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Adjusted Allocation: 0.00

Remaining: -435,000.00
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: I.M.A.G.I.N.E

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.

The concept of this project is to shift our school district to upgrade and to begin to shift the educational paradigm in K-12 education. As a career technical center, is certainly my hope that we fully engage our students on college and career readiness and evolved to the technically embraced global world. Within this project, our district will transform our students and staff to the concept of a flip-model classroom, using tablets and engaging methodologies to enhance the learning and teaching experience; while challenging our staff to use technology to help save paper, become more efficient in their job and to make education a world without walls.

1500 3. Total Students Impacted:

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

First Name, last Name of contact for lead applicant: Glenn Faircloth
Organizational name of lead applicant: Lorain County JVSD
Unique Identifier (RN/Fed Tax ID): 151227
Address of lead applicant: 15181
Phone Number of lead applicant: 440 774 6941
Email Address of lead applicant: 15181 State Route 58, Oberlin OH. 44074

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 (RN/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 (RN/Fed Tax ID), Address, Phone Number, Email Address of Contact for All Secondary Applicants in the box below:

This proposal will be directed and implemented with the vision and leadership of Lorain County JVS Superintendent, Dr. Glenn Faircloth. Sustainability monitoring and support will be provided by Cory Thompson, Lorain County JVS Treasurer. Dr. Faircloth has held a variety of leadership positions in both comprehensive and career-technical schools. His educational background consists of a Bachelor's Degree in Science and a Master's Degree in Urban Educational Leadership both earned at Central State University. He also has a Doctoral degree in Educational Leadership from Miami University in Ohio. Dr. Faircloth is a veteran of the U.S. Army having received several certificates and a citation. Mr. Thompson has been a School Treasurer since 2001. He earned his Bachelor's Degree in Business Administration from The Ohio State University and has also served as an auditor. A team of administrators, teachers and other school personnel has also been assembled to support the design and implementation of the proposal. Experience ranges from the principal with 27 years in education as an administrator, supervisor and classroom teacher to several instructors relatively new to the profession. While new to education, those team members have extensive experience in business and industry. Team members also have relationship rooted deeply in the state and local social service, nonprofit and workforce development systems which will enhance the delivery of services to students and their families.

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.

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.

Lean Ohio
Six Sigma is a company that generally work with non-school districts to look at capital efficiencies within an organization. Six Sigma is a national company that have trained thousands of thousands of companies that were able to use their suggestions to save millions of dollars, respectively. The unique use of this companies expertise will give us data and recommendations that could possibly assist the JVS in savings of up to $50,000 per year. In my years in education, we have yet to really gain a true study of our human capital and how we can become more effective and efficient; hence reducing cost.

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 I.M.A.G.I.N.E project scope is to ensure that all students have the ability to use electronic devices i.e Tablets to engage in the educational process. Students will have over 90% of all curriculum, inquiry based projects, interactive conversations and homework submitted and acknowledge through interactive teaching with the use of technology; hence a flip-model concept. Students and instructors will be able to use this application to create web and real-world engagements. Students will begin to have the ability to self teach and have provocative dialogues with their instructors. In order to allow such an interactive, hybrid teaching and learning model, we will need to increase are computer server capacity, our Internet band width to accommodate at home learning or for students with medical and physical abilities, and the use of hardware and tablets for all students. This model will also address the absence of true interaction with students and teachers, it eliminates the "fast as the slowest student: pace" and allow for education to be more relevant and more identifiable to the students and the mounds of mounds of paper being use in our school district. We will essentially become paper-less and reduce cost of text books with the use of e-books and updates allowing students to have current information. The second component of this project is to use the tenants of Six Sigma to give us suggestions on how to become more efficient with our human capital. Using Six Sigma, will allow for us to eliminate duplications in job duties, share ways to become more efficient in the delivery, handling and documentation of equipment being used and provide us with suggestions on how to use the personnel that we have more effectively during a true 8 hours shift, perhaps eliminating or reducing the need for a second shift or weekend hours.
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.

Goal 1: Student achievement: This project will meet the goal of student achievement by allowing for the student to become more interactive with the World. Students will be able to work on assignments in a non-traditional way with the use of the "flip-model" this will allow for the learner to submit assignments, interact with the instructor, access information, engage with other learners, and perform activities and assignments through web, Blackboard, video and/or through virtual. Goal 2: Spending reduction: This project will reduce spending by significantly eliminating the amount of paper by nearly 80%, eliminate text books by 90%, increase human efficiency and warehouse errors by 30%. Goal 3: Share resources: This project will allow for the upgrade for a computer server, internet band upgrade, ultimately allowing for students to share their educational experience with other learners, while at the same time, the district will reduce the amount of CPUs needed.

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.

NA

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

435,000.00 * Total project cost

* 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.).

The school would like to purchase an application server (with 1,000 concurrent sessions) to allow remote access for all students and staff. This would allow for our students and staff to access their "MY Documents" as well as all school owned software programs such as Microsoft Office from any remote location with internet access. The total cost of implementing this part of the project was quoted from 2X software at $75,000 ($11,000 installation, $52,000 software and $12,000 equipment). The School will also need to purchase a Storage Area Network (SAN) to accommodate a digital media server to allow for the storage and retrieval of digital media. The Digital media server will cost $100,000 ($5,000 installation, $20,000 software, $75,000 equipment). Professional training will be needed for the Technology and teaching staff at an estimated cost of $10,000. The final piece to the project would be to buy and install interaction projection systems in 100 classrooms to tie everything together. These systems cost $250 each ($500 installation, $2,000 equipment) for a total cost of $250,000. This project allows electronic books, reference materials and all other forms of digital media to be purchased instead of hard/soft copy books and allow students could continuous access both in school and remotely from any internet capable device. Digital videos could be accessed from any classroom or from home, once the sessions could be recorded, saved and played later by students and staff, allow for multiple student classroom and remote interaction, reduction of shadows of instructor and improved functionality through non-proprietary applications.

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.

35,300.00 * Specific amount of new/recurring cost (annual cost after project is implemented)

* Narrative explanation/rationale: Provide details on the anticipated savings (i.e. staff counts and salary/benefits, equipment to be purchased and cost, etc.)

The original cost to purchase, install and train on the new system will be covered by the Straight A grant in FY14. A three year warranty comes on all hardware, and an annual maintenance agreement of $1,000 for both the application server and digital media server (totaling $2,000) will start in FY17. There is annual recurring license cost for the application server ($13.30 per concurrent session) at $13,000 and for the Digital Media Server at $5,000. The Interaction Projection Systems are also covered under a three year warranty. No maintenance agreement will be pursued on these systems based on the cost of the item and value of the item after the warranty has expired. Any software upgrades over the next five years will be covered under the annual license agreement. An additional cost will be the need to buy more bandwidth to allow for remote access. The cost to double our bandwidth will be just under $15,000 annually starting in FY15.

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

116,000.00 * 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.)

Expected savings from the project will come in several different forms. Currently the school has a computer replacement cycle where 100 computers at $1600 are being purchased annually to replace older machines. The application server will allow the school to buy 100 tablets or lower end computers priced around $500 saving the district $110,000 annually. The application server will also allow the school to buy a server license instead of a per computer license on software applications like Microsoft Office and Adobe Acrobat as well as on antivirus software and other software applications, saving the district $6,000 annually. The district will also use the current annual textbook budget ($85,000) to phase in digital media for the Digital Media Server and phase out text book and reference materials purchases over the next couple of fiscal years.

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.

With this project, there will be a one time up-front cost for the upgrade server, tablets, and hardware on the IT side, however, after the initial purchase of the server and the other components, the savings will be realized after the initial purchase and no ongoing costs will be needed. Our IT department will be able to support all maintenance and other issues that might occur. The purchasing of student's Tablets, will be sustained by having each student pay a $200.00 tech fee. This fee will go into an account that will compound this money for three years until needed. The three years will be offset by the three year lease of the Tablets that will include a 100% replacement or repair if damage, and/or malfunctions. At initial estimates, we will lease 500 tablets at approximately $500.00 per tablet, this will include a three year warranty. We will still collect the $200.00 tech fee each year, per thousand student, this will create an account that will collect an estimated $20,000 per year; hence in three years, an account with nearly $60,000 will be obtained. After the initial purchase, we will only use $25,000 giving the account a $35,000 yearly carryover. With the use of this technology we will begin to reduce the district's paper use; on average, our District will spend over $32,000 per year on paper. We believe that we can reduce that to by $20,000 per year if we were able to use the interacting learning, this will reduce the need for printed test, printed homework sheets, printed syllabus, printed grade cards, etc... In using the upgraded computer server, we can minimize the purchase of CPUs and operate using monitors, keyboards and a remote device to log on to the server and continue the day-to-day operation. This will net our district with saving over several thousands a year. Finally, the use of Six Sigma, we believe that we could not a savings of over $50,000 just by using our human capital more efficiently and by reducing warehouse waste.

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): 08/18/2014

* Narrative explanation

If awarded, we plan to have many community engagements to share the flip model concept and to explain the benefits if this model.

Implement (MM/DD/YYYY): 08/18/2014

* Narrative explanation

We would like to implement this process quickly at the beginning of the school year. Our district have began the conversation and have some small implementations of this model. Due to funding, we are still in the works of developing this concept. It is our plan to use this concept to explore some unique non-traditional academic work.

Summative evaluation (MM/DD/YYYY): 08/22/2016

* Narrative explanation

After creating a baseline study of the group of students, staff and processes that are currently being used, we will then have some data to use in order to make future decisions and vision of were this concept could go.
19. Describe the expected changes to the instructional and/or organizational practices in your institution.

The expected changes and instructional/or organizational practices will consist of reduce use of paper, textbooks, students inability to receive their school lesson when absence, increase student engagement and achievement, and increase the efficiency of our human capital resources.

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 for this project is that their is a need for education to shift. Students are learning from a digital world and why should schools hold them back? Our hope is that by allowing students to be engaged through a hybrid type learning style, student will be able to become more engage with the learning process and be able to have a world of information at their fingertips. This project will force teachers and students to become more active and more challenged when delivering the curriculum. This project also addresses the issue of staffing. We can finally begin to obtain real data and suggestions on how to use our personnel more effectively. Many companies have used Six Sigma to address their human capital efficiencies, unfortunately, no school district that I could contact have ever used such a method.

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

Yes

22. If so, how?

Districts can begin to realize that learning should not be taught in a box and that with the use of technology and hybrid type educational delivery centers, students can become more engage, speed up their classroom time and begin to pursue higher educational attainment. By becoming paper-less and reducing traditional text books, district can not only save millions, but students can obtain updated information on a regular basis through e-books or other medias. Certainly, as school officials, we all have experienced personnel cuts, but we rarely know how to begin to delivery services more efficiently and less redundant. Six Sigma will help help us with this. Finally, using the upgraded servers, districts can allow remote access to the server and not have the need to purchases CPUs. All day-to day work can be still achieved with this approach. Schools such as ETEC near Columbus, have gone to a similar approach.

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

The hope is that the lasting impact would be more students are recruited because the new excited method of the flip model approach; hence allowing for the student to be fully engaged with the use of technology. The other component of this project, that includes upgraded computer server, internet wide-band and hardware, the sustainability will be the fact that with the use of this particular server, we will not have to buy full PC's, we will be able to run all programs from the server, this will eliminate the cost for the individual hardware. We will purchase monitors, keyboards, and remote devices that will allow for us to have a wireless connection, NO CPU needed with this process. Also, with the purchase of tablets for the students, we reduce the amount of text-books purchases and the amount of paper being used in the school district; ultimately, creating a paper-less education. Additionally, our hopes is that Six Sigma will give us the training to begin to identify duplications in job duties, warehouse waste, and human inefficiencies.

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.

We will be benchmarking the current five year forecast with the forecast of each of the next five years to make sure the financial savings are achieved. We are currently tracking downtime related to and time being software and hardware issues and will benchmark that data each year for staff efficiency. We will collect data on the number of resources and the amount of time each resource is accessed by the students this year and each year thereafter to benchmark the goal of greater resources in the classroom. Data on grades, project completion, attendance, summative assessments, standardized test results, informative assessments, engagement and discipline will be collected and compared each year to benchmark Student Achievement.

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.

The plan that will help to evaluate this project will start by looking at our annual budget. By looking at the budget will be able to determine the amount of savings that will be saved. We will also use random surveys to ask the students about their experiences with the “flip-model” and how they are adjusting and their concerns. Within the implementation of Six Sigma, we will be able to use “time on task” surveys to determine what work is being done and the amount of time that each task is taking.

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.

Signed: Dr. Glenn Faircloth (Superintendent) Lorain County JVSD. 10-02/13