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Adjusted Allocation: 0.00
Remaining: -798,000.00
Beaver Local (046425) - Columbiana County - 2014 - Straight A Fund - Rev 0 - Straight A Fund - Application Number (531)

**Application**

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

1. Project Title: Building a 21st Century School from the Ground Up, literally

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.

We believe that technology is the link between both this goals as with increased availability for our staff and students we will be able to achieve our vision with a long range reduced cost.

3. Total Students Impacted:

2000 3. Total Students Impacted:

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

First Name, last Name of contact for lead applicant: Kent Polen
Organizational name of lead applicant: Beaver Local School District
Unique Identifier (IRN/Fed Tax ID): 046425
Address of lead applicant: 13093 State Route 7
Phone Number of lead applicant: 3303856831
Email Address of lead applicant: kent.polen@beaverlocal.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.

**Straight A Fund**

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

* 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.

The Beaver Local school district has designed their new K-12 building that allowed the educational needs of the students determine the design of the building. The building focuses

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 research-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:

Through a joint venture with OSCC, Beaver Local is in the midst of constructing a K-12 building that allowed the educational needs of the students determine the design of the building. The building focuses on the learning styles of the students and moves past the industrial design of schools from the 20th century to one that focuses on the needs of students. The design of the building and the use of the internet/cloud based computing will increase student achievement and reduce spending in the five-year forecast through staff reductions and drive more money into education. 1) Provide professional development that will focus on 21st century skills. Plus demonstrate how these skills might be used in learning studio settings. 2) Move away from these are the classes we offer, to what are your goals and this is how we can help you meet the goals. 3) Provide 1-1 devices that will allow for flipped, blended learning opportunities, peer learning, collaboration, 24/7 access for learning opportunities. 4) Increase internet connection opportunities for community members. Beaver Local is an Appalachian district with over 93% of students on free/reduced lunch. Our families value education but many lack the means to provide items necessary for students to be successful in the 21st century. As a district we feel it falls upon us to level the playing field by providing educational opportunities to prepare students for their future.

For the 1-1 devices our students will be hindered when going into the job field and/or furthering their education.

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.

We have taken the first step in designing a new model of education, next we must implement the design. We are building a school that focuses on 21st century skills and we have started an iPad pilot program with 1/4 of our staff participating. We have teacher buy-in and we have raised awareness with families and community members. Now we must provide the instruments to enable the change.

Through intensive and individualized professional development teachers will re-invent educational pedagogy in Beaver Local that will be personalized, learner driven, tech-enabled, cost effective and easily applied to all levels. With classroom sets of iPads in grades K-6 and iPads the students can take home in grades 7-12 we will increase collaboration, communication, critical thinking and creativity. Even though the plan is dependent on technology, technology is an active supporter in the changes in educational pedagogy that have been started at a grass roots levels. With the 1-1 devices we give the students the opportunity to learn on their terms not an antiquated agrarian calendar. We are piloting a Learning Management System (LMS) that will

**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:
   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.

| iPads: $758,000 | OOPD: $ 40,000 | Total: $798,000 |

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

* Total project cost

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

* Specific amount of new/recurring cost (annual cost after project is implemented)

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

* Specific amount of expected savings (annual)

17. Provide a brief narrative explanation of how the project will be 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.

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.

**Proposal Timeline Dates**

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<th>Plan (MM/DD/YYYY):</th>
<th>01/10/14</th>
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<tbody>
<tr>
<td>Narrative explanation</td>
<td>Planning for implementation of the 1-1 with iPads, blended learning and/or online classes will be ongoing. We will begin working and planning with teacher during the waiver days in January, February and March of 2014. We will also have release days for grade levels and subject areas. Even though we might bring in experts much of the PD can be done with our own staff through a SciCamp style PD sessions. Students will begin using the devices in March of 2014. This time will be used as experimental time with teachers. We will hold monthly parent meetings to discuss and demonstrate how iPads will be used in the classrooms.</td>
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<th>Implement (MM/DD/YYYY):</th>
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<tr>
<td>Narrative explanation</td>
<td>We will begin experimental implementation in March of 2014 with full implementation in September 2014. Before the full implementation period in September half day workshops will be held for students to introduce the iPad, security, Google Drive, and expectations for using the device. The 2014-15 school year will be considered the implementation year with workshops and meetings for teachers, students and parents.</td>
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<th>Summative evaluation (MM/DD/YYYY):</th>
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<tr>
<td>Narrative explanation</td>
<td>The summative evaluation will be completed in June of 2015. During meetings and workshops exit slips and surveys will help determine effectiveness of the program and what adjustments need to be made. Formal surveys will be sent out every six months to gather information that will determine what help is needed. Based upon the formative evaluations further steps may be required to ensure the success of the program. The summative evaluation will consists of surveys and interviews. Plus, the treasurer will prepare the five year forecast to see if we are meeting our goal of saving money.</td>
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</table>

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

**Even though we know that technology is an important part of 21st century learning as educators we must change our pedagogy to match that of the 21st century. Through intensive professional development we will help change the pedagogy of teachers in Beaver Local and that is when we will see the true benefits of our new K-12 building and the technology. If we build the school and by the latest technology but fail to provide the need professional development then we will fail the students of Beaver Local.**

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.

**Through our iPad pilot program, even though we have limited iPads, students have been able to demonstrate the 4C's (collaboration, communication, critical thinking and creativity) of 21st century skills. We started the pilot program with 5 teachers and it has grown to over 30 teachers. Through attest we will be able to absorb three teaching positions. Even though we are not replacing 3 teachers students will have more academic choices through the use of blended and online classrooms. Not only will this allow for students to share resources but we will allow us to create lessons and unit across-curricular. By developing these lessons and units students will have a better understanding of how subjects are interconnected.**

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

<table>
<thead>
<tr>
<th>Yes</th>
<th>No</th>
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22. If so, how?

**Once this project is in place we will hold semi-annual workshops for schools to come in and learn about our experience. We will keep detailed notes that will include and mistakes we made or unexpected results from the program. The timeline to implement the program would be very similar to our timeline. Schools need to realize how important PD is before full implementation takes place. If we do not train...**
23. Describe the substantial value and lasting impact that the project hopes to achieve.

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.

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

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.