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<th>Supplies 500</th>
<th>Capital Outlay 600</th>
<th>Other 800</th>
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Adjusted Allocation: 0.00
Remaining: -999,218.00
This program will be the basis of the
This will also allow for greater student participation in STEM2M (open to all students 9
Renovations of a current Board owned facility will allow for the relocation of our
In addition, we will employ a STEM2M coordinator
In addition to creating a STEMM
? Grant Funds will be used for the above mentioned costs as well as supplies needed in the reconfiguration of curriculum &
Because of these statistics, Mayfield needs to provide opportunities for our students to be prepared for
2. 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
the Team responsible for the implementation of this project includes the Superintendent, Dr. Keith Kelly, Treasurer, Scott Snyder, High School Assistant Principals, Nathan Bishko, Patrick Ward, Middle
School Principal, Paul Destino, Elementary Principal, Jeffrey Legan and Preschool Principal, Jane Perry. In addition to our staff members, we have community and business liaison, Charles Abbey, working with our business partnerships and Business Alliance. As the project unfolds, additional members will be included in the implementation including architects, Technology staff, STEM coordinators and former Mayfield graduates who currently work in the medical field. All of the members of our team have experience in opening new buildings and construction, in addition to developing new curriculum, scheduling and implementation of new Ohio standards in all areas of our organization. Mayfield City Schools currently is the campus and fiscal agent for three consortium programs, Millridge Center for the Hearing Impaired, EXCEL Technical Education Career Consortium and Cuyahoga East Vocational Education Consortium all of which require maintaining partnerships with local districts as well as
3. Total Students Impacted:
4. Lead applicant primary contact: - Provide the following information:
First Name, last Name of contact for lead applicant: Joelle Magyar
Organizational name of lead applicant: Mayfield City Schools
Unique Identifier (RN/Fed Tax ID): n/a
Address of lead applicant: 1101 SOM Center Road, Mayfield Heights OH, 44124
Phone Number of lead applicant: (440)995-6800
Email Address of lead applicant: jmagyar@mayfieldschools.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 (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 (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.
* 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.
The Team responsible for the implementation of this project includes the Superintendent, Dr. Keith Kelly, Treasurer, Scott Snyder, High School Assistant Principals, Nathan Bishko, Patrick Ward, Middle
School Principal, Paul Destino, Elementary Principal, Jeffrey Legan and Preschool Principal, Jane Perry. In addition to our staff members, we have community and business liaison, Charles Abbey, working with our business partnerships and Business Alliance. As the project unfolds, additional members will be included in the implementation including architects, Technology staff, STEM coordinators and former Mayfield graduates who currently work in the medical field. All of the members of our team have experience in opening new buildings and construction, in addition to developing new curriculum, scheduling and implementation of new Ohio standards in all areas of our organization. Mayfield City Schools currently is the campus and fiscal agent for three consortium programs, Millridge Center for the Hearing Impaired, EXCEL Technical Education Career Consortium and Cuyahoga East Vocational Education Consortium all of which require maintaining partnerships with local districts as well as
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.

a time where school Choice provides more options to families, Mayfield City Schools needs to be The School of Choice. We have an obligation to our students to provide the best education possible while providing an environment that preparing them for what the future job market is projecting: 7 Between 2008 & 2018, Ohio will create 1.7 million job vacancies both from new jobs & from job openings due to turnover. 7.9 million of these job vacancies will be for those with postsecondary credentials, 600,000 for high school graduates & 142,000 for high school dropouts. 1. Source of data: Anthony Carnevale, Nicole Smith & Jeff Strohl, Georgetown University Center on Education and the Workforce publication Because of these statistics, Mayfield needs to provide opportunities for our students to be prepared for the changing market and in addition, provide programming that is different from our neighboring competition so that Mayfield City Schools IS the school of choice. We can achieve this goal through the creation of STEMM: An Inquiry Academy Preschool through 14. Our project will be implemented in phases. The first phase will consist of renovating a current facility to house a Special Education and Regular Education STEMM based preschool. Current Preschool staff will be trained in Project Based Learning this summer. Renovations of a current Board owned facility will allow for the relocation of our current Preschool & the newly developed Preschool to be housed in one location. Grant Funds will be used for the above mentioned costs as well as supplies needed in the reconfiguration of curriculum & the alignment of the Early Learning Standards within the Project Based Learning configuration. The creation of the Preschool will be the first in the Northeast Ohio area. In addition to creating a STEMM Preschool, we will begin to implement STEMM training to our High School staff through Project Lead The Way & specifically, staff of our Medical Technology program. This program will be the basis of the Medical strand of our High School STEM2M curriculum. We currently have partnerships with our local hospital & will be creating a distance learning lab so that students enrolled in this program can access specific Medical professionals in real time at their facilities. This will also allow for greater student participation in STEMM (open to all students 9-12) because it replaces the need for personal transportation. Renovations to existing spaces & a newly acquired vacant building on our High school campus, will allow for the development of the Distance Learning lab as well as the creation of unique learning spaces for each STEM2M academy. We plan to expand the STEM2M continuum from High school to Middle school and from the Preschool through the Elementary with additional training & the creation of Project Based Learning Teams. Additional monies will be utilized to create outdoor learning labs at each of the Pre-K, Elementary & MS buildings as part of the Project Based Learning model. Plans for the outdoor lab include a pond, a marsh area and a prairie, including a butterfly garden. Partnerships will assist with the sustainability of the labs. In addition, we will employ a STEM2M coordinator
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.

Our goal is to have 100% of our graduating student's college and/or career ready. Our STEM2M program will provide new opportunities for students and change the way we deliver instruction. Project Based learning will allow for students to develop critical thinking skills, think deeply about concepts and engage in learning that requires them to solve problems. In an education system where our District's success is measured by a set of assessments that will require students to think differently, we need to teach differently. Through our STEM2M project, we can provide the teachers with professional development needed to deliver instruction that will positively impact student achievement, not only on our required assessments, but increase their readiness for career placement and/or higher education.

The District will meet the financial goals contained within this application because it has embedded a specific set of proactive strategies to its financial management that include: -continued monitoring of its financial health -continued prioritizing of its resources -continued focus on efficiencies -continued & timely reports & updates Therefore the utilization of this one-time money will not lead to non-sustainable future expenses. We will realize the savings identified through the reallocation and redefinition of existing resources.

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

5,281,276.00 * 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, RTF money, local funding, foundation support, etc.). Please detail any cost savings that are realized due to the cost reallocation of existing resources - in other words, you are to report an expenditure growth rate of 1.92% per year during the last 6-years of actual operations. In addition, the District has only spent over $500M of capital improvements in the form of renovations to its existing facilities over the last 7-years and has recently taken ownership of a $24,000 square foot library located at its high school campus that was recently vacated by Cuyahoga County. It is our goal to continue implementing the cost-savings & resource reallocation strategies mentioned, while migrating towards this STEM2M Pre-K through 14 learning initiative. Specific strategies utilized will include: 7 Right-sizing, re-prioritization, & reallocation of existing resources towards this targeted concept. The implementation process will include all of the stakeholders mentioned in the steering committee.

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 STEM2M school partner for review.

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

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

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

* Narrative explanation/rationale: Please detail any cost savings that are realized due to the cost reallocation of existing resources - in other words, you are to report an expenditure growth rate of 1.92% per year during the last 6-years of actual operations. In addition, the District has only spent over $500M of capital improvements in the form of renovations to its existing facilities over the last 7-years and has recently taken ownership of a $24,000 square foot library located at its high school campus that was recently vacated by Cuyahoga County. It is our goal to continue implementing the cost-savings & resource reallocation strategies mentioned, while migrating towards this STEM2M Pre-K through 14 learning initiative. Specific strategies utilized will include: 7 Right-sizing, re-prioritization, & reallocation of existing resources towards this targeted concept. The implementation process will include all of the stakeholders mentioned in the steering committee.

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 how you plan to overcome 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 affectedent.)

* Proposal Timeline Dates

Plan (MM/DD/YYYY): 09/30/2014

* Narrative explanation

The implementation process is expected to occur over a 12-month time frame. While the facility improvements are being constructed, the faculty will be charged with the task of transitioning to the STEM2M approach prior to the completion of the physical plant. It is our hope that the outdoor learning lab space at the primary & middle grade levels coupled with establishing external partnerships & the availability of internal "swing" spaces at the high school level will allow the instructional concepts to sprout. This implementation process will include all of the stakeholders mentioned in the

Implement (MM/DD/YYYY): 09/30/2015

* Narrative explanation

It is expected the STEM2M planning phase will conclude on or before 09/30/14. The planning steps thus far have included key internal & external stakeholders. As mentioned within this application, an appropriate cross-section of central office & building leadership along members of the teaching staff have met & discussed the merits, constructs, & blind-spots associated with this initiative. Simultaneously, central office administration has engaged private sector practitioners as well as key community stakeholders to determine the extent of real world applications and connectivity - hence this application. The planning, with the assistance of these resources, is now moving into the granular or micro-level. Over the course of the next 11 plus months, the District has or will conduct site visits to glean best practices, evaluate its facility capacities & begin key internal stakeholder group planning, mapping, & training (for fidelity), and engage key external groups (both public & private sector) to gain community acceptance/congruency as well as determining strategic partnerships. We will also engage both design & programmatic professionals to determine areas of "fit" for facility & pedagogical innovations. A primary barrier is the potential over-dependency on local resources to achieve this paradigm shift. The facility, faculty, families of the Mayfield community are quite resilient and accepting of change & challenges to our District as evident by their continued financial support. We expect the faculty & families of Mayfield to similarly embrace the new STEM2M model.
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.

I Accept. Joelle Magyar, Asst. Superintendent, Mayfield City Schools 10/25/13