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<th>Capital Outlay 600</th>
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Adjusted Allocation: 0.00
Remaining: -1,794,481.00
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: Operation Innovation: STEM Labs

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 STEM LAB in East Cleveland will increase student performance by positively impacting student achievement and teacher capacity, utilizing engaging resources and curriculum to address topics in science, math and engineering - as well as social studies, language arts and fine arts - through projects rich in applied technology and critical thinking. The STEM LAB will result in a reduction in the five year forecast by creating opportunities to study core competencies in technology without purchasing new materials each year, thus sustaining a high level of rigor without incurring additional costs. The STEM LAB will result in the utilization of a greater share of resources in the classroom because teachers would have access to a collection of STEM LAB resources carefully selected to meet and exceed specific academic goals and requirements, while allowing for research opportunities to prepare for college and career readiness.

2500 3. Total Students Impacted:

4. Lead applicant primary contact: - Provide the following information:
   - First Name, Last Name of contact for lead applicant: Myma Loy Coley
   - Organizational name of lead applicant: East Cleveland City School District
   - Unique Identifier (RNIFed Tax ID): 043901
   - Address of lead applicant: 1843 Stanwood Road
   - Phone Number of lead applicant: 216.268.6580
   - Email Address of lead applicant: mcorley@east-cleveland.k12.oh.us

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 (RNIFed 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 (RNIFed 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.

The team that will oversee the implementation of this initiative is the DLT. The DLT has tenaciously maintained a Continuous Improvement Plan designed in response to the academic needs of the students served by the District. The DLT is composed of administrators, community members, teachers and parents. The DLT gathers and responds to data utilizing the OIP. The DLT has been instrumental in providing feedback to the ODE in various pilots for the OTESS, the OPES, III cohort 5, social studies assessment pilots and many other offerings. No stranger to innovation, the DLT has evidenced its capacity to implement strategic initiatives by winning various innovative/competitive grants including but not limited to the RIT (RIT) Grant, the RIT Mini-Grant for Early Literacy, the SIG - Transformation Model, and the Alternative Challenge Grant. ECCSS has been at the forefront of school reform in partnering with colleges and university for evaluation of programs, implementing radical change to produce increases in student model, and generating innovation in our staff members for the benefit of our students. The RIT Grant afforded the District the opportunity to be amongst the first in the State to pilot the OTESS and the OPES. The District provided insightful feedback to the ODE in response to implementation. In accordance with RIT ECCSS aligned the curriculum to the new learning standards; field tested multiple student growth measure instruments, and implemented programmatic reforms to increase student achievement outcomes. A robust three tiered instructional improvement program has been implemented District-wide through RIT and SIG to ensure that students, teachers and administrators are empowered with instructional strategies to lead instructional excellence from every level. With a powerful emphasis on differentiation and individualized instruction the District implemented a series of professional development opportunities, coupled with job embedded instructional coaching to address the needs of our instructional staff. While the competitive SIG focused on one school in our District, the DLT ensured that the funds were leveraged to meet the overall goal of the District. Each funding source fit into the picture to ensure that, "All students in the ECCSD will show improved achievement outcomes through the delivery of timely, rigorous, appropriate instruction that utilizes differentiated instruction strategies daily in Reading, Mathematics and Science. The implementation of the Alternative Challenge Grant has allowed the team to focus on students with varying needs while leveraging the funds with the overall goal of the District. The team has utilized the OIP to monitor the implementation of every program. The data is collected and monitored to ensure adequate progress towards our goal. If there is a lack of progress, thorough examination is carried out to ensure fidelity of implementation. With the input of the BLT and the Teacher Based Teams and support of the SST, ECCSS has the capacity to implant this innovative program and monitor its impact on the overall goals of the grant and the goals of the District. We have successfully implemented various innovative projects and we look forward to enhancing the lives of the students in our District by offering comprehensive, innovative and systemic STEM reform.

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

This project will increase student achievement by implementing a bold and innovative STEM plan to address interdisciplinary teaching of scientific concepts, while enhancing students' creativity along with scientific investigation skills. The District will increase student achievement through hands-on projects in mathematics, science, computer graphics, mechanics and structures, robotics, media and publishing. The integrated curriculum will foster creativity, problem-solving, collaboration, critical thinking and self direction. Students will navigate through various guided lessons, and then develop an portfolio of experiments and presentations to enhance their personal learning and increase the student subject achievement of students in various core subject area. Teachers will receive comprehensive professional development to ensure that learners develop 21st Century skills and assess their performance. The STEM Lab will be utilized for all students to enhance science instruction and explicate
The STEM Lab concept has been proven to increase student achievement through project-based learning, challenging exploratory, integrative and relevant curriculum, student metacognition and ongoing formative assessment. This innovative method of teaching and learning will allow the District to deepen the impact of instruction and align harmoniously to the Next Generation Science Standards meta-analysis of 30 studies on the type of instruction featured in the STEM Lab. 27 studies showed positive results. The positive results were also evidenced on state-wide testing programs and various other assessment tools. The assessments utilize research based best practices according to The assessments are formative, ongoing, individual-based, based on clear criteria, and provide extensive feedback to each student. In extending their learning, students will have the opportunity to innovate by producing learning videos to teach and inspire their peers. The STEM Lab will also be self-sustaining after the term of the grant. There will be no new/recurring costs. The new cost is only a one-time expense to purchase the necessary equipment. The STEM Lab will be self-sustaining, yielding academic benefits and accessibility to resources for years to come.

17. C) Sustainability

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.

The project goal of this is for all students in the East Cleveland City School District to show improved achievement outcomes through the delivery of timely, rigorous, appropriate instruction that utilizes differentiated instructional strategies daily in reading, mathematics, and science. STEM teachers will deliver interdisciplinary instruction. Utilization of the Ohio Improvement Process will ensure that appropriate, reasonable and attainable goals are set at the District, Building, Teacher and Student Levels. The STEM Lab will ensure that we meet the intended outcomes of the initiative. The District Leadership Team in collaboration with the State Support Team had been involved with the Ohio Improvement Process. Utilizing input provided by the Building Leadership Team, stage 1 of the OIP, identifying critical needs of the District and the School was completed. After jointly identifying one critical need, a focused plan was developed which is stage 2. This stage focuses on the focused plan and stage four is monitoring the process, which will continue to be driven by stage one and the response in stage 2. The primary focus has been achieved.

The District is seeking to broaden and deepen our current science offerings to include the STEM Labs by taking a more comprehensive and systemic approach to engaging all students in a technology rich, STEM education program. This grant will support the District’s efforts to address the critical needs identified in stage one. Teacher Teams will collaborate to collect and chart student data; analyze student work specific to the data, establish shared expectations for implementing specific effective changes in the classroom; implement changes consistently across all classrooms; and the last step takes the team back to the first step to ensure the transfer this learning to future classrooms.

The STEM Lab will result in the utilization of a greater share of resources in the classroom because teachers will have access to a collection of STEM Lab resources carefully selected to meet and exceed specific needs for core academic content. The materials purchased will lend themselves to interdisciplinary, interactive, individualized instruction. The rubrics are also built into the electronic system which is web based for instant updates, instead of additional purchases. These SmartLab stations and software are installed; learning can be guided in this STEM environment for years to come. With the one time expenses that it takes to build the lab, it will be sustained through the web based interventions and online materials. The sustainability will also be evidenced in hosting STEM Summer Camps for our students in the District, rather than outsourcing and expending additional funds. Professional Development on advanced STEM concepts will be provided to our teachers without incurring travel or registration prices for other venues. The STEM Lab will give the District the ability to increase the capacity of the teachers and the achievement of our students by making the resources available through the web based environment for many years to come. The STEM Lab will also contribute to our promotion and graduation rate. All of these endeavors will empower the District to reach the first goal of our continuous improvement plan, “All students in the East Cleveland City School District will show improved achievement outcomes in the District.”

The STEM Lab will be self-sustaining; yielding academic benefits and accessibility to resources for years to come.

The total cost of the project is $1,794,481.00

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 Sustaintech 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, 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?

1,794,481.00  Total project cost

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 costs 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.

There will be no new/recurring costs because once the labs are built and the summer of innovation camps are complete the District will be ready to implement the labs fully during the school day and during the afterschool and Saturday school components that are already in place in the District. This is a one time expense to build and implement STEM Labs and implement a comprehensive District-wide STEM program from K-12.

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

50,000.00  Specific amount of expected savings (annual)

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

The District will save on Supplies due to the implementation of the STEM labs. The anticipated savings would be approximately $50,000 each year. The STEM labs feature experiment modules that are electronic and do not need replenishing. Also, the STEM labs utilize models and materials that are reusable and we would not need to replace those either. This would bring about a reduction of about $50,000 per year in supplies for ongoing use in the classroom.

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 to ensure the project remains sustainable. If there are no new costs, explain in detail how there will be no new or recurring costs. The efficiency that will be embedded as stakeholders matriculate through East Cleveland City School District’s STEM LAB will be sustained for years to come. The STEM LAB Model will build capacity for teachers and building leaders by aligning with existing resources that will lend itself to have far impacting influence on the performance of District students, teachers, building leaders, parents and the community. Teachers will build a systemic and collegial culture in which children will use the knowledge they have learned over their academic careers to perform real-world projects, develop critical 21st century skills and; build a solid foundation of STEM skills by completing real-world projects in a technology-rich environment. Teachers will facilitate learning which result in an increased level of preparedness for the scaffolding of the Next Generation Science Standards as well as interdisciplinary instruction. The learning pods will be a part of each building and the technology, because it is web-based, will be available with automatic updates at no additional cost to the District. Teachers will have access to an online system for assessing learning. The 240 learning launchers, the STEM lab curriculum and e-portfolio, the materials and technology will be a part of the District, and will not need to be updated for up to five years. This outlasts the life of a textbook, consumable work books, and replenishing materials, thus resulting in cost-savings for the District. The STEM Lab will be self-sustaining, yielding academic benefits and accessibility to resources for years to come.

The District will save on Supplies due to the implementation of the STEM labs. The anticipated savings would be approximately $50,000 each year. The STEM labs feature experiment modules that are electronic and do not need replenishing. Also, the STEM labs utilize models and materials that are reusable and we would not need to replace those either. This would bring about a reduction of about $50,000 per year in supplies for ongoing use in the classroom.

The project will result in the utilization of a greater share of resources in the classroom because teachers will have access to a collection of STEM Lab resources carefully selected to meet and exceed specific needs for core academic content. The materials purchased will lend themselves to interdisciplinary, interactive, individualized instruction. The program materials will be utilized and sustained for years. Professional development opportunities which are central to the success of the STEM Lab may be supported via Title I; Title II-A; Title I School Improvement; and/or IDEA for its applicable teachers. Building leaders will retain the training they receive. Each year professional development will be refreshed to ensure the transfer this learning to future building leaders. Thus, embedding the practices into the culture of the school will ensure that the District’s STEM reform efforts. Linkage Coordinators, Parent Liaisons; Instructional Coaches for teachers and other stakeholders will ensure meaningful partnerships will be formed and ensure effective partnerships among the families and communities of the students we serve. The Family & Civic Engagement Team will continue its efforts to create meaningful partnerships and resources (financial and other) as a means to support the tenets of the
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.)

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<thead>
<tr>
<th>Proposal Timeline Dates</th>
<th>Narrative explanation</th>
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<tbody>
<tr>
<td>Plan (MM/DD/YYYY): 10/25/2013 - 12/20/2013</td>
<td>During the planning stage the East Cleveland City School District will analyze the critical needs of the District and determine logistics for implementation. STEM Lab Architectural estimates and room readiness requirements will be completed. Estimates for demolition, replacements, timelines, and sound provisions will be determined. Examination of the newly aligned curricula will take place to ensure seamless integration at the start of implementation. The DLT will create and present the plan to stakeholders for feedback and further development to ensure buy in and sustainability.</td>
</tr>
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19. Describe the expected changes to the instructional and/or organizational practices in your institution.

The District continues to be committed to high quality instruction evidenced by student achievement. The District has been at the forefront of school reform and continues to look ahead to ensure an understanding of educational priorities needed to educate a new generation of leaders who will be prepared to embrace the demands of the 21st century. Education leaders, teachers, policymakers, business leaders and parents have consistently identified science, technology, engineering, and math as critical skills for today's global competitive and technologically driven economy. Having this lab will help ensure the future academic success of students and the community. The interdisciplinary STEM lab will help teachers become facilitators of student learning. The instruction will focus on scientific practices rather than rules. The emphasis will be on 21st Century skills such as problem solving, critical thinking, collaboration/communication, creativity/innovation, self-direction, global awareness, information, media and environmental literacy. Students will utilize portfolios and presentations to extend their learning and explain concepts to their peers and an authentic audience of learners. The District will provide support and professional development for facilitators to provide project-based, student-centered learning that develops the higher-order thinking skills. To monitor the impact of their instruction, teachers will utilize the Ohio Improvement Process. Teachers will engage in weekly teacher based teams to discuss research based best practices, interventions, professional dilemmas and student data. This will ensure continual monitoring and delivery of high quality instruction. The District as a whole will seek to intrinsically weave the STEM practices into the instructional practices across the curriculum.

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<th>Narrative explanation</th>
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<tr>
<td>Implement (MM/DD/YYYY): 01/06/2014 - 06/30/2014</td>
<td>After reviewing feedback from stakeholders the implementation will begin. The vendor will be contacted to determine dates of delivery after receipt of a purchase order. After receiving the purchase order installation occurs approximately in 8 weeks. (February 2014) Installation is anticipated to occur over three to five days. Installation will include an inventory of all major lab system elements. (March 2014) Loading, configuration and testing of all software programs on the computer drives will ensure a smooth transition for a functional lab environment. Orientation will occur for the District technology specialists and all original software, media, manuals and registration documents will be provided. Following completion of the lab installation, on-site technical and instructional training by a certified facilitator will occur. Follow up training will be scheduled (April 2014) The District will host a “Kick-Off” event inviting community members and parents to view the STEM labs and take part in family oriented demonstrations (April 2014) Student tours and orientations to the STEM lab will take place and students will have a four week unit of instruction to pique their interest in STEM related fields of study and to gauge any implementation reconfigurations that need to occur before Fall 2014 (May 2014) The STEM labs will be in place for the East Cleveland &quot;Summer of Innovation” STEM CAMP for students at the elementary, middle and high school levels. The camp will occur from June 2014 - August 2014. The STEM labs will be fully functional and integrated into the curriculum in the fall of 2014. Summative evaluation September 2014</td>
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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.

For our District has selected Creative Learning Systems (CLS) as the vendor for the development and implementation of the STEM lab. CLS has successfully installed their STEM lab environment in hundreds of public, private and charter schools throughout the United States and Canada. They have twenty-five years of experience serving the education industry and working with a wide variety of schools. There is an extensive body of research and case studies to show the impact of the STEM labs on academic achievement. The implementation of this program will address the current need to evolve from the existing science programs to a STEM program with a broader, deeper, more sustainable 21st century learning environment. The STEM Lab professional development is provided onsite by a STEM Lab Facilitator Support Specialist. On-going support is provided in the scope of this grant for five years. Building the capacity of the teachers sustains their learning, and with ongoing support for five years the increased awareness and practice of student centered learning will continue to be a critical component of the school environment, which allows the school to deploy funds to other areas. The STEM curriculum is selected by the local schools and the online curriculum is maintained in a web-based database which will be available to the District for the duration of the project. The flexible workstations permit, built in computer and networked access, and integrated equipment, hardware and software needed to deliver an advanced STEM Curriculum is included in this package. Training is also included for five years to ensure that each facilitator utilizes the elements of the lab effectively and efficiently. The District believes it is critical to create this STEM lab now because it is aligned with our goals and will impact all our students in the District as well as the teachers. The STEM labs will be fully functional and integrated into the curriculum and the online curriculum.

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<tr>
<td>Plan (MM/DD/YYYY): 10/25/2013 - 12/20/2013</td>
<td>The student work will be compared to the customized rubrics, and the standards for learning. The emphasis will be on 21st Century skills such as problem solving, critical thinking, collaboration/communication, creativity/innovation, self-direction, global awareness, information, media and environmental literacy. Students will utilize portfolios and presentations to extend their learning and explain concepts to their peers and an authentic audience of learners. The District will provide support and professional development for facilitators to provide project-based, student-centered learning that develops the higher-order thinking skills. To monitor the impact of their instruction, teachers will utilize the Ohio Improvement Process. Teachers will engage in weekly teacher based teams to discuss research based best practices, interventions, professional dilemmas and student data. This will ensure continual monitoring and delivery of high quality instruction. The District as a whole will seek to intrinsically weave the STEM practices into the instructional practices across the curriculum.</td>
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E) SUBSTANTIAL IMPACT AND LASTING VALUE - Impact, evaluation and replication

21. Is this project able to be replicated in other districts in Ohio? (Circle Yes or No)

| Yes | No |

22. If so, how?

This project is able to be replicated in other districts in Ohio. The vendor that we have chosen for this endeavor provides a comprehensive and holistic approach to implementation of the STEM Lab. While it is replicable, it is important to meet the academic needs of each District. The vendor provides an estimate and overview of the project based on the identified needs of the District. A key component of Creative Learning Systems partnership with its educational partners is the custom design of learning environments that are on the leading-edge of how people learn. The company utilizes theories of constructivism, brain-based learning and multiple intelligences with twenty-five years of field testing, research, development and program refinement. The result is learning environments that engage learners and opens new doors to academic and personal success. The company provides design and implementation, furniture, installation, e-Portfolio assessment, STEM Learning Launch Curriculum, access to the product, and resources, and software. Additionally the company provides professional development and ongoing support for future needs. With a track record of enhancing academic success this company’s offerings are highly replicable. East Cleveland City Schools would welcome other Districts who are considering purchasing the lab to visit our schools to observe our design. The context in which the STEM Labs exist is also highly replicable. Utilizing the Ohio Improvement Process to monitor implementation is paramount to improving student achievement outcomes. The protocols of the DLT, BLTs and TBTS provide accountability and support for the utilization of research based best practices while leaving enough room for innovation and trial blazing. With a reliable vendor and the Ohio Improvement Process this innovative STEM Lab is highly replicable.

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

The District is seeking to broaden and deepen our current offerings in science by taking a more comprehensive and systemic approach to engaging all students in a technology rich STEM education program. We know our nation's prosperity is tied to innovation. We want our schools to be a model for creating a robust pipeline of students who are not only aware of the careers of the future, but also have been given the resources and proper instruction to be prepared to innovate and contribute to our society in meaningful ways. We are looking ahead to understand our priorities as a community. The District understands that the instruction provided today can educate and empower a new generation of learners who will be prepared to embrace tomorrow’s global workplace. For these reasons, the cornerstone of our program is to create an interdisciplinary center of application for all students. We enhance our science curriculum to include the STEM lab, which is designed and provisioned with the technology and resources for a multidisciplinary approach. Our students will explore STEM in an integrated context, using technology as a tool while building connections to social studies, language arts and mathematics along the way. Core subject knowledge will be reinforced through applied learning - engaging and motivating students to go beyond the educational objectives set for them and think outside the box. This approach is both more engaging to students and connected to what the learners of today need - technology rich opportunities to apply knowledge and practice 21st century skills. The new environment and related resources will be used to reinforce core subject knowledge through hands-on applied learning; develop critical 21st century skills such as problem solving, critical thinking, collaboration and
communication, creativity and innovation, self-direction, global awareness, information, media and environmental literacy; build a solid foundation of STEM skills by completing real-world projects in a technology rich environment. The District desires to engage students of all abilities in authentic projects that capture their fascination with technology. We want to challenge them with projects that are flexible and demand their creativity. We want to enrich their learning with hands-on, minds-on curriculum and resources. We ultimately want to guide and support them with rigorous, academically relevant exploration to empower them to experience success on various assessments. The STEMLab is also an opportunity to continue the transformative work of teachers into facilitators who demand high order thinking skills. The lasting impact of the STEMLab will be student centered learning environments where students are challenged to solve problems. Collaborative learning spaces to promote open ended and autonomous learning. This work will lead to increased competency in reading, writing, mathematics, science and social studies. Teachers will be better able to articulate and explicate the connectivity of learning versus teaching each subject in isolation. Beyond the life of the grant we will utilize the train the trainer model to ensure the teachers build the capacity of each other. Ultimately the work of this project will increase the participation of the students we serve in post-secondary STEM related fields, increase the academic achievement of the students in the District, and inspire innovations for scientific breakthroughs in years to come. This project will serve as a catalyst for the next generation of innovation and excellence.

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 - The benchmark related to the fund goals for student achievement is to increase student achievement levels in each core subject area, and to evidence student growth of at least one year in each area. The District endeavors to meet expected levels of student achievement as mandated by the state, and decrease the gap of achievement between regular education students and special education students through the implementation of the STEMLab. Spending reductions in the five-year fiscal forecast - The benchmark set by the District relative to spending reductions is to stabilize spending on science supplies and after the implementation of the STEMLab. The spending on Science supplies should decrease by approximately $50,000.00 Utilization of a greater share of resources in the classroom - The benchmark set by the District Leadership Teams would be reflected in the Building Leadership Teams and Teacher Based Teams. With access to over 240 Learning Launcher modules and the Ohio Improvement process in place, the opportunities for student exploration, re-teaching, and acceleration are expanded greatly from the current science curriculum. Each teacher in the District would utilize a greater share of resources at the student level. The expectation of the District would be for interdisciplinary facilitation to occur. With support and professional development the utilization of a greater share of resources at the classroom level would yield higher 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.

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 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 Myrna Loy Corley Superintendent of Schools East Cleveland City School District October 24, 2013