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**Adjusted Allocation**: 0.00

**Remaining**: -116,240.00
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: Edgerton Digital Learning Innovation Program

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.

3. Overall description of project and alignment with Outcomes

4. Lead applicant primary contact: - Provide the following information:
   - First Name, last Name of contact for lead applicant: Tracy Rendleman
   - Organizational name of lead applicant: Edgerton High School
   - Unique Identifier (IRN/Fed Tax ID): 009894
   - Address of lead applicant: 111 E River Street
   - Phone Number of lead applicant: 4192982331
   - Email Address of lead applicant: trendleman@edgentons.org

5. Secondary applicant contact - Provide the following information, if applicable:
   - First Name, last Name of contact for secondary applicant: Paul Diaz
   - Organizational name of secondary applicant: Edgerton High School
   - Unique Identifier (IRN/Fed Tax ID): 009894
   - Address of secondary applicant: 111 E River Street
   - Phone number of secondary applicant: 4192982331
   - Email address of secondary applicant: pdiaz@edgentons.org

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.

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.

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.

**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.

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 are pursuing the Edgerton Digital Learning Innovation Program Grant to provide digital content access for students and staff, and to support teachers and students as we continue to align to the Common Core State Standards, embed Universal Design for Learning principles into curriculum and instruction, and prepare students for the PARCC assessments. The ELS (Edgerton Local Schools) has made strides toward this goal, as evidenced by piloting the high school science Discovery textbook in the 2012-2013 school year, but is lacking funding to complete the development of the program to its fullest extent. Through the pilot program we have seen the strengths of the digital platform and the weaknesses of our infrastructure, and proceed to adequately move forward with a long term implementation of the textbook. Our grant proposal has 2 key activities (referred to as Activities 1 and 2).

Activity 1: Infrastructure development to support new technology initiatives
   - Activity 1: Infrastructure development to support new technology initiatives (Science Ed-Textbook, Grades 4-10 (Discovery Education-Textbook) and iPad integration. Together, these activities work together to support the vision of digital innovation in Edgerton Local School System. They will allow the ELS to pursue digital learning in an environment where there will be fewer hindrances to our success and allow students to excel in developing their science and learning skills.

Activity 2: Science Education Technology (SciTech) - Technical and Professional Development
   -SciTech - technical and professional development (students and teachers)
learning program that includes in-person workshops, model demonstration sessions, and one-on-one coaching that empower educators to make the shift to create immersive, personalized learning experiences that engage students in ways that ensure their career and life success. This grant initiative will strive to support our educators as they move towards models of learning using effective pedagogies to provide students opportunities for highly personalized learning, including the opportunity to express new skills and knowledge in dynamic and meaningful ways. Ultimately, we want to support our school leaders, classroom teachers and students in the creation and use of authentic content and project-based learning to dramatically improve proficiency, increase graduation rates, and ensure students are prepared and ready for success in college. Our school improvement plan identifies several features of this grant proposal as important directives for the ELS. Four of the key areas identified in the school improvement plan directly relate to the grant program. We are planning to impact teaching and learning by using technology in a more efficient and real world setting. We are providing framework for our staff and teachers to participate in professional development in order to use the techbook and new technology to its fullest advantage in our classrooms improving student performance and to better serve those students identified by #EP or #SSA plan. (1.2 Technology that Impacts Teaching and Learning; 1.3 Professional Development to Improve Student Performance; 1.4 Instructional Materials and Educational Materials; 1.14 Systems of Intervention and Special Education)

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.

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

116,240.00 * 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 costs and salary/benefits, equipment to be purchased and cost, etc).

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.

0.00 * 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 costs and salary/benefits, equipment to be purchased and cost, etc.). If there are no new/recurring costs, please explain why.

Every six years ELS will need to purchase new licenses for Discovery Techbook. The school currently has a budgeted rotation schedule for new textbooks for each department/grade level and this will fall into that already budgeted plan. The techbook is cheaper than traditional textbooks therefore the district will spend less money than traditionally budgeted for, which will save the district money. Traditional textbooks cost on average $85/student*. This price does not include PD for staff, teacher materials, workbooks, or exam view style software. The cost of the Discovery Education Techbook is significantly lower at a cost of $38/elementary student, $40/middle school student, and $55/high school student. This number includes total cost to run the program, PD for our staff, exam view style software, and all lesson planning materials. The iPads will need to be updated/replaced over time as newer technology makes them obsolete or unable to be used. There is a replacement plan in our current technology budget that would allow us to replace/repair the iPads as needed and with the money saved on the techbook purchase and reduced copying/paper costs this can happen without having to increase or change the district budget. We also purchased the maintenance plan provided by Apple for each iPad that will provide maintenance or replacement for the duration of the plan at no cost to the ELS.

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

10,000.00 * Specific amount of expected savings (annual)

* Narrative explanation/rationale: Provide details on the anticipated savings (i.e. staff costs and salary/benefits, equipment to be purchased and cost, etc.). See information included in answer to step 15. The district will also save money on paper and copying costs as the science classes will be greatly reducing/eliminating the amount of paper used in the program. The Discovery Techbook has a feature where all work completed in the program is submitted, assessed and corrected electronically. This includes projects, homework and summative exams. Another cost benefit to the ELS is that the science department will fund the majority of their PD through the purchase price which is already lower than in the past therefore reducing the cost of PD in the department.

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/recurrent costs detailed above. If there are no new/recurrent costs, explain in detail how this project will sustain itself beyond the life of the grant.

The grant will require ongoing commitments to establish and continue the Digital Learning Education Program. The most costly portions of the initiative are the infrastructure upgrades and initial outlay for the technology and all the support and equipment such as the chargers, carts, cases, apps and so forth. The school district will be able to support the technology with their current technology department staff and budget. The savings mentioned in question #16 will fund any repair/replacement costs that will occur over time or after the purchased maintenance plan expires. The staff involved will continue to get the most current training as part of the purchase price for the techbook making the entire system very 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 entitles.)

* Proposal Timeline Dates
Plan (MM/DD/YYYY): 10/25/2013

* Narrative explanation
Detailed plans for the infrastructure upgrades have been negotiated with our local technology consortium (NWOCA) for the labor and the vendors necessary to purchase the equipment needed for these upgrades.

Implement (MM/DD/YYYY): 2/14/2014

* Narrative explanation
The purchase orders will be placed as soon as the district has access to the grant funds.

Summative evaluation (MM/DD/YYYY): 6/1/2014

* Narrative explanation
The summative evaluation will be based on student achievement tests given spring 2014. We predict we will see improved scores on these tests but the best look at achievement will be garnered with the state student achievement tests in spring 2015.

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

Activity 1: Our overall vision for Activity 1 is to create and maintain reliable, consistent access to a common digital learning system where students can conduct their own research, have access to validated instructional content to perform their own research, compare resources, and collaborate with one another. Students have had limited exposure to on screen digital content for their own research and will
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.

ELS piloted the high school textbook for the state of Ohio last year so there is limited data related to its efficacy and outcomes. The elementary and middle school versions of the textbook have been in use for 3 years and has not to support their adoption and use. The following are qualitative and quantitative results from two studies using the Collier County Public Schools System in Florida. Technology Department and Administration.

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

No.

22. If so, how?

This project is ideally suited to be copied and adapted to other school systems. ELS has made a commitment to give our students the best education we can with the resources available to us. We partnered with the team from Discovery Education and implemented the high school science textbook in grades 9-10 last year. After working with the textbook for a year we see what the deficiencies in our current science instruction and our connections with the world of science and digital learning are and best ways to improve these systems. Through continued communication between all parties we have been developing solutions to each problem that has presented itself during this initial pilot. With the grant money we can see the project exploding into its potential for teachers and students in our district. We will provide insight and experience to the remaining science teachers in the district and the state to help them seamlessly implement a program like the one at ELS.

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

Our overall vision is to provide digital tools and platforms that engage students, enhance teaching and learning, and help educators transition to a digital classroom. The expandable Discovery Education content provides opportunities that will take students beyond the parameters of a typical textbook, and gives teachers and students opportunities to collaborate in a digital format. We envision that our digital platforms will allow our students the ability to upload and create their own content not only providing our students a digital pathway for demonstrating their evidence, but having them leading and managing their own learning experience. The online survey will be used to gather student feedback on the digital learning experience.

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.

Increase student data will be monitored throughout years 1, 2, 3 and 4 and documented to show increased student access to the selected learning environment.

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

* Identify 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 outcomes 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.

Year one: Digital Innovation Initiative to the Science Department, Technology Department and Administration. * Procure equipment and infrastructure enhancements to be completed. Timeline Jan 2014 * Discovery Education professional development/course offerings to teachers invited to attend minimum of 2 full-day sessions during the school year. Provide training on navigation and use of Discovery. * Provide professional development and technology workshops in the classroom. * Maximize Student Engagement in ELS content. * Establish an ELS collaboration environment to support Discovery Education teachers to share questions, tips, resources, etc. Provide online and just-in-time support using Blackboard Collaborate, Videoconferencing, My Big Campus, and/or Google Apps. * Create a curriculum that promotes 21st Century learning experience through use of digital delivery platform. * Parent awareness and involvement in utilizing digital resource outside of school building. * TIMS: Jan 2014 through June 2014 Year two and three * Integrate digital content and resources into the science curriculum and continue PD opportunities. * Promote ongoing PD and Common Core Academies (Discovery Education) availability * Identify and embed Discovery Education digital content into ELS science curriculum. Encourage teacher and student use of the online sharing platform to share digital assets. Timeline August 2014 - May 2015 * Monitor implementation including usage, troubleshooting, feedback, and best practices via currently established professional learning communities. * Measure the overall impact of the digital resource through increasing student achievement. As measured by OAA, OGT, and PARCC assessments and surveys results. Assist in development of future professional development. Timeline January 2014 - May 2015