

Budget

Parkway Local (048579) - Mercer County - 2014 - Straight A Fund - Rev 0 - Straight A Fund - Application Number (283)

U.S.A.S. Fund #:

[Plus/Minus Sheet \(opens new window\)](#)

Purpose Code	Object Code	Salaries 100	Retirement Fringe Benefits 200	Purchased Services 400	Supplies 500	Capital Outlay 600	Other 800	Total
Instruction		0.00	0.00	5,670.00	0.00	884,707.00	0.00	890,377.00
Support Services		0.00	0.00	0.00	0.00	0.00	0.00	0.00
Governance/Admin		0.00	0.00	0.00	0.00	0.00	0.00	0.00
Prof Development		6,120.00	1,530.00	3,000.00	0.00	0.00	0.00	10,650.00
Family/Community		0.00	0.00	0.00	0.00	0.00	0.00	0.00
Safety		0.00	0.00	23,000.00	0.00	0.00	0.00	23,000.00
Facilities		0.00	0.00	0.00	0.00	60,000.00	0.00	60,000.00
Transportation		0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>Total</b>		6,120.00	1,530.00	31,670.00	0.00	944,707.00	0.00	984,027.00
<b>Adjusted Allocation</b>								0.00
<b>Remaining</b>								-984,027.00

Application

Parkway Local (048579) - Mercer County - 2014 - Straight A Fund - Rev 0 - Straight A Fund - Application Number (283)

**Applicants shall respond to the prompts or questions in the areas listed below in a narrative form.**

**A) APPLICANT INFORMATION - General Information, Experience and Capacity**

1. Project Title: Developing Curriculum through a One to One Computer Initiative

2. Executive summary: Provide an executive summary of your project proposal and which goal(s) in question 9 you seek to achieve. Please limit your responses to no more than three sentences.

Parkway Local Schools is looking to develop a one-to-one computer initiative for students. The program will allow Parkway Middle School and Parkway High School Students the opportunity to have Windows based tablets. The decision stems from the need to expand the use of technology in the classroom. Strides have been made in the past year to purchase networking equipment to make the project a success. Items such as industrial wireless access points and updated switches have helped put the District in line for the additional equipment. Some additional items will be needed to complete this project, but the bulk of items need have been purchased. This project is based on the research conducted by William R. Penuel from SRI Institute (<http://files.eric.ed.gov/fulltext/EJ728908.pdf>). The research supports the idea that students who are connected to instant access of information are more successful in developing a connection to the material. Parkway Local Schools supports this finding by proposing that the tablet or device used should be compatible with the network system in place. Students will have access to text book, study material, and online content through the device. The biggest opposition to one-to-one computer initiative is that students that do not have access to the internet will not be successful in this project. Parkway Local Schools has taken this challenge and determined an effective answer to the problem. Content will be available during the school day on the school network, and time will be allowed for students to download material to take home and work offline on assignments. One of the greatest benefits for the use of the device will be that teachers will be able to make content for the week available to students and thus if school is cancelled, assignments can still be completed. This will allow Parkway to develop policies related to inclement weather or other extended absences for students to still complete missing assessments. The benefit to students is that overweight book bags and large textbooks will be minimized, if not eliminated. Costs associated with the purchase of text books can now be directed to up to date information on the web. Finally, students will have resources available at their fingertips allowing for faster information gathering options. Parkway feels that this is more than just putting more resources in the hands of students and saving money, this project will unlock the future of education and open the door to the success for students in their education in Middle School, High School, and College.

650 3. Total Students Impacted:

4. Lead applicant primary contact: - Provide the following information:

First Name, last Name of contact for lead applicant: Gregory Puthoff

Organizational name of lead applicant: Parkway Local Schools

Unique Identifier (IRN/Fed Tax ID): 048579

Address of lead applicant: 400 Buckeye Street Rockford, Ohio 45882

Phone Number of lead applicant: 419-363-3045 ext 701

Email Address of lead applicant: puthofg@parkwayschools.org

5. Secondary applicant contact: - Provide the following information, if applicable:

First Name, last Name of contact for secondary applicant: N/A

Organizational name of secondary applicant: N/A

Unique Identifier (IRN/Fed Tax ID): N/A

Address of secondary applicant: N/A

Phone number of secondary applicant: N/A

Email address of secondary applicant: N/A

6. List all other participating entities by name: Provide the following information for each additional participating entity, if applicable: Mention First Name, Last Name, Organizational Name, Unique Identifier (IRN/Fed Tax ID), Address, Phone Number, Email Address of Contact for All Secondary Applicants in the box below.

N/A

7. Partnership and consortia agreements and letters of support: - (Click on the link below to upload necessary documents).

\* Letters of support are for districts in academic or fiscal distress only. If school or district is in academic or fiscal distress and has a commission assigned, please include a resolution from the commission in support of the project.

\* If a partnership or consortium will be established, please include the signed Straight A Description of Nature of Partnership or Description of Nature of Consortium Agreement.

[UploadGrantApplicationAttachment.aspx](#)

8. Please provide a brief description of the team or individuals responsible for the implementation of this project including relevant experience in other innovative projects. You should also include descriptions and experiences of partnering entities.

Greg Puthoff - Superintendent Debbie Pierce - Treasurer Brian Fortkamp - High School Principal Brian Woods - Middle School Principal Kevin Browning - High School Business Teacher Talan Bates - Technology Coordinator Curtis Hamrick - High School Business / Technology Teacher, former Technology Coordinator

**B) PROJECT DESCRIPTION - Overall description of project and alignment with Outcomes**

9. Which of the stated Straight A Fund goals does the proposal aim to achieve? - (Check all that apply)

Student achievement

Spending reductions in the five-year fiscal forecast

Utilization of a greater share of resources in the classroom

10. Which of the following best describes the proposed project? - (Select one:)

New - never before implemented

Existing and researched-based - never implemented in your district or community school but proven successful in other educational environments

Mixed Concept - incorporates new and existing elements

Enhancing/Scale Up - elevating or expanding an effective program that is already implemented in your district, school, or consortia partnership

11. Describe the innovative project.

The one to one computer initiative at Parkway Local Schools will work in the following format. Tablet computers will be purchased through funding the A+ grant. The tablets will be distributed to students in grades 7 - 12. The resources on the tables will be the sole property of Parkway Local Schools. How will students use the tablets? Students will have access to online content provided by textbook suppliers. The exact online content will be determined when grade level teachers and departments meet with textbook vendors to determine what resources are the best for the devices. Ebooks, online content, frequency of updates, cost, and overall design will be determining factors in class students will be able to interact with their text book as though it were a print book. Highlighting important information, margin notes, and electronic note taking are all possibilities for the students. One advantage for the students will be the tablets ability to "read" words to students. Students struggle with the pronunciation of a word causing them to have disconnect in their reading. The tablet will aide in their learning. How else will this be used? Parkway Local Schools will look into the purchase of a content distribution portal from Blackboard to facilitate any content that is not already online with textbook distributors or that is not within textbook adoption. This content distribution portal will be developed by teachers from Parkway or distributed from purchased sites. Many packages are available in a specific discipline and easily loaded on the system. These resources will be used to facilitate students and give teachers a means of assessing the stretch goals of the Student Learning Objectives (SLO). Why one to one? The one to one project is necessary to enhance the way education is delivered to today's students. Research shows that students are more successful when they interact with technology as a medium for content delivery. This program will support that theory and give students the needed material for success. Community Support? Parkway will work with prescribed media outlets to distribute information about the program prior to launching. Parent meetings and training, student training, and staff training will all be part of the project. Currently 60 hours will be budgeted for students, staff, and families to learn how to use the technology to support education. Parent involvement will be necessary to help ease the tension created

with new technology. The training will be contracted from one of the certified trainers from SOITA or other consortium. Measuring Success The project's success will be measured by using student progress on OAA, OGT, and ACT scores. These standardized tests are already normalized and standardized to allow growth measures to be determined. The project will be reevaluated at year 2, 3, and 5 to determine if growth expectations are being met. The team will determine acceptable goals for continuation of the project, software used, or other factors of the project.

12. Describe how it will meet the goal(s) selected above. - If school/district receives school improvement funds/support, include a brief explanation of how this project will advance the improvement plan. This project is designed to enhance student achievements through modernizing the education process. Student access to information is crucial in the education process. The use of the tablets will be such that students will be able to find information quickly. In Bloom's Taxonomy the student is looking to achieve Application of information. If a student is spending too much time gathering information, there is less time to work on synthesizing information and ultimately evaluating information. Student success happens when students have the tools they need to make informed decisions. This does not mean that the lower levels of learning are to be ignored; rather, it means that these lower level learning skills are supported by developed assessments. Once a student has mastered the lower level skills, higher levels of education can take place. The technology proposed in this project will allow students to gather information (lower learning) then give them access to tools for synthesis and evaluation. Parkway Local Schools is also looking at the aspect of spending savings over a 5 year period. Currently Parkway has textbooks on a 6 - 8 year rotation. The district has funds designated for each content area and the content areas are on a rotation schedule. The move to technology will allow the district to purchase annual license agreements with the book distributors ensuring that current content is always available. This will actually lower the overall cost of ownership by allowing Parkway to purchase all content areas for the same price as two to three content areas. Though this change means that the district may not see a great savings in the bottom line, the savings come with having up to date material at a fraction of the total cost. Other ways that Parkway Local Schools will be saving money will be with the purchase and installation of a solar panel system. The system proposed will give Parkway an estimated \$680 per year savings on energy. The plan is to have the solar panels installed to the current electrical grid to support the extra power being needed to charge laptops. The panel system being proposed will charge or meet the electrical demand if all tablets were plugged in at the same time. Due to the fact that the tablets will not all be charging at the exact same time, the panels will be working to reduce overall electrical costs for the district. Finally, the project will allow for a greater share of resources in the classroom. Currently, Parkway Local Schools works to control text book costs by only purchasing classroom sets of books for those books that are over \$250 per book. The purchase of the equipment will reduce the total cost of ownership of books and allow each student to have their own book. The ability for the student to have direct access to the book will aid in the development of course content outside of the classroom and allow learning to take place. Other aspects of the project that will put more resources in the hands of students will be in the fact that computer purchases in the two buildings can be lowered. The project will allow for each classroom to be equipped with 4 computers to facilitate any forgotten or non working tablets. The total cost of technology purchases will go down and more students will have access to technology.

### C) SUSTAINABILITY - Planning for ongoing funding of the project, cost breakdown

13. Financial Documentation - All applicants must enter or upload the following supporting information. Responses should refer to specific information in the financial documents when applicable:

- Enter a project budget
  - Upload the Straight A Financial Impact Template forecasting the expected changes to the five-year forecast resulting from implementation of this project. If applying as a consortia or partnership, please include the five-year forecasts of each school district, community school or STEM school member for review.
  - If subsection (b) is not applicable, please explain why, in addition to how the project will demonstrate sustainability and impact.
- N/A

14. What is the total cost for implementing the innovative project?

555,125.00 \* Total project cost

\* Provide a brief narrative explanation of the overall budget. The narrative should include the source and amount of other funds that may be used to support this concept (e.g., Title I funding, RttT money, local funding, foundation support, etc.), and provide details on the cost of items included in the budget (i.e. staff counts and salary/benefits, equipment to be purchased and cost, etc.).  
The budget breakdown will be by category. Salaries (100) \$6,120 is budgeted for staff training as well as staff members to develop online curriculum to be used with Blackboard. All staff will attend an after school training paid at standard reimbursement rate (current hourly rate). The remaining money would be used to pay staff members stipends for after school work on developing curriculum for the online content on Blackboard. Retirement and Fringe Benefits (200) Estimated at 25% of salaries for retirement benefits and other benefits. Purchased Services (400) \$5,670 is budgeted for Instruction Purchased Service is for Netop software that will be used in managing the devices from the teacher desk. Each device will register on the network and teachers will be able to see what the students are doing on the device as well as block content and push images from the main computer to the devices. \$3,000 is budgeted for contracting SOITA to administer training for teachers, parents, and students. \$23,000 is budgeted for the program DeepFreeze. This program is designed to prevent computers from being infected with viruses, prevent students from adding material that is not owned by Parkway Schools and overall protection of the students, device, and network. Capital Outlay Instruction: 780 Latitude 10 tablets: \$496,860 780 Cases: \$35,880 190 Dell Latitude 3330 workstations for classroom: \$176,700 50 Dell Latitude E5430 \$56,750 1 KACE network appliance: \$32,461 1 KACE Software License (5 years): \$26,056 Facilities: 1 HP 7510 Switch with 2 48-port Gig-T PoE+ Modules and 768Gbps MPU: \$22,500 16 HP 48 port POE Switches \$1,450 each: \$23,200 16 Fiber Modules \$125 each: \$2000 4 Wireless Access Point Upgrades \$3,075 each: \$12,300 Justification of expenses: Tables used for the one to one project. Cases are to protect the tablets. 190 workstations are in the event that a tablet does not come to class the student will be able to sit at the computer and still work on assignments. These stations are an upgrade to run necessary software such as blackboard and match software found on tablets. Current workstations are 5 - 8 years old. Teacher workstations are to ensure teachers are running same software as tablets, used to control Netop software and devices and to upgrade 8 year old computers. Finally network and Wireless equipment is to complete the network upgrade that was started 2 years ago and ensure all aspects of the network will work with additional wireless devices. KACE equipment is dell management equipment for the tablets to condition traffic and help secure the devices after they leave the network.

15. What **new/recurring costs** of your innovative project will continue once the grant has expired? If there are no new/recurring costs, please explain why.

10,200.00 \* Specific amount of new/recurring cost (annual cost after project is implemented)

\* Narrative explanation/rationale: Provide details on the cost of items included in the budget (i.e. staff counts and salary/benefits, equipment to be purchased and cost, etc.). If there are no new/recurring costs, please explain why.  
The recurring costs associated with this grant will be the purchase of new tablets for replacement of broken equipment in the first year assuming that only 15 devices will need to be replaced after the first year of use. Seniors will turn in their tablet at the end of the year and the tablets will be cleaned, restored, and setup for use with the incoming 5th grade class. This process will work for the first five years of the program at which time money will be freed up to allow for the purchase of a grade level set. The rotation will be Class of 2014 tablets go to class of 2022(current 4th graders). Class of 2015's tablets go to class of 2023 (current 3rd graders). This rotation will take place until the class of 2025 enters 5th grade (2016). The district will begin to evaluate and consider purchasing replacements for this class.

16. Are there **expected savings** that may result from the implementation of the innovative project?

15,680.00 \* Specific amount of expected savings (annual)

\* Narrative explanation/rationale: Provide details on the anticipated savings (i.e. staff counts and salary/benefits, equipment to be purchased and cost, etc.).  
The expected savings per year is as follows: Text book adoption can be reduced by \$7000 annually (online curriculum and eBooks) Energy savings from solar panels \$680 Computer Purchases \$8000. Parkway no longer need to put computers labs on replacement rotation. Each student will have a computer limiting the need to go to a central computer lab. Also Media Center computer numbers will be half of current population.

17. Provide a brief explanation of how the project is self-sustaining. If there are ongoing costs associated with the project after the term of the grant, this explanation should provide details on the cost reductions that will be made that are at least equal to the amount of new/recurring costs detailed above. If there are no new/recurring costs, explain in detail how this project will sustain itself beyond the life of the grant.

The project becomes self sustaining because the bulk of the startup equipment is purchased with this grant freeing the money to be saved and carried over for future use. Currently Parkway is spending \$60,000 annually on technology replacement and rotation costs. By purchasing computers for teacher's classroom and tablets for the students, Parkway will not have to upgrade equipment in computer labs and student computers in the classroom as often. If each year the district can save \$40,000 on extra technology purchases the project pays for itself because that \$40,000 can be used to purchase equipment in either year 3 or 4 of the project. Averaging 90 students per class and at an average cost of \$680 per tablet the annual need for the project will be \$61,200. If the district carries over the \$40,000 from year 1 - 3 (total of \$120,000) the savings will last the school district almost 6 years. During that time the price of the equipment may go down, or the district will be able to put the needed money into the budget to cover the shortfall.

### D) IMPLEMENTATION - Timeline, communication and contingency planning

18. Fill in the appropriate dates and an explanation of the timeline for the successful implementation of this project. In each explanation, be sure to briefly describe the largest barriers that could derail your concept or timeline for implementation and your plan to proactively mitigate such barriers. In addition, the narrative should list the stakeholders that will be engaged during that stage of the project and describe the communication that occurred as the application was developed.

Describe the ongoing communication plan with the stakeholders as the project is implemented. (Stakeholders can include parents, community leaders, foundation support and businesses, as well as educational personnel in the affected entities.)

#### \* Proposal Timeline Dates

Plan (MM/DD/YYYY): 10/20/2013

#### \* Narrative explanation

The committee has gathered and looked at prices and products that work with the project. We have identified stakeholders in the project and identified areas in the network that need addressed

before the project is implemented. The committee also discussed all of the pros and cons of the project. Aspects that have been considered are cost, viability, sustainability, usability, reality, and time lines. Each member of the committee went back to their department and began to discuss the SWOT (Strengths, Weaknesses, Opportunities, and Threats) for this project. The following is a summary of the analyses. Strengths: Each student will have access to a computer regardless of their socioeconomic status. Online curriculum can be purchased and developed. Students will have direct access to information and files at school and at home. Weaknesses: Students without internet may suffer. Cost of project. If student forgets device they may not be able to participate in the day's events. Opportunities: Students can have greater access to information. Students will be able to highlight and mark in their eBooks as well as make notes in the books. Using a device that connects to the existing network will allow students to function like any other computer. Device will need to run production software like Word, PowerPoint, and Excel to help students utilize the device for daily work. Games will need to be blocked to prevent students from being off task. Threats: Cost of device. Durability of device. How do we get applications for the device? Who determines if an application is a game or an educational tool? How can we block students from the internet if they don't need access at a particular time in class? The committee took this information and began the process of looking at devices that would work on the existing network. First suggestion would be a windows based tablet, so a local distributor was contacted to get quotes on a surface tablet versus a Dell Tablet. The committee felt that the Dell tablet gave the students everything they needed at the same price. The tablet will run Windows 8, eReaders needed for online books, web browser, blackboard, and allow Netop to work to control internet access and other classroom management functions. The last concern that was discussed was durability and reliability. The committee decided to price the device with a case that would protect the tablet. The local vendor suggested a case that would allow functionality and protect the devices. The final aspect of durability and reliability was for those students that wanted to change the settings. One committee member shared their knowledge of a program called DeepFreeze. This program was developed to lower the total cost of ownership of a PC by freezing the hard drive. The computer would be setup as needed and then frozen. Changes could be made, but as soon as the device was rebooted the computer would return to the original state when frozen. A thawed space can be created to allow students a place to save files. The committee felt that these appropriations, along with adequate training, would take care of most of the reservations of the systems and allow for greater buy in by the staff, community, and students.

Implement (MM/DD/YYYY): 12/18/2013

\* Narrative explanation

Timeline: 12/18 Read Acceptance Letter 12/18 Place order for tablets, cases, network equipment, software, and other items for project. 12/19 Setup training with SOITA. 12/28 Image Computers for Teacher and Classroom 12/28 Install Blackboard and Purchased Online Content. 1/3 - 1/4 Install Teacher Computers and Classroom Computers 1/6 Offer training to staff (after school, paid time) 1/7 Offer training to staff (after school, paid time) 1/8 Host Meeting with Community advertise training options for Parents 1/9 A.M. Parent Training and P.M. Training 1/10 Mid Day Training for Parents 1/11 Mid Day Training for Parents 1/13 Hand out Tablets to 5th and 6th Grade and Train periods 1 - 2 HS Cafeteria High School 12 Train periods 1 - 4 1/14 Hand out Tablets to 7th and 8th Grade and Train periods 1 - 2 HS Cafeteria High School 11 Train Periods 1 - 4 1/15 Hand out Tablets to HS 10th and 9th HS Cafeteria 1/6 - End of School Year Teachers develop online curriculum.

Summative evaluation (MM/DD/YYYY): 04/30/2015

\* Narrative explanation

The summative assessment will be to look at 2013 OAA, OGT, and ACT scores to see if there is a significant increase from one year to the next. The first year of data may not be as helpful as the students will have only had the devices for half of a year, by 2015 the data from State Standardized tests should begin to give Parkway Local Schools a great idea of how the program has benefited the students.

19. Describe the expected changes to the instructional and/or organizational practices in your institution.

The expected change to instruction will come from the way content is delivered in class. The use of the program Netop will allow teachers to push images, videos, and their desktop to the device of the student. If a student is having a hard time seeing the board, they can simply look down at their device and see what is being shown on the screen. A classroom safety aspect of this will be for students on an IEP, they will not feel ostracized because they will be able to see the demonstration right in front of them. Other changes to the instruction will be that students will no longer have to take time from class to travel to the library to check out books, access will be granted from the local library for student to check out book right to their device. So when a student has "nothing" to read, a simple tap of the screen and a selection of books to check out will be readily available. Changes will also come in the way information is found. Now students can be guided to a website and be able to access the information directly from the devices. Empowering students to look up information while the topic is fresh in their mind will enhance the way classroom material is delivered. Finally, with a program like Blackboard students will be able to go beyond basic questioning when they are asked to discuss information with classmates, analyze information presented, and give examples of a topic in their discussion boards. The content delivery portal will be setup to allow communicating safely with their classmates and learning how to have quality online dialogue. These changes are going to take professional develop time for teachers as well as a commitment from the teachers to embrace this technology. The committee conducted a survey on the desire of teacher to support this decision. The only reservation from the staff was on how the district would fund the project. All were in agreement if the funding came from a grant.

**E) SUBSTANTIAL IMPACT AND LASTING VALUE - Impact, evaluation and replication**

20. Describe the rationale, research or past success that supports the innovative project and its impact on student achievement, spending reduction in the five-year fiscal forecast or utilization of a greater share of resources in the classroom.

The rationale of this project is based on the research that has been conducted on student success and student achievement when given a one to one computer initiative. The overall success of the project will be seen in higher achieving students on State Standardized Tests. Today's testing is focused on a higher level of learning, not from gathering information. The one to one initiative allows students to gather the information quickly and then spend class time synthesizing information, applying the information to situations, and ultimately be able to evaluate data. Student test scores should see a significant increase due to the change in the delivery method. The answer to the problem of low test scores is not to put a computer in the hands of the students, but to work toward high level thinking. Gathering information is a simple task for students today because of technology tools. The educational learning process is to take the information and apply it. For example, a student may be able to find out when the War of 1812 took place. They may even be able to find the causes of the war online, but the next level of learning is to apply those causes to the issues with Westward Expansion. Students need to be able to connect history events not just find out specific data about a topic. Cost savings for this project come in the fact that the district will be able to save money on the replacement of computers in a computer lab. Currently the district has 3 labs, 5 mobile labs, and a couple dozen computers in the media center. The district will be able to reuse the computers in the lab to other classroom and move the best computers to the media center for those tasks that the tablets and classroom computer will not accommodate. As noted in the savings section, this savings can then be applied to the future purchase of tablets to make this project sustainable for the district. This project can also remove the financial burden from the families by lower the amount of school supplies needed to be purchased each year. This saving may not show up on the district bottom line, but will make the community more supportive of the program. Finally, the project will put more resources in the hands of students by allowing students, regardless of socioeconomic status, to have access to technology for schoolwork. Parkway Local Schools has about 30% of its students below poverty and a computer may not be feasible for the family. This project will ensure that all students in our High School and Middle School have the tools they need to be successful students.

21. Is this project able to be replicated in other districts in Ohio?

Yes

No

22. If so, how?

The project is being evaluated by many school districts all across Ohio. Many of these school districts will be competing for this same grant. The part that makes this project different from competitors is the use of Blackboard, Netop, and Deepfreeze. These programs are important to the success of the project. Content delivery, classroom management, and device security are the important aspects of this project and allow it to be recreated by other districts and critical for its success. These program can be purchased from local retailers and are readily available. They can also be customized for use by another district.

23. Describe the substantial value and lasting impact that the project hopes to achieve.

One of the greatest benefits for the use of the devices will be that teachers will be able to make content for the week available to students and thus if school is cancelled, assignments can still be completed. This will allow Parkway to develop policies related to inclement weather or other extended absences for students to still complete assessments. A benefit to students is that overweight book bags and large textbooks will be minimized, if not eliminated. Costs associated with the purchase of text books can now be directed to up to date information on the web. Finally, students will have resources available at their fingertips allowing for faster information gathering options. Parkway feels that this is more than just putting more resources in the hands of students and saving money, this project will unlock the future of education and open the door to the success for students in their education in Middle School, High School, and College or Career Choices.

24. What are the specific benchmarks related to the fund goals identified in question 9 that the project aims to achieve in five years? Include any other anticipated outcomes of the project that you hope to achieve that may not be easily benchmarked.

Benchmarks for student achievement will be in testing scores on the State Standardized scores. These scores should show significant increase. Currently the Middle School has gone two years without passing AYP. This will be a significant benchmark for the teachers to watch and the committee to evaluate when determining the success of the project. Cost savings will be evaluated on the bottom line and through sustainability of the program. Year 1 - 3 will be cost savings years as no new technology will be needed in the High School or Middle School with this purchase. Year 4 and beyond will show Parkway how successful the fiscal savings were when the it comes time to purchase another grade level set of devices. Finally, the benchmark for resources in the hands of students will be measured by downtime of the technology. The process in place is expecting a 90% uptime for all equipment. If this uptime cannot be met, a greater evaluation will need to take place on network capability or viability of the program. This will be evaluated at the end of year one.

25. Describe the plan to evaluate the impact of the concept, strategy or approaches used.

\* Include the method by which progress toward short- and long-term objectives will be measured. (This section should include the types of data to be collected, the formative outputs and outcomes and the systems in place to track the program's progress).

\* Include the method, process and/or procedure by which the program will modify or change the program plan if measured progress is insufficient to meet program objectives.

Short term goals will be as follows: Teachers will use the technology to conduct their classroom and help students achieve higher levels of thinking. Yes, no further evaluation needed No, determine if issue is with technology or training Solution: Fix technology or offer more training. Students will be responsible for the equipment that is provided and no damage will come from abuse. Yes, no further evaluation needed No, Read over office referrals relating to the technology to determine what additional precautions need to be addressed Is the technology aiding or hindering education: Student test scores will be evaluated from 2013 to 2014. With only a half year of usage is there a level of change? What is the level of change? Can a significant correlation be drawn? If the correlation can be drawn, the evaluation committee will need to assess the use of the technology to either guide the curriculum development or the need for the technology. Long Term Goals: Student test scores are increase to

show AYP according to the State Standardized tests. If this goal is met the program will be determined to be a success.

By virtue of applying for the Straight A Fund, all applicants agree to participate in the overall evaluation of the Straight A Fund for the duration of the evaluation timeframe. The Governing Board of the Straight A Fund reserves the right to conduct evaluation of the plan and request additional information in the form of data, surveys, interviews, focus groups, and any other related data to the legislature, governor, and other interested parties for an overall evaluation of the Straight A Fund.

PROGRAM ASSURANCES: I agree, on behalf of this applicant agency and/or all identified partners to abide by all assurances outlined in the Assurance section of the CCIP. In the box below, enter "I Accept" and indicate your name, title, agency/organization and today's date.

I accept Gregory L. Puthoff Superintendent Parkway Local Schools October 25, 2013