### Indian Valley Local Schools (050286) - Tuscarawas County - 2014 - Straight A Fund - Rev 0 - Straight A Fund - Application Number (146)

<table>
<thead>
<tr>
<th>Purpose Code</th>
<th>Object Code</th>
<th>Salaries 100</th>
<th>Retirement Fringe Benefits 200</th>
<th>Purchased Services 400</th>
<th>Supplies 500</th>
<th>Capital Outlay 600</th>
<th>Other 800</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Instruction</td>
<td>00</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>86,000.00</td>
<td>0.00</td>
<td>0.00</td>
<td>86,000.00</td>
</tr>
<tr>
<td>Support Services</td>
<td>00</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
</tr>
<tr>
<td>Governance/Admin</td>
<td>00</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
</tr>
<tr>
<td>Prof Development</td>
<td>00</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
</tr>
<tr>
<td>Family/Community</td>
<td>00</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
</tr>
<tr>
<td>Safety</td>
<td>00</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
</tr>
<tr>
<td>Facilities</td>
<td>00</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
</tr>
<tr>
<td>Transportation</td>
<td>00</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
</tr>
<tr>
<td>Total</td>
<td>00</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>86,000.00</td>
<td>0.00</td>
<td>0.00</td>
<td>86,000.00</td>
</tr>
</tbody>
</table>

**Adjusted Allocation**: 0.00

**Remaining**: -86,000.00
As with any technology initiative in the classroom, it is important to have proper professional development trainings for teachers to utilize the technology. We propose using a more cost effective Nexus 7 Android tablets for grades K-2.

He also designed and implemented an iPad / Apple TV project with our high school and middle school teachers to allow for successful wireless coordination and practicing skills with the ease. Numerous educational apps are available for K-2, which makes digital learning engaging for students. Nexus 7 tablets are designed as a consumer device for single users.

Many school districts use iPad’s to enhance instruction in the classroom even though they are more expensive than other tablets and are not easy to maintain in the classroom setting due to them being assigned as a consumer device for single users. We propose using a more cost effective Nexus 7 Android tablets for grades K-2, in conjunction with a new program that Google is releasing this fall called Google Play for Education. The goals of this initiative are student achievement, spending reductions in the five-year fiscal forecast and utilization of a greater share of resources in the classroom.

We are asking for enough tablets to establish learning centers that use this technology to engage children at their own academic level.

Kyle Otto

Tablets at this developmental level provide the best digital learning experience and opportunities for visual eye coordination and practicing skills with the ease. Numerous educational apps are available for K-2, which makes digital learning engaging for students. Nexus 7 tablets are more cost effective than the popular iPads. Nexus 7, coupled with a new program that Google is releasing this fall called Google Play for Education (GPE), will be the foundation of an interactive K-2 environment. GPE will change the way tablets are used in the classroom for digital learning. This approach allows for set up of a large numbers of Android devices quickly. This efficiency will minimize the use of human resources needed to implement this technology. From any web browser, educators will be able to use GPE to quickly locate and provide appropriate content to students that aligns to the Common Core.

Pushing this content to student devices will be as simple as if they were sharing a Google document. We will be creating custom charging carts with plastic storage boxes, hanging files and power strips. The total costs are $200 per 30 devices, giving a substantial savings.

Brian Dottild - Indian Valley: Technology Director at Indian Valley since 2006 and a Google Certified Trainer. Played a lead role in designing and implementing our wireless infrastructure upgrades with a very successful 1:1 program at our high school in 2012. He also designed and implemented an iPad / Apple TV project with our high school and middle school teachers to allow for successful wireless coordination throughout the classroom. Kyle Otto - Indian Valley: Technology Assistant since 2011 and assisted in implementing our wireless infrastructure projects and high school 1:1 program. Epiphany Management Group - Garaway: Technology support for Garaway since the fall of 2012. The company implemented the wireless infrastructure in the district. The technology support has been integral in implementing our 1:1 initiative at the MSHS and key in providing timely professional development for the staff. We are also converting to Google as a district with the help of Epiphany’s guidance.

Head Technology Educator - Garaway: The head technology teacher supports the staff with their technology questions and needs. They are integral in our district to help with technical issues and software needs.

Our two school districts have a tradition of using the shared services of an assistant treasurer. We want to broaden our innovative digital learning initiatives to grades K-2.

The goals of this initiative are student achievement, spending reductions in the five-year fiscal forecast and utilization of a greater share of resources in the classroom. We are also converting to Google as a district with the help of Epiphany’s guidance.

Epiphany

Played a lead role in designing and implementing our wireless infrastructure upgrades with a very successful 1:1 program at our high school in 2012. He also designed and implemented an iPad / Apple TV project with our high school and middle school teachers to allow for successful wireless coordination throughout the classroom. Kyle Otto - Indian Valley: Technology Assistant since 2011 and assisted in implementing our wireless infrastructure projects and high school 1:1 program. Epiphany Management Group - Garaway: Technology support for Garaway since the fall of 2012. The company implemented the wireless infrastructure in the district. The technology support has been integral in implementing our 1:1 initiative at the MSHS and key in providing timely professional development for the staff. We are also converting to Google as a district with the help of Epiphany’s guidance.

Head Technology Educator - Garaway: The head technology teacher supports the staff with their technology questions and needs. They are integral in our district to help with technical issues and software needs.
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.

Student Achievement: From our locally funded 1:1 initiatives with Chromebooks at our high schools, we see the benefit of devices in the hands of students to access modern web tools that enhances their learning experiences. Under this initiative, we look to get similar results in grades K-2 with Nexus 7 Android tablets due to the number of educational apps in reading and math geared towards the primary level. In addition, tablets are easier for younger children to use. This initiative will also increase comfort with technology and digital learning, which will allow students to be more prepared for when they begin taking the PARCC tests in third grade. Spending Reduction in the Five Year Fiscal Forecast: Under this initiative, we would reduce costs that would have gone into other instructional materials such as workbooks, textbooks and teacher resources. Students will have access to a variety of free interactive Android apps and other online educational resources in place of traditional materials and resources.

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:

a. Enter a project budget

b. 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.

c. If subsection (b) is not applicable, please explain why, in addition to how the project will demonstrate sustainability and impact.

Project Budget - 300 Nexus Devices for each grade k-2 and their teachers at Indian Valley elementary buildings and 100 Nexus devices for Garaway elementary buildings.

$69,000.00. - 300 protective cases for the Nexus 7 devices. $5000.00 - Materials needed to create the custom charging totes for each sets in grades K-2. $2000.00 - Funds for Apps for Nexus 7 split equally between the districts. $10,000.00 Total Costs = $86,000.00

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

86,000.00 * 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, RTT 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 overall budget requested in the grant includes: $800 (30 tablets for each grade level) Nexus 7 Android tablets with protective cases and one tablet per teacher in K-2 for our two school districts. The total for the cases and tablets is $74,000.00. We will engineer custom charging totes for all the Nexus 7 Android tablets for a total of $2000.00, which is less than the cost of even one iPad charging station cart. Lastly, we are asking for $10,000.00 shared between the two school districts for purchasing educational apps for the Nexus 7 Android tablets. Our districts have spent around $100,000.00 in the past two years to acquire wireless infrastructure in our elementary buildings capable of supporting a digital learning initiative such as this. The current technology staff at both school districts will also implement this initiative, thereby not accruing additional staff costs that aren't already being paid. We will also support this initiative with local funding to cover all professional development that would be needed to successfully implement this initiative.

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.

12,000.00 * 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.

Through this initiative, we expect to have recurring costs of roughly $6,000.00 a year for each of our school districts ($12,000 combined). These recurring costs would include replacements of broken devices, possible purchasing of new apps and any professional development that would be needed after the grant expired. Due to the ease of maintaining the Nexus 7 Android tablets, we will not have the need to add additional technology support to maintain the devices.

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

25,000.00 * 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.)

We expect to see savings in the following areas under this initiative: Workbooks/Worksheets: Under this digital initiative, we believe our districts can each save around $5,000.00 ($10,000 combined) a year in reducing the amount of K-2 workbooks needing purchased as it can all be done digitally on the tablets. - Copy/Paper/Toner Costs: Our school districts expect to each save around $1,000.00 a year ($2,000 combined) in this area as assignments and worksheets will not longer need be printed out. They can easily be submitted back to the teacher digitally. - Classroom Computer Reductions: Each of our school districts have 2-3 student desktop computers in each of our classrooms in grades K-2. Under this initiative, we would no longer replace those devices resulting in a combined estimated savings of $37,500 for Indian Valley and $20,000.00 for Garaway within the next five years. This equates to $7,500 and $4,000 respectively each year ($11,500 combined). - CPS Clickers Replacements: Indian Valley uses K12 Instrution CPS student clickers for formative instructional practices in each of our K-2 classrooms. Under this initiative, we would use free apps such as Socrative and Nearpod for these purposes and would not need those devices. This is estimated savings of $1,500.00/yr for Indian Valley and create a new opportunity for Garaway students and teachers.

All these changes are reflected for each of our districts in our financial impact reports.

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 in maintaining the project. 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 in maintaining the project. 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 in maintaining the project.

Through this initiative, we would expect to have recurring costs of roughly $6,000.00 a year for each of our school districts that would cover replacements of broken devices, possible purchasing of new apps and any additional professional development that would be needed after the grant expired. Both of our school districts feel this can be easily self-sustained due to the various savings we mentioned in the previous question that we expect to see. Those expected savings would be a combined $25,000 a year for the project, which would make this digital learning initiative easily self-sustainable.

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 entites.)

* Proposal Timeline Dates

Plan (MM/DD/YYYY): 01/08/2014

* Narrative explanation

We will begin our plan on January 6th by placing the orders for all the items requested in the grant. We expect that it will take up to 3 weeks for all the items to come in. Once they arrive, we expect another 1-2 weeks to have all of the devices ready and the custom charging totes created. Stakeholders for this project include Indian Valley and Garaway K-2 teachers, technology personnel, administration, curriculum directors and treasurer office personnel. The districts have met throughout the grant process to communicate ideas and have agreed to share personnel.

Implement (MM/DD/YYYY): 02/14/2014

* Narrative explanation

We will begin the actual implementation on February 14, 2014. We will have professional development with staff on this day to implement this initiative. Fortunately, each of our districts have an already approved Waiver Day for February 14, 2014. K-2 teachers from both districts will have a combined training session that day for the initial launch. Once the program is implemented the stakeholders will set up a Google plus community so that grade level teachers can collaborate with each other across our districts. Technology personnel will communicate with each other to make professional development seamless. Ongoing professional development will be scheduled by Garaway and Indian Valley working cooperatively to schedule early release time for K-2 staff. We would also look to schedule a common Waiver Day for 2014-2015 as well. Finding common time for the professional development is the largest barrier, but minimal.

Summative evaluation (MM/DD/YYYY): 05/05/2014

* Narrative explanation

A summative evaluation will occur at the end of the 2013-2014 school year and reported to each local Board of Education. Evaluation of the project will focus on each of the objectives of the project.
19. Describe the expected changes to the instructional and/or organizational practices in your institution.

The shift from traditional workbooks and consumables to the digital platform offered by the Nexus 7 Android tablet represents a shift to a 21st century learning environment. Young children are growing up as natives in a digital world. These young minds enter school and are asked to learn by doing activities that they have difficulty finding engaging. First, literacy will be made on student learning, particularly with our focus on the primary grade levels. Making sure young students get off to a good start with reading and math skills is essential in helping them be on track for not just legislative mandates like the Third Grade Reading Guarantee, but with an academic foundation that will serve them the rest of the academic careers and lives as a whole. Getting a strong start with reading and math skills will reduce the need for remedial instruction for these students and increase the chances that children will reach the college readiness levels that are needed for them to be successful in higher education.

The savings this affords this district would easily be able to implement this initiative as long as they have a good enough wireless network infrastructure in their building. With the approval of this gift proposal, we would make all of our research and documentation available on our school website so as to properly implement this initiative for our school districts throughout the state for their own implementations. We would also be happy to share this project with other schools throughout the state to come do site visits to see the initiative in action. Brian Dittrich, Indiana Valley’s Technology Director, would also be willing to present on this initiative at various educational conferences throughout the state.

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

Studies show that when teachers collaborate with each other achievement increases. (http://www.districadminstration.com/article/benefits-teacher-collaboration) With two districts collaborating at each grade level K-2 the educational impact for student learning should be even greater. Differentiation for the students, being able to work at their level, should show significant gains in their educational performance. (http://www.relations.org/article/benefits-teacher-collaboration) The Nexus 7 will be one piece of our continuous effort adapt instruction to student need in order to see students learn the most.

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

**Yes**

22. If so, how?

Districts would easily be able to implement this initiative as long as they have a good enough wireless network infrastructure in their building. With the approval of this grant proposal, we would make all of our research and documentation available on our school website so as to properly implement this initiative for our school districts throughout the state for their own implementations. We would also be happy to share this project with other schools throughout the state to come do site visits to see the initiative in action. Brian Dittrich, Indiana Valley’s Technology Director, would also be willing to present on this initiative at various educational conferences throughout the state.

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

The value offered by using Nexus 7 Android tablets, in conjunction with Google Play for Education, is tremendous. As mentioned, the device is more affordable than the popular iPad. The savings this affords this district would easily be able to implement this initiative as long as they have a good enough wireless network infrastructure in their building. With the approval of this gift proposal, we would make all of our research and documentation available on our school website so as to properly implement this initiative for our school districts throughout the state for their own implementations. We would also be happy to share this project with other schools throughout the state to come do site visits to see the initiative in action. Brian Dittrich, Indiana Valley’s Technology Director, would also be willing to present on this initiative at various educational conferences throughout the state.

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.

**Student Achievement** There are many benchmarks related to student achievement in grades K-2 which include: * -STAR Testing -DIBELS Scores -Discovery Ed Assessments -State Diagnostics related to the Third Grade Reading Guarantee -Teacher created assessments as related to Student Learning Objectives (SLO’s) -Other benchmarking features that may perhaps be “built-in” to apps obtained from Google Play for Education Ultimately, the benchmark measures above lead to improved performance data in areas such as: -Student achievement scores on the state report card -Performance Index -Student growth for all in subgroups -Teacher performance as measured by the Ohio Teacher Evaluation System -Gap closing as demonstrated by AMO scores Spending Reductions in the Five-Year Fiscal Forecast -Spending reductions in the five year fiscal forecast are realized by the savings over the five-year period paying for the project. Specific areas of savings include: -Workbooks/Worksheets -Copy/Paper/Toner Costs -Classroom Computer Reductions -CPS Clickers Replacements Utilization of a Greater Share of Resources in the Classroom The nature of the project itself puts a greater share of resources in the classroom; the Nexus 7 Android tablets are an educational resource in and of themselves. This is sustainable over time because of the annual savings in other areas will allow us to replace devices as necessary. The affordability of the Nexus 7 as compared to an iPad makes this realistic. Additionally, a greater share of resources in the classroom is realized because the availability of apps through Google Play for Education is inexpeansive and will continue to grow over time. The number of free, or very inexpensive, apps that can easily become a classroom resource at any time during the school year. This is “fluid” in both type and quantity. Once an expensive workbook is purchased for the year, it is static. It can neither be updated nor can new material be purchased at those prices. This innovative initiative provides greater resources to the classroom teacher at a fraction of the cost.

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.

Our plan to evaluate the impact of this concept relies on various benchmarks used for student achievement in grades K-2. -STAR Testing -Students reading levels are measured three times a year to observe growth. -Data will show both long term and short term effectiveness. -DIBELS Scores -The foundational reading skills that DIBELS tracks are measured three times a year for all students. -Students found to be at risk on DIBELS receive additional instruction to the core reading program through RtI. These students are “progress monitored” bi-weekly. -Student in RtI are grouped by common deficiency to enable teachers to provide targeted intervention. -Data will show both long term and short term effectiveness. -Discovery Ed Assessments -Students progress and growth in both the reading and math common core standards are measured three times a year. Data is used by classroom teachers to adjust instruction. -Data will show both long term and short term effectiveness. -State Diagnostics related to the Third Grade Reading Guarantee -Students are given the state diagnostics at the start and end of the school year. Students “not on track” at the start of the year have a Reading Improvement and Monitoring Plan. Data collected and benchmarked progress may vary by student. -Data will show long term effectiveness. -Teacher created assessments as related to Student Learning Objectives (SLO’s) -Whole course assessments over common core standards in both reading and math are given at the beginning and end of the year. The purpose is to show student growth. -Data will show long term effectiveness. -Other benchmarking features that may perhaps be “built-in” to apps obtained from Google Play for Education -Dependent on the app, data could show short term and long term effectiveness. We are data based decision making schools. As data reveals area of need, addition apps could be found and downloaded the Nexus Android Tablets to differentiate for student needs. The Nexus 7 will be one piece of our continuous effort adapt instruction to student need in order to see students learn the most. Ultimately, the benchmark measures above lead to improved performance data in areas such as: -Student achievement scores on the state report card -Performance Index -Student growth for all students in all subgroups -Teacher performance as measured by the Ohio Teacher Evaluation System -Gap closing as demonstrated by AMO scores

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 “Accept” and indicate your name, title, agency/organization and today’s date.

Accept

1. Yes

2. No

Accept the Wentworth Superintendent Indiana Valley Local Schools October 25, 2013