.	3/3/2016 8:52 AM
14	Don't use technology at all	3/3/2016 8:46 AM
15	Computers should be used once in a while, and we shouldn't be dependent on the iPads.	3/3/2016 8:45 AM
16	Idk	3/3/2016 8:43 AM
17	I think we shouldn't have as many blocked webpages.	3/3/2016 8:41 AM
18	I rather learn from books not technology	3/3/2016 8:41 AM
19	Don't know	3/3/2016 8:37 AM
20	I don't know?	3/3/2016 8:36 AM
21	More computers with better softwares need to be available. The library shouldn't be the on,y computer lab because it is not always open.	3/3/2016 8:34 AM
22	I don't like using technology to learn	3/3/2016 8:34 AM
23	Not about using tech. Better but just a comment...I Keep my iPad on low light and still get headaches/eyeaches from always looking down at light, I think iPads should be used less (they also can cause bad posture.) although they are nice as far as being able to store work instead of carrying it around everywhere.	3/3/2016 8:32 AM
24	The 7th and 8th graders need better I pads	3/3/2016 8:28 AM
25	Don't know	3/3/2016 8:25 AM
26	More ways to do a problem	3/3/2016 8:25 AM
27	I don't think anything needs to happen for I think that we do enough with technology	3/3/2016 8:25 AM
28	Safe school apps or online sights	3/3/2016 8:24 AM
29	The Internet connection needs to be updating because it runs slowly.	3/3/2016 8:24 AM
30	Get laptops more comparable and able to do more	3/3/2016 8:24 AM

Student Survey - Technology Audit

31	If anything, I think it would be access to more sites that could be sufficient.	3/3/2016 8:23 AM
32	We need better wi-fi.	3/3/2016 8:22 AM
33	New I pads	3/3/2016 8:19 AM
34	The school can help you use that technology to improve your learning skills and keep your grades up	3/3/2016 8:10 AM
35	Have iPad or some other forms of technology in each classroom, so that when students forget their iPad they can still do class work.	3/3/2016 8:07 AM
36	More on the iPads	3/3/2016 8:05 AM
37	Better IPads	3/3/2016 8:05 AM
38	More access to web pages needed for research or help	3/3/2016 8:05 AM
39	The school could unblock a lot of the websites that they do block. Also educational website/ videos should be unblocked.	3/3/2016 8:04 AM
40	Paintball team and course	3/3/2016 8:04 AM
41	Paintball team and course, and more Internet access	3/3/2016 8:04 AM
42	Faster internet, access to more printers	3/3/2016 8:04 AM
43	Better internet	3/3/2016 8:03 AM
44	Faster internet	3/3/2016 8:03 AM
45	Simple fixes	3/3/2016 8:02 AM
46	Have more access to computers	3/3/2016 8:02 AM
47	We need colored printers to study and have paper to study at home	3/3/2016 8:01 AM
48	I don't know	3/3/2016 8:00 AM
49	First week of school have a how to use your iPad class or one on one with someone who knows how to use it very well.	3/3/2016 8:00 AM
50	Let us use it outside of school	3/3/2016 8:00 AM
51	iPhones	3/3/2016 8:00 AM
52	Paintball Team and Course!	3/3/2016 7:59 AM
53	Not rely on the iPads for everything. Go back and forth between iPads and paper	3/3/2016 7:59 AM
54	We need YouTube so we can look up tutoring videos for each class	3/3/2016 7:59 AM
55	No more saying that there is no connection	3/3/2016 7:58 AM
56	Introduction to apps that we (as students) don't know how to use, encourage more technology usage for writing and reading (and creative spreadsheets on Excel), AutoCad in Technology, and blocking some games (which might cause a distraction) on student iPads. The school could also discontinue apps that we do not use.	3/3/2016 7:58 AM
57	Nothing	3/3/2016 7:58 AM
58	we have alot of tecnology already but we could use interactive white boards to make kids like us more intersted in our schoolwork.	3/3/2016 7:58 AM
59	More learning apps	3/3/2016 7:58 AM
60	It's hard to look up things when more then half the sites are blocked, it's complicated to do projects and other class work	3/3/2016 7:58 AM
61	I don't know.	3/3/2016 7:58 AM
62	We need faster internet connections	3/3/2016 7:58 AM
63	Better internet	3/3/2016 7:58 AM
64	Technology won't improve my learning. I need paper.	3/3/2016 7:58 AM
65	Simple/fast fixing	3/3/2016 7:57 AM
66	Know the password just for the school iPads or simple fixes.	3/3/2016 7:57 AM

Student Survey - Technology Audit

67	Simple fixes	3/3/2016 7:57 AM
68	Teachers need to use it more sufficiently	3/3/2016 7:57 AM
69	Do more teaching on it	3/3/2016 7:57 AM
70	Newer iPads and stuff	3/3/2016 7:57 AM
71	Get rid of the teachers.	3/3/2016 7:57 AM
72	Get more technology like smart boards.	3/3/2016 7:57 AM
73	I don't know	3/3/2016 7:57 AM
74	I don't know	3/3/2016 7:57 AM
75	Learn Simple fixes	3/3/2016 7:56 AM
76	Simple fixes	3/3/2016 7:56 AM
77	Less blocks you block sites that are useful for education and learning.	3/3/2016 7:56 AM
78	Internet on the iPad's so I can do my homework at home I don't have Internet access so it's hard to do assignments sometimes.	3/3/2016 7:56 AM
79	Better apps on the iPad's that we actually use and help us.	3/3/2016 7:56 AM
80	Mentioned before about a study room other than the library that is always open.	3/3/2016 7:56 AM
81	Do simple fixes	3/3/2016 7:55 AM
82	They need to make a computer coding and programming and to design web cartoons	3/3/2016 7:55 AM
83	Make it so we can watch certain videos. So when the teachers teaches us and we don't understand it, we can watch videos to try to learn it or understand it.	3/3/2016 7:55 AM
84	Get more computers	3/3/2016 7:55 AM
85	I don't know.	3/3/2016 7:55 AM
86	Faster internet	3/3/2016 7:55 AM
87	Better technology/I pads	3/3/2016 7:55 AM
88	More time to learn how to work the technology	3/3/2016 7:55 AM
89	Keep getting up dated technology and stop using old ones that hardly work for people at home, or freezes.	3/3/2016 7:55 AM
90	Access to other sites such as YouTube to help us with school projects. They should also make wifi access faster so we can get things done!	3/3/2016 7:54 AM
91	Do simple fixes	3/3/2016 7:54 AM
92	Give you the wifi password.	3/3/2016 7:54 AM
93	How to do simple fixes	3/3/2016 7:54 AM
94	No thing really we already use technology pretty good for learning.	3/3/2016 7:54 AM
95	The school could put more computers in the classroom.	3/3/2016 7:54 AM
96	More Internet access.	3/3/2016 7:54 AM
97	There really is not anything else that can be done, almost everything we do is already technology based.	3/3/2016 7:54 AM
98	There needs to be more strict bans on the amount of games and/or other non-school related content.	3/3/2016 7:54 AM
99	Nothing.	3/3/2016 7:54 AM
100	I don't know	3/3/2016 7:54 AM
101	Nothing	3/3/2016 7:54 AM
102	A higher surplus of computers.	3/3/2016 7:54 AM
103	Better IPad technology/apps.	3/3/2016 7:54 AM
104	Better internet network	3/3/2016 7:54 AM
105	More open website	3/3/2016 7:53 AM

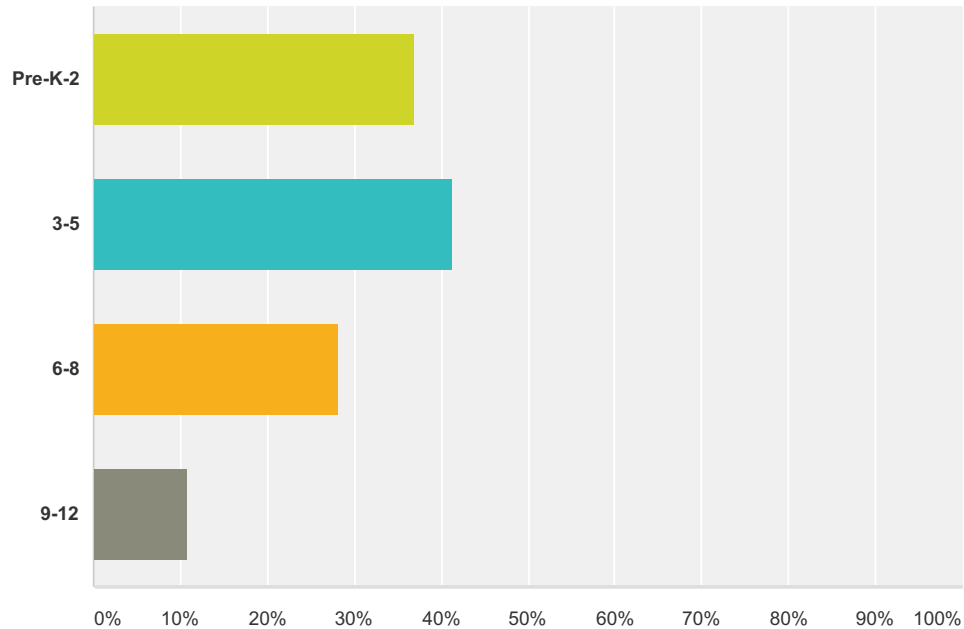
Student Survey - Technology Audit

106	Allowed to download apps for things	3/3/2016 7:53 AM
107	Make it so we can watch videos for school	3/3/2016 7:53 AM
108	Computers in other places instead of just the library and study hall room because when other classes are in there, we are unable to go anywhere else to do research or whatever needs to be done at that time	3/3/2016 7:53 AM
109	Not being kicked out of the library and study hall...	3/3/2016 7:53 AM
110	Lighten up on firewalls. Some websites we cannot access that we need to to be able to get a project done.	3/3/2016 7:53 AM
111	Access to YouTube.	3/3/2016 7:52 AM
112	We need to update our technology and update our crew so they actually care about our future. They always procrastinate on updating or fixing the computers or iPads.	3/3/2016 7:52 AM
113	Less blocked websites.	3/3/2016 7:52 AM
114	Lower restrictions on safe-guard	3/3/2016 7:52 AM
115	Don't know	3/3/2016 7:52 AM
116	Get internet on the iPads or something so kids can actually learn stuff And work on their homework.	3/3/2016 7:52 AM
117	Not to have technology	3/3/2016 7:51 AM
118	?	3/3/2016 7:51 AM
119	Have access to more websites	3/3/2016 7:51 AM
120	More internet access.	3/3/2016 7:50 AM
121	You tube and games	3/3/2016 7:50 AM
122	I would really like more printers like previously stated. Also sometimes cites are blocked that could be used for research. I understand that certain cites need to be blocked but sometimes it is a bit annoying when trying to do research.	3/3/2016 7:50 AM
123	Technology is already used well enough for learning at my school.	3/3/2016 7:50 AM
124	Use more often	3/3/2016 7:50 AM
125	UNBLOCK YOUTUBE	3/3/2016 7:49 AM
126	Have a printer for the iPads.	3/3/2016 7:49 AM
127	Make sure teachers know how to use the technology as well	3/3/2016 7:48 AM
128	Get free apps	3/3/2016 7:48 AM
129	I think we would excel in learning.	3/3/2016 7:48 AM
130	?	3/3/2016 7:48 AM
131	We use it enough already	3/3/2016 7:48 AM
132	Nothing because technology isn't need for are school	3/3/2016 7:47 AM
133	I don't know.	3/3/2016 7:47 AM

APPENDIX 5: Survey Results - Parents

Q1 In which grade is your child? (if you have more than one child at Pine Valley choose one to represent your answers for the survey)

Answered: 46 Skipped: 0

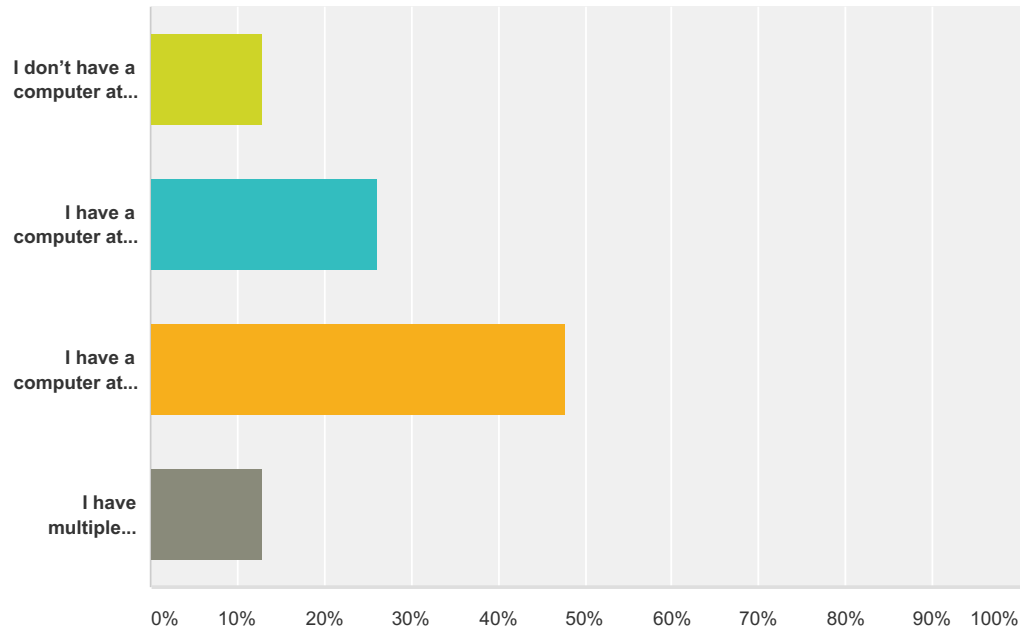


Answer Choices	Responses
Pre-K-2	36.96% 17
3-5	41.30% 19
6-8	28.26% 13
9-12	10.87% 5
Total Respondents: 46	

#	Other (please specify)	Date
	There are no responses.	

Q2 Do you own a computer at home?

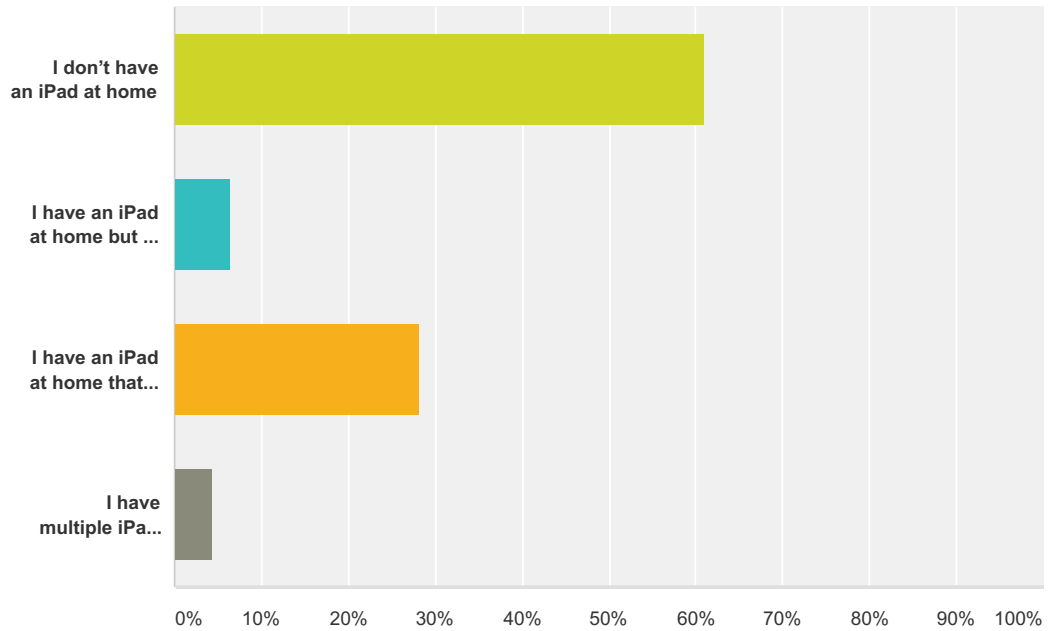
Answered: 46 Skipped: 0



Answer Choices	Responses	
I don't have a computer at home	13.04%	6
I have a computer at home but my child doesn't use it	26.09%	12
I have a computer at home that my child can use	47.83%	22
I have multiple computers at home that my child can use	13.04%	6
Total		46

Q3 Do you own an iPad at home?

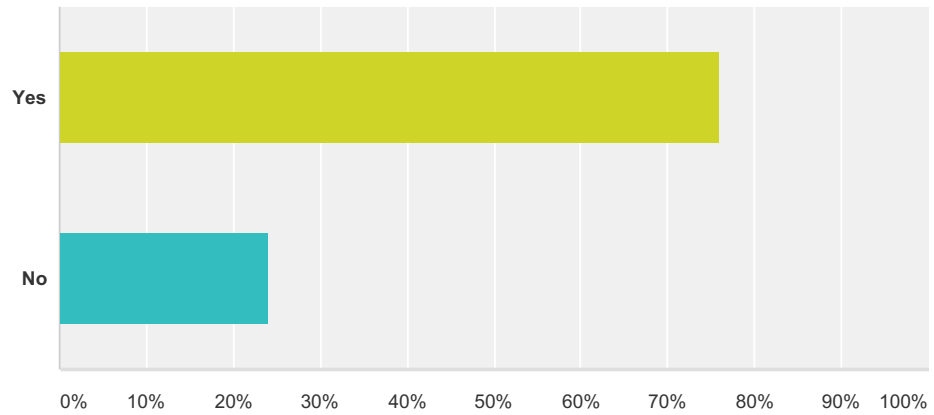
Answered: 46 Skipped: 0



Answer Choices	Responses	
I don't have an iPad at home	60.87%	28
I have an iPad at home but my child doesn't use it	6.52%	3
I have an iPad at home that my child can use	28.26%	13
I have multiple iPads at home that my child can use	4.35%	2
Total		46

Q4 Do you have Internet access at home?

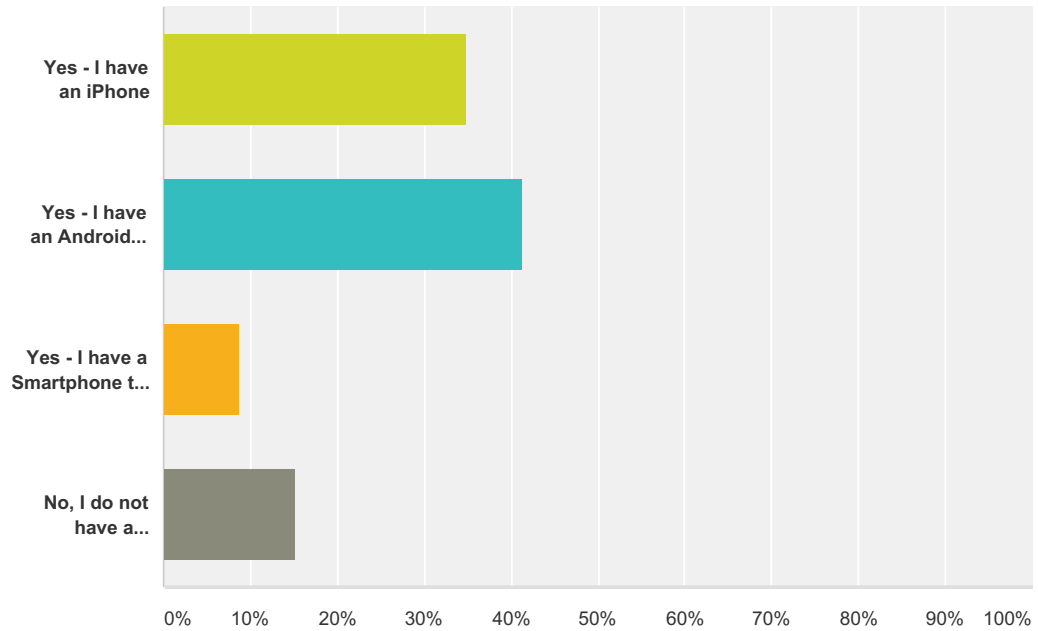
Answered: 46 Skipped: 0



Answer Choices	Responses	
Yes	76.09%	35
No	23.91%	11
Total		46

Q5 Do you own a Smartphone?

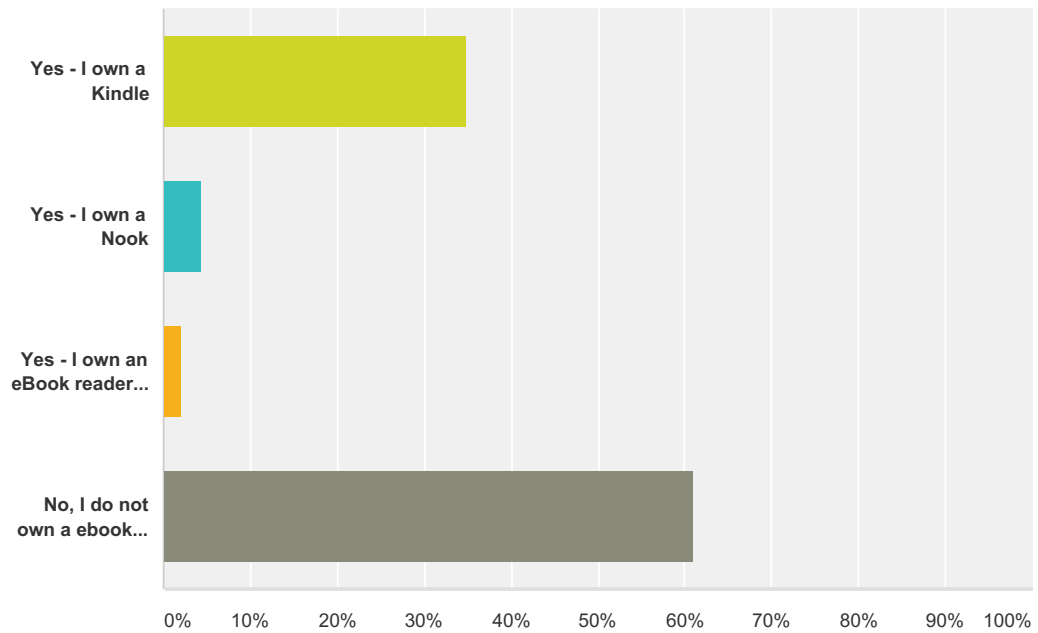
Answered: 46 Skipped: 0



Answer Choices	Responses	
Yes - I have an iPhone	34.78%	16
Yes - I have an Android Phone	41.30%	19
Yes - I have a Smartphone that is not an iPhone or Android	8.70%	4
No, I do not have a Smartphone	15.22%	7
Total		46

Q6 Do you own an ebook reader at home? Check all that apply

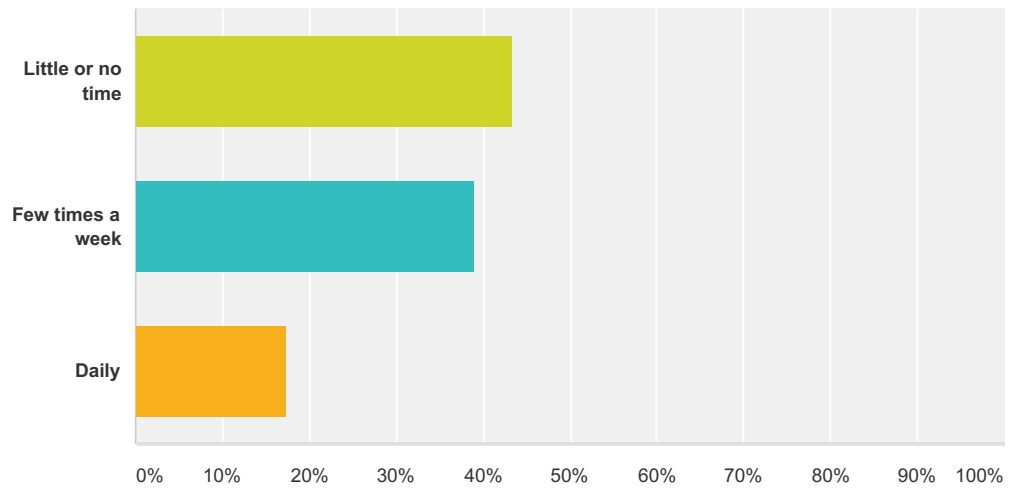
Answered: 46 Skipped: 0



Answer Choices	Responses	
Yes - I own a Kindle	34.78%	16
Yes - I own a Nook	4.35%	2
Yes - I own an eBook reader that is not a Kindle or a Nook	2.17%	1
No, I do not own a ebook reader	60.87%	28
Total Respondents: 46		

Q7 How often does your child use a computer at home?

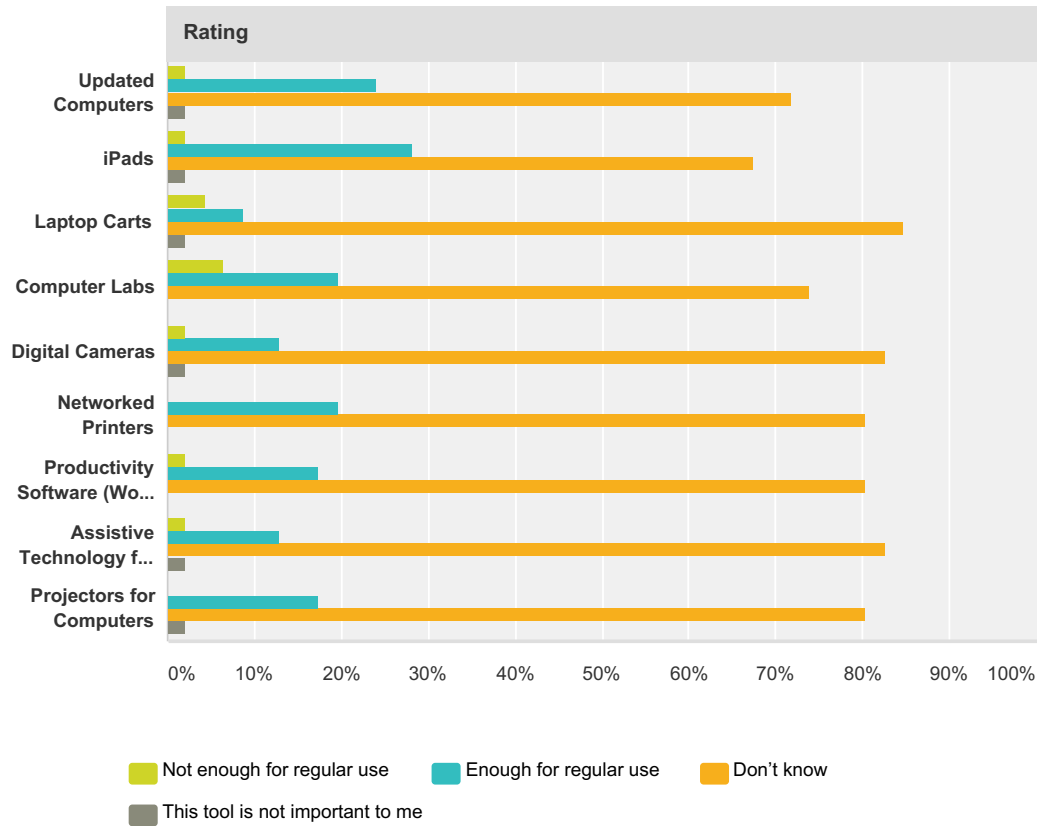
Answered: 46 Skipped: 0



Answer Choices	Responses	
Little or no time	43.48%	20
Few times a week	39.13%	18
Daily	17.39%	8
Total		46

Q8 Are there sufficient quantities of the following tools throughout the school to allow your child to use them on a regular basis for learning activities?

Answered: 46 Skipped: 0



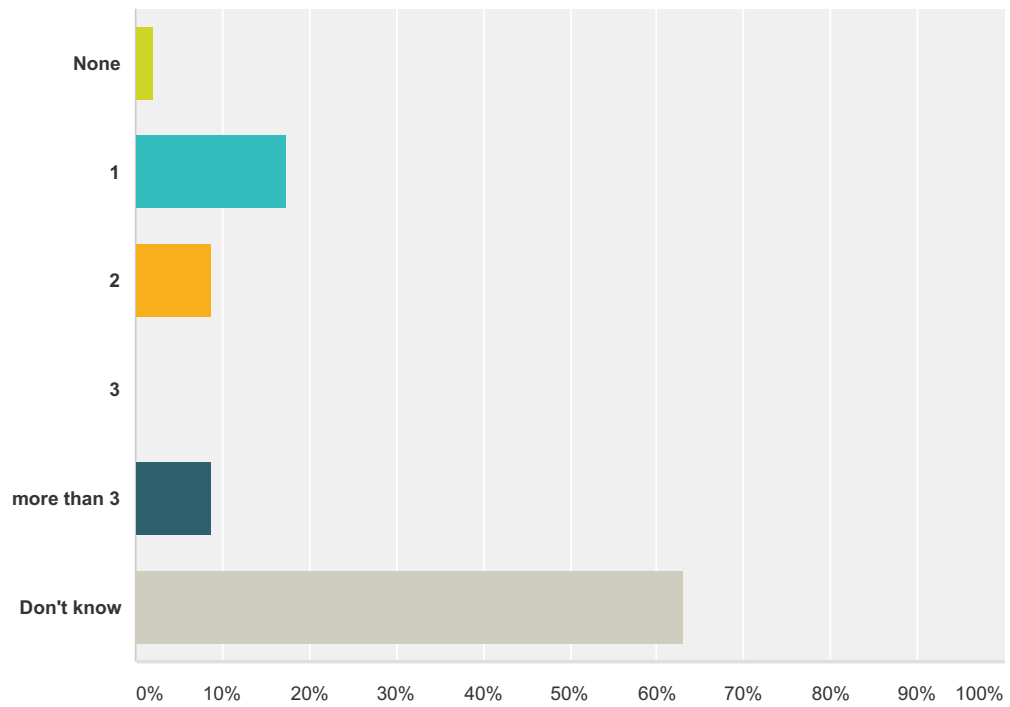
Rating					
	Not enough for regular use	Enough for regular use	Don't know	This tool is not important to me	Total
Updated Computers	2.17% 1	23.91% 11	71.74% 33	2.17% 1	46
iPads	2.17% 1	28.26% 13	67.39% 31	2.17% 1	46
Laptop Carts	4.35% 2	8.70% 4	84.78% 39	2.17% 1	46
Computer Labs	6.52% 3	19.57% 9	73.91% 34	0.00% 0	46
Digital Cameras	2.17% 1	13.04% 6	82.61% 38	2.17% 1	46
Networked Printers	0.00% 0	19.57% 9	80.43% 37	0.00% 0	46
Productivity Software (Word, Powerpoint, Excel, etc)	2.17% 1	17.39% 8	80.43% 37	0.00% 0	46

Parent Survey - Technology Audit

Assistive Technology for special needs students	2.17% 1	13.04% 6	82.61% 38	2.17% 1	46
Projectors for Computers	0.00% 0	17.39% 8	80.43% 37	2.17% 1	46

Q9 How many computers are in your child's classroom?

Answered: 46 Skipped: 0



Answer Choices	Responses	
None	2.17%	1
1	17.39%	8
2	8.70%	4
3	0.00%	0
more than 3	8.70%	4
Don't know	63.04%	29
Total		46

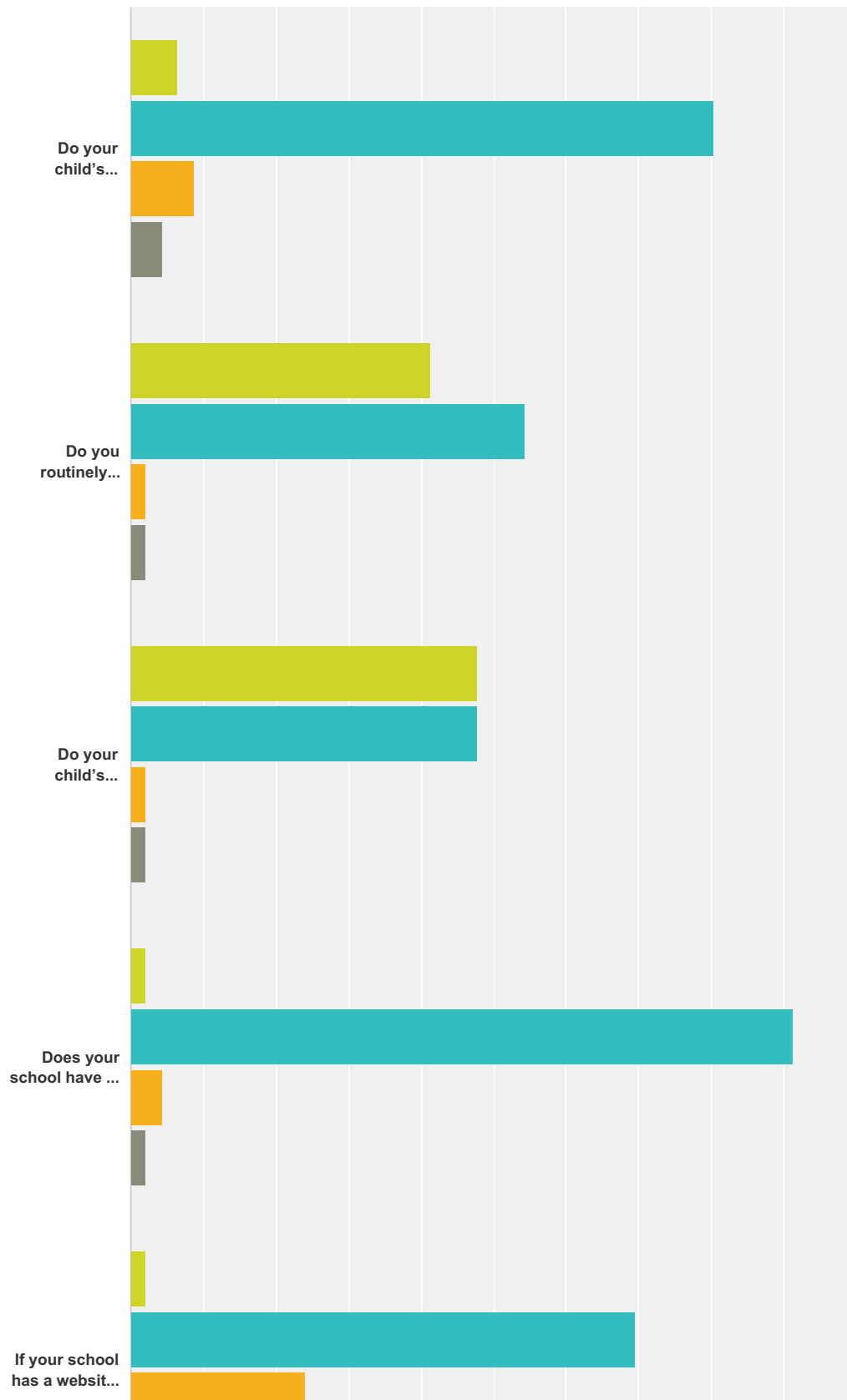
Q10 Do you have any other comments about your child's access to technology in school?

Answered: 12 Skipped: 34

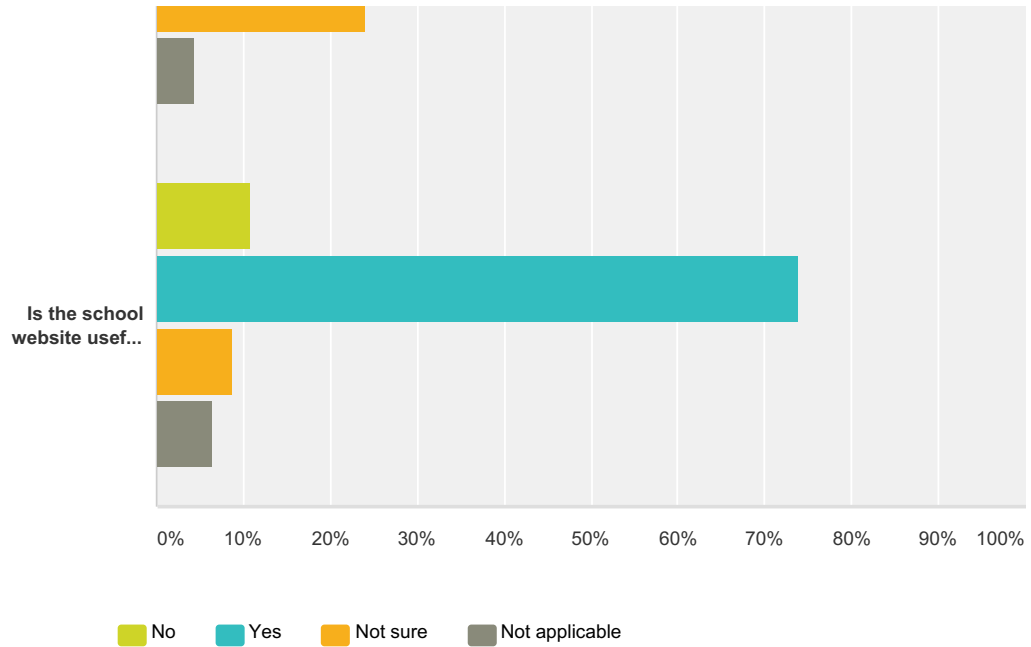
#	Responses	Date
1	Not at school-only that Internet access intensely limited at home and does inhibit the amount of online activities allowed	4/10/2016 4:06 PM
2	I'm impressed with the access.	4/10/2016 4:01 PM
3	No	4/10/2016 3:57 PM
4	She teaches me about the iPad.	4/10/2016 3:47 PM
5	Constantly in need of headphones at school - class supply is limited and a charger was never given for home	4/10/2016 3:44 PM
6	He knows more than his father and I know about...	4/10/2016 3:42 PM
7	I would like more control over their access at home	4/10/2016 3:37 PM
8	Needs better security so children aren't looking up things they are not supposed to.	4/10/2016 2:31 PM
9	How would a parent know this?	4/10/2016 2:20 PM
10	Yes, I would like to know what is available. I don't know	4/10/2016 2:09 PM
11	Ban cell phones, they have I-Pads and computers.	3/13/2016 10:02 AM
12	Need to create an actual Computer learning class that includes Keyboarding along with the latest software	2/4/2016 5:10 PM

Q11 How do you use technology to communicate with your child's school?

Answered: 46 Skipped: 0



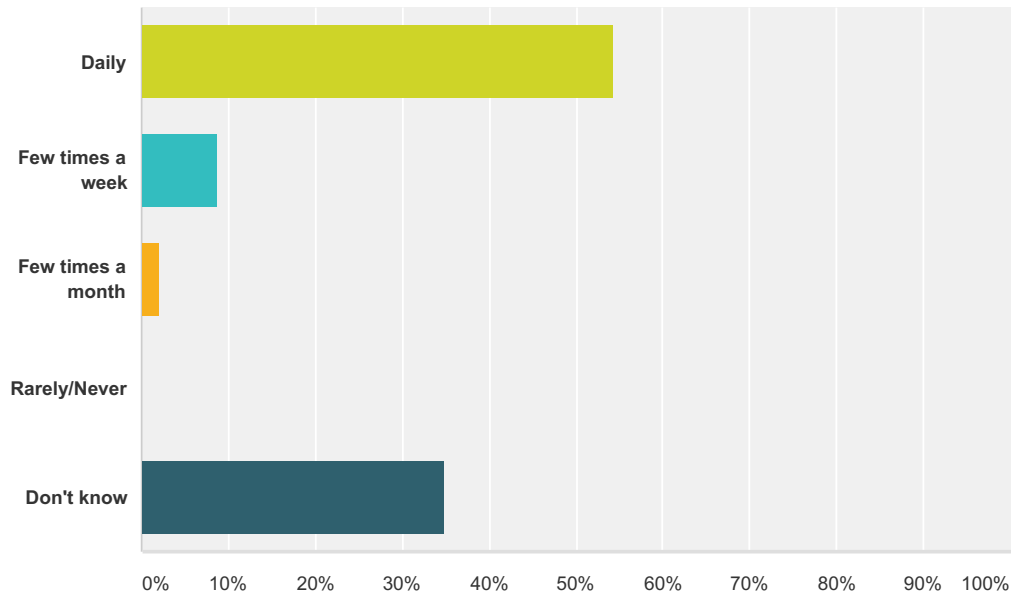
Parent Survey - Technology Audit



	No	Yes	Not sure	Not applicable	Total
Do your child's teachers have and use email?	6.52% 3	80.43% 37	8.70% 4	4.35% 2	46
Do you routinely communicate with your teachers via email?	41.30% 19	54.35% 25	2.17% 1	2.17% 1	46
Do your child's teachers routinely communicate with you via email?	47.83% 22	47.83% 22	2.17% 1	2.17% 1	46
Does your school have a website?	2.17% 1	91.30% 42	4.35% 2	2.17% 1	46
If your school has a website, is it updated on a regular basis?	2.17% 1	69.57% 32	23.91% 11	4.35% 2	46
Is the school website useful to you personally?	10.87% 5	73.91% 34	8.70% 4	6.52% 3	46

Q12 About how much time each week does your child use technology in the classroom?

Answered: 46 Skipped: 0

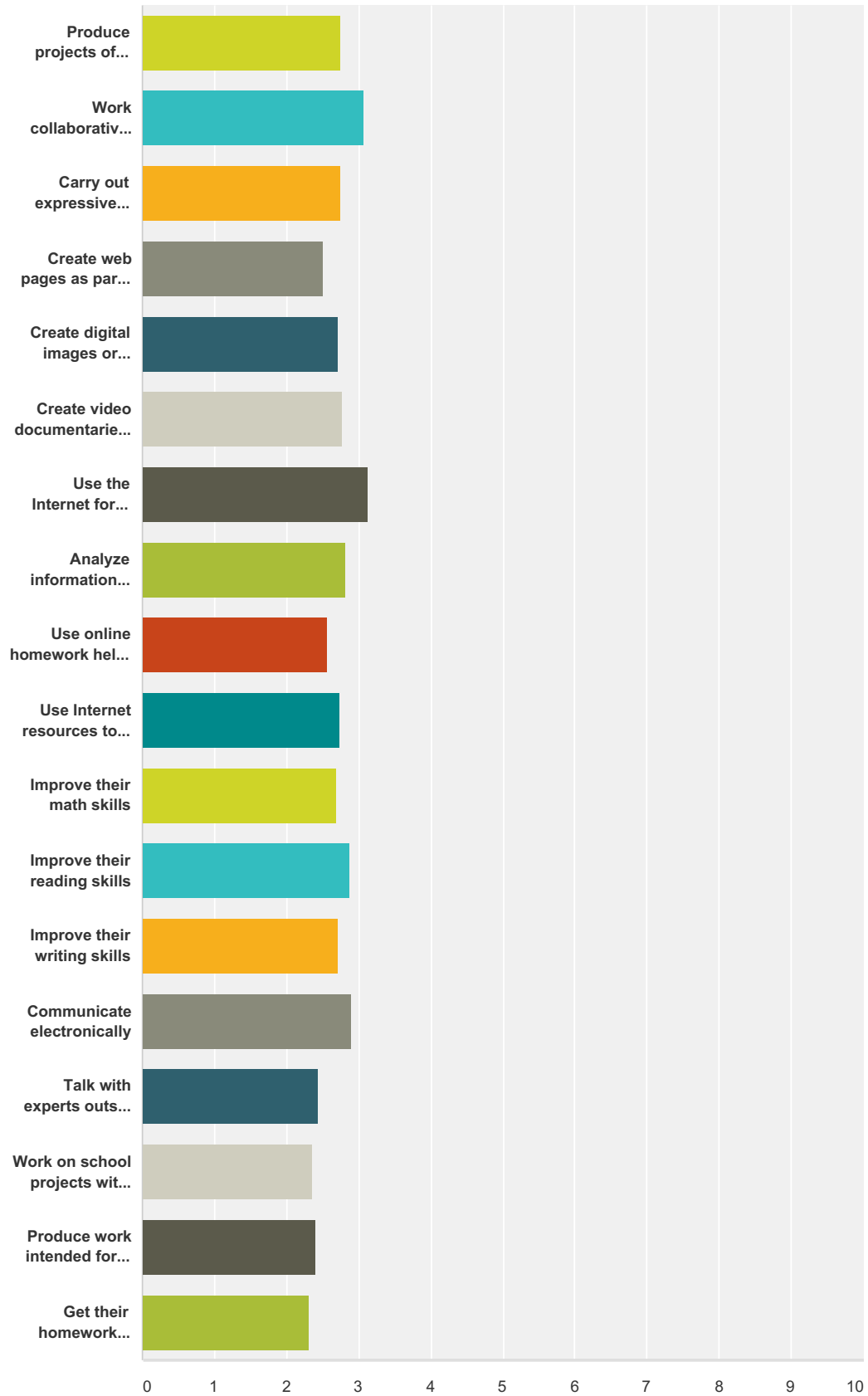


Answer Choices	Responses	
Daily	54.35%	25
Few times a week	8.70%	4
Few times a month	2.17%	1
Rarely/Never	0.00%	0
Don't know	34.78%	16
Total		46

Q13 How often does your child use technology to:

Answered: 45 Skipped: 1

Parent Survey - Technology Audit



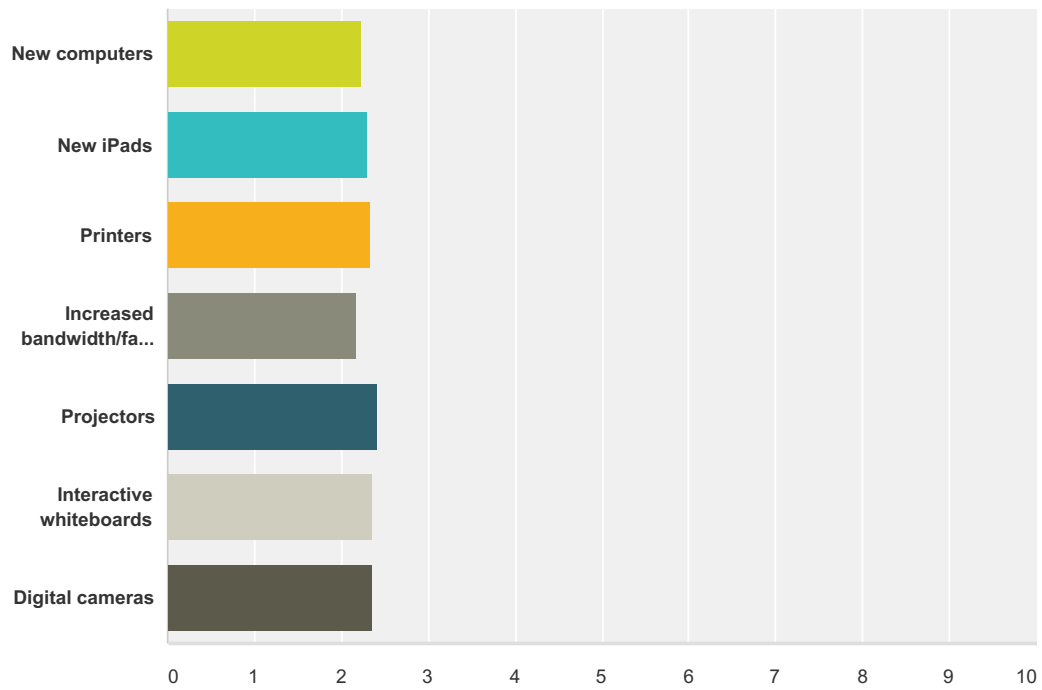
	Never	Rarely	Few times a week	Every Day	Not Applicable	Total	Weighted Average
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Parent Survey - Technology Audit

Produce projects of their own design	17.78% 8	26.67% 12	31.11% 14	11.11% 5	13.33% 6	45	2.76
Work collaboratively on projects	13.33% 6	26.67% 12	24.44% 11	11.11% 5	24.44% 11	45	3.07
Carry out expressive writing assignments	22.22% 10	20.00% 9	31.11% 14	13.33% 6	13.33% 6	45	2.76
Create web pages as part of their classwork	48.89% 22	13.33% 6	4.44% 2	4.44% 2	28.89% 13	45	2.51
Create digital images or graphs to illustrate their work	28.89% 13	24.44% 11	17.78% 8	4.44% 2	24.44% 11	45	2.71
Create video documentaries or animations for school projects	26.67% 12	33.33% 15	6.67% 3	2.22% 1	31.11% 14	45	2.78
Use the Internet for research	11.11% 5	17.78% 8	33.33% 15	22.22% 10	15.56% 7	45	3.13
Analyze information found on the web	17.78% 8	24.44% 11	33.33% 15	6.67% 3	17.78% 8	45	2.82
Use online homework help sites or software	31.11% 14	24.44% 11	20.00% 9	6.67% 3	17.78% 8	45	2.56
Use Internet resources to predict real world changes (for example, using information about populations to predict which country will become biggest)	35.56% 16	15.56% 7	15.56% 7	6.67% 3	26.67% 12	45	2.73
Improve their math skills	22.22% 10	24.44% 11	31.11% 14	6.67% 3	15.56% 7	45	2.69
Improve their reading skills	13.33% 6	26.67% 12	31.11% 14	15.56% 7	13.33% 6	45	2.89
Improve their writing skills	22.22% 10	24.44% 11	28.89% 13	8.89% 4	15.56% 7	45	2.71
Communicate electronically	22.22% 10	17.78% 8	24.44% 11	17.78% 8	17.78% 8	45	2.91
Talk with experts outside the school using email, videoconferencing, etc.	48.89% 22	15.56% 7	6.67% 3	0.00% 0	28.89% 13	45	2.44
Work on school projects with adults from the community	48.89% 22	20.00% 9	4.44% 2	0.00% 0	26.67% 12	45	2.36
Produce work intended for audiences beyond the classroom such as other grades, other schools, or the community	40.00% 18	24.44% 11	13.33% 6	0.00% 0	22.22% 10	45	2.40
Get their homework assignments from their Teacher's website.	44.44% 20	17.78% 8	15.56% 7	6.67% 3	15.56% 7	45	2.31

Q14 Where would you most like to see additional resources put?

Answered: 45 Skipped: 1



	Immediately	Over the next five years	Not at all	Total	Weighted Average
New computers	8.89% 4	57.78% 26	33.33% 15	45	2.24
New iPads	11.11% 5	48.89% 22	40.00% 18	45	2.29
Printers	6.67% 3	53.33% 24	40.00% 18	45	2.33
Increased bandwidth/faster connection	17.78% 8	46.67% 21	35.56% 16	45	2.18
Projectors	6.67% 3	44.44% 20	48.89% 22	45	2.42
Interactive whiteboards	13.33% 6	37.78% 17	48.89% 22	45	2.36
Digital cameras	8.89% 4	46.67% 21	44.44% 20	45	2.36

Parent Survey - Technology Audit

Q15 Please share any other comments or wishes regarding technology in your child's school

Answered: 6 Skipped: 40

#	Responses	Date
1	I'd prefer to see more paper and pencil used	4/10/2016 3:46 PM
2	I'm not sure about how much my kids get to use the technology available to them.	4/10/2016 3:44 PM
3	Guest Access to wi-fi so we can work on stuff during the MANY hours we spend here	4/10/2016 3:40 PM
4	Introduce computers to pre-K. Budget for better security so children can't look up what they don't need to see. Better Protection. Better use with outside internet (wi-fi)	4/10/2016 2:33 PM
5	It is very difficult for most parents to know about what is happening in the classroom with or without technology. When there is NO communication at the HS level about what is being taught. No work or assignments come home. Most of us have no idea if technology is used or not used.	4/10/2016 2:23 PM
6	Again need to create Classes for Technology and Keyboarding utilizing new "Office" products	2/4/2016 5:13 PM