

Budget

Albert Einstein Academy for Letters, Arts and Sciences-Ohio (013994) - Cuyahoga County - 2015 - Straight A Fund - Rev 0 - Straight A Fund - Application Number (71)

U.S.A.S. Fund #:

Plus/Minus Sheet ([opens new window](#))

| Purpose Code | Object Code | Salaries 100 | Retirement Fringe Benefits 200 | Purchased Services 400 | Supplies 500 | Capital Outlay 600 | Other 800 | Total |
|----------------------------|-------------|--------------|--------------------------------|------------------------|--------------|--------------------|-----------|-------------|
| Instruction | | 0.00 | 0.00 | 162,000.00 | 0.00 | 0.00 | 0.00 | 162,000.00 |
| Support Services | | 0.00 | 0.00 | 0.00 | 58,000.00 | 0.00 | 0.00 | 58,000.00 |
| Governance/Admin | | 242,500.00 | 83,900.00 | 0.00 | 0.00 | 0.00 | 0.00 | 326,400.00 |
| Prof Development | | 0.00 | 0.00 | 12,000.00 | 0.00 | 0.00 | 0.00 | 12,000.00 |
| Family/Community | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Safety | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Facilities | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Transportation | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Total | | 242,500.00 | 83,900.00 | 174,000.00 | 58,000.00 | 0.00 | 0.00 | 558,400.00 |
| Adjusted Allocation | | | | | | | | 0.00 |
| Remaining | | | | | | | | -558,400.00 |

Application

Albert Einstein Academy for Letters, Arts and Sciences-Ohio (013994) - Cuyahoga County - 2015 - Straight A Fund - Rev 0 - Straight A Fund - Application Number (71)

Please respond to the prompts or questions in the areas listed below in a narrative form.

A) APPLICANT INFORMATION - General Information

1. Project Title:

Einstein's Vision: A Digital Integration Education Model

2. Executive summary: Please limit your responses to no more than three sentences.

Einstein's Vision seeks to create borderless classrooms; to transform classrooms into learning laboratories by implementing a 1:1 education and digital integration plan and digital arts programming across the curriculum. To accomplish this, Einstein's Vision sets forth the following goals: increase student achievement through a technology-driven curriculum; provide equitable access to technological resources; empower teachers to use technological tools and techniques to enhance curricular frameworks; and build students' 21st century and career readiness skills.

This is an ultra-concise description of the overall project. It should not include anything other than a brief description of the project and the goals it hopes to achieve.

140 3. Total Students Impacted:

This is the number of students that will be directly impacted by implementation of the project. This does not include students that may be impacted if the project is replicated or scaled up in the future.

4. Please indicate which of the following grade levels will be impacted:

Pre-K Special Education

Kindergarten

1

2

3

4

5

6

7

8

9

10

11

12

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

First Name, last Name of contact for lead applicant

Bruce, Thomas

Organizational name of lead applicant

Albert Einstein Academy of Westlake

Address of lead applicant

3600 Crocker Rd. Westlake, OH 44145

Phone Number of lead applicant

440-471-4982

Email Address of lead applicant

bruce.thomas@ealas.org

6. Are you submitting your application as a consortium? - Select one checkbox below

Yes

No

If you are applying as consortium, please list all consortium members by name on the "Consortium Member" page by clicking on the link below. If an educational service center is applying as the lead applicant for a consortium, the first consortium member entered must be a client district of the educational service center.

[Add Consortium Members](#)

7. Are you partnering with anyone to plan, implement, or evaluate your project? - Select one checkbox below

Yes

No

If you are partnering with anyone, please list all partners by name on the "Partnering Member" page by clicking on the link below.

[Add Partnering Members](#)

B) PROJECT DESCRIPTION - Overall description of project and alignment with goals

8. Describe the innovative project: - Provide the following information

The response should provide a clear and concise description of the project and its major components. Later questions will address specific outcomes and the measures of success.

The current state or problem to be solved; and

The Digital Age has inspired schools worldwide to integrate technology across the curriculum; to motivate learning by meeting learners on the playing field. Our students are equipped with the latest technologic innovations; our teachers are falling behind. Albert Einstein Academy of Westlake identifies a need to redirect our education system into a digital integration model. The one-size-fits-all pedagogical practices that define our traditional classrooms have given way to new approaches in curriculum and instruction. Integrating digital technology across the curriculum with proper facilitation, policy, and support will improve pedagogical relevance and increase student achievement through a rigorous and robust curricular platform. This initiative will also decrease school spending in teacher salaries and printing/material supply costs.

The proposed innovation and how it relates to solving the problem or improving on the current state.

Through Einstein's Vision, Albert Einstein Academy of Westlake will partner with Google to implement a one-to-one (1:1) education plan that provides each student with access to a laptop. Albert Einstein Academy of Westlake will also partner with the Center for Arts-Inspired Learning to incorporate digital arts programming- students will receive 90 days of digital visual arts instruction, and 90 days of recording arts/music instruction. Einstein's Vision will instill a "technical" foundation that will equip students with the knowledge and skills necessary for college and career readiness in the twenty-first century. The digital integration model will encourage independent learning across a collaborative platform, and enhance student competencies that exceed the knowledge and skills measured through achievement tests. These competencies include problem solving, critical thinking, creativity, collaboration, communication, and more. "Many employers find these skills lacking among today's college graduates. In addition, a number of organizations... see literacy in digital media as essential for succeeding a global [interconnected] society." (nmeffoundation.org)

9. Which of the stated Straight A Fund goals does the proposal aim to achieve? - (Check all that apply)

Applicants should select any and all goals the proposal aims to achieve. The description of how the goals will be met should provide the reader with a clear understanding of what the project will look like when implemented, with a clear connection between the components of the project and the stated goals of the fund. If partnerships/consortia are part of the project, this section should describe briefly how the various entities will work together in the project. More detailed descriptions of the roles and activities will be addressed in Question 16.

Student achievement (Describe the specific changes in student achievement you anticipate as a result of this innovation (include grade levels, content areas as appropriate) in the box below.)

Einstein's Vision initiative goal seeks to: increase student academic achievement through a technology-driven curriculum; provide equitable access to technological resources; empower teachers to utilize technological tools and techniques to enhance curricular frameworks and pedagogical design; and build students' twenty-first century college and career readiness skills. The program also sets forth the goal to make significant reductions in the five-year fiscal forecast. Goal 1: Increase student academic achievement through a technology-driven curriculum. Participants will demonstrate improved grades, consistent completion of assignments, improved attendance records, and participation in academics. Goal 2: Provide equitable access to technological resources. To ensure all students are equipped with the resources and skills necessary to succeed in academia, Einstein's Vision will also implement a one-to-one (1:1) education plan that provides each child with access to a laptop. AEA will partner with Google to adopt Google Chromebooks (GCB) and Google Apps for each student. Goal 3: Empower teachers to utilize technological tools and techniques to enhance curricular frameworks and pedagogical design. AEA faculty and staff will receive ongoing professional development for the implementation of a 1:1 education plan. Goal 4: Build students' twenty-first century college and career readiness skills. Einstein's Vision will leverage the many opportunities technology creates to prepare students for their twenty-first century college and career endeavors. "A comprehensive strategy to teach both knowledge and applied skills- including the "4 Cs" of critical thinking and problem solving, communication and collaboration, and creativity and innovation skills- is one that employers, educators and the public are ready to support." (p21)

Spending reductions in the five-year fiscal forecast or positive performance on other approved fiscal measures (Describe the specific reductions you anticipate in terms of dollars and spending categories over a five-year period in the box below or the positive performance you will achieve on other approved fiscal measures. Other approved fiscal measures include a reduction in spending over a five-year period in the operating budget approved by your organization's executive board or its equivalent.)

Einstein's Vision anticipates spending reductions in the five-year fiscal forecast for the following items: 1:1 education plan, and contractual agreement with the Center for Arts-Inspired Learning. Through the implementation of a 1:1 education plan, Albert Einstein Academy of Westlake anticipates a cost savings of an estimate of \$450 per student per year. This figure is shaped by costs of copy machine printing, paperwork, computer lab electricity, and miscellaneous text/print materials. At \$450 per student per year multiplied by 140 students per year- Albert Einstein Academy of Westlake anticipates a cost-savings of \$63,000 for FY16 and a 5% increase in savings for Supplies and Materials. All copy machine printing, paperwork, and text/print materials will be fed through Google Apps for Education. Through the contractual agreement with Center for Arts-Inspired Learning, Albert Einstein Academy of Westlake will invite two teaching artists to offer digital-based visual art and music instruction (digital game design, architecture, industrial design, etc.) In exchange for teacher salaries and retirement/benefits, through the contractual agreement, Albert Einstein Academy of Westlake would agree to pay each teaching artist \$180 per

day multiplied by 90 days per year. Albert Einstein Academy of Westlake would pay each teaching artist \$16,200 per year. Compared to an entry-level teacher salary with retirement and benefits, the contractual agreement with the Center for Arts-Inspired Learning will save Albert Einstein Academy of Westlake \$23,150 per year with a total 5-year cost savings of \$115,750.

Utilization of a greater share of resources in the classroom (Describe specific resources (Personnel, Time, Course offerings, etc.) that will be enhanced in the classroom as a result of this innovation in the box below.)

Implementing a shared services delivery model (Describe how your shared services delivery model will demonstrate increased efficiency and effectiveness, long-term sustainability, and scalability in the box below.)

10. Which of the following best describes the proposed project? - (Select one)

New - never before implemented

Existing: Never implemented in your community school or school district but proven successful in other educational environments

Mixed Concept: Incorporates new and existing elements

Established: Elevating or expanding an effective program that is already implemented in your district, school or consortia partnership

C) SUSTAINABILITY - Planning for ongoing funding of the project, cost breakdown

11. Financial Documentation: - All applicants must enter or upload the following supporting information. The information in these documents must correspond to your responses in questions 11-14.

* Enter a project budget in CCIP (by clicking the link below)

[Enter Budget](#)

* If applicable, upload the Consortium Budget Worksheet (by clicking the link below)

* Upload the Financial Impact Table (by clicking the link below)

* Upload the Supplemental Financial Reporting Metrics (by clicking the link below)

[Upload Documents](#)

For applicants without an ODE Report Card for 2012-2013, provide a brief narrative explanation of the impact of your grant project on per pupil expenditures or why this metric does not apply to your grant project instead of uploading the Supplemental Financial Reporting Metric.

The project budget is entered directly in CCIP. For consortia, this project budget must reflect the information provided by the applicant in the Consortium Budget Worksheet. Directions for the Financial Impact Table are located on the first tab. Applicants must submit one Financial Impact Table with each application. For consortium applications, each consortium member must add an additional tab on the Financial Impact Tables. Partners are not required to submit a Financial Impact Table.

Applicants with an "Ohio School Report Card" for the 2012-2013 school year must upload the Supplemental Financial Reporting Metrics to provide additional information about cost savings and sustainability. Directions for the Supplemental Financial Reporting Metrics are located on the first tab of the document. If your organization does not have an "Ohio School Report Card" for the 2012-2013 school year, please provide an explanation in the text box about how your grant project will impact expenditures per pupil or why expenditure per pupil data does not apply to your grant project.

Educational service center, county boards of developmental disabilities, and institutions of higher education seeking to achieve positive performance on other approved fiscal measures should submit the budget information approved by an executive board or its equivalent on the appropriate tabs of the Financial Impact Table. Educational service centers should use the "ESC" tab and county boards of developmental disabilities and institutions of higher education should use the "non-traditional" tab.

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

Responses should provide rationale and evidence for each of the budget items and associated costs outlined in the project budget. In no case should the total projected expenses in the budget narrative exceed the total project costs in the budget grid.

558,400.00 State the total project cost.

* Provide a brief narrative explanation of the overall budget.

100: Salaries Einstein's Vision will employ a full-time Director of Institutional Advancement. This position will be responsible for project planning, coordination, and implementation, data analysis, annual/final reports, community engagement activities, and fulfilling all duties/responsibilities required through Straight A Fund. The Director of Institutional Advancement will be a 5-year contract through Albert Einstein Academies. The Director of Institutional Advancement will be offered \$48,500 per year. The total requested for a 5-year contract is \$242,550. 200: Retirement and Fringe Benefits Fringe benefits include: Retirement, Medical Insurance, Medicare, Workers Compensation, and associated employee fees. The total requested for the Director of Institutional Advancement will receive \$16,780/year in Fringe Benefits.

The total requested/contracted for a 5-year period is \$83,900. 400: Purchased Services Non-Personnel: Einstein's Vision will partner with the Center for Arts-Inspired Learning to contract two professional teaching artists to provide music and visual art instruction to our students for 90 of the 180 school days. Two teaching artists at \$180/day x 90 days = \$16,200 x 2 teaching artists = \$32,400. The total requested for Non-Personnel arts instruction is \$32,400 per year contracted for a 5-year period is \$162,000. Curriculum Development: AEA faculty and staff will meet regularly with a consultant for Curriculum and Instruction and Educational Technology Integration to successfully implement technology-based, project-oriented classroom activities. 2 consultants @ \$100/hour x 4 hours/day x 10 days = \$8,000. 10 faculty @ 35/hour x 1 hour/day x 10 days = \$3500. Curricular materials and resources at an estimate of \$500. The total requested for Curriculum Development is \$12,000. 500: Supplies & Materials Google Chromebooks: Einstein's Vision will implement a 1:1 education plan for junior high and high school students that provides students and faculty with a personal laptop (Google Chromebook) equipped with Google Apps and sharing/collaboration capabilities. 140 student chromebooks @ \$400/chromebook = \$56,000. Google iCloud Printer: Einstein's Vision will need printers compatible with Google iCloud. The printer selected is a Dell 3765dnf Color Laser Multifunction Printer. 2 printers @ \$929.99/printer + shipping/handling. The total requested for two Google iCloud printers is \$2,000.

13. Will there be any costs incurred as a result of maintaining and sustaining the project after June 30th of your grant year?

Sustainability costs include any ongoing spending related to the grant project after June 30th of your grant year. Examples of sustainability costs include annual professional development, equipment maintenance, and software license agreements. To every extent possible, rationale for the specific amounts given should be outlined. The costs outlined in the narrative section should be consistent and verified by the financial documentation submitted and explained in the Financial Impact Table. If the project does not have sustainability costs, applicants should explain why.

Yes - If yes, provide a narrative explanation of your sustainability costs as detailed in the Financial Impact Table in the box below.

No - If no, please explain why (i.e. maintenance plan included in purchase price of equipment) in the box below.

No. Einstein's Vision anticipates maintenance costs with the Google Chromebooks and Google iCloud printers which has been written into the contract for purchase through Google. Google iCloud printing costs (paper, cartridges) will be associated with a separate administrative budget. Student lease programs will assist with financial support for any repairs outside the scope of the maintenance plan.

14. Will there be any expected savings as a result of implementing the project?

Yes

No

Applicants with sustainability costs in question 13 or seeking to achieve significant advancement in spending reductions in the five-year forecast must address this response. Expected savings should match the information provided by the applicant in the Financial Impact Table. All spending reductions must be verifiable, permanent, and credible. Applicants may only respond "No" if the project will not incur any increased costs as a result of maintaining and sustaining the project after June 30th of your grant year. The Governing Board will use the cost savings as a tiebreaker between applications with similar scores during its final selection process. Cost savings will be calculated as the amount of expected cost savings less sustainability costs relative to the project budget.

84,100.00 If yes, specify the amount of annual expected savings. If no, enter 0.

If yes, provide details on the expected savings (i.e. staff counts and salary/benefits, equipment to be purchased and cost, etc.). If no, please explain

Yes, there will be expected savings as a result of implementing Einstein's Vision. The three main areas that demonstrate savings are within teacher/faculty salaries including retirement and fringe benefits, and printing costs. Through support from the Straight A Fund, Albert Einstein Academy of Westlake will enter a contractual agreement with Albert Einstein Academies to employ a full-time Director of Institutional Advancement. This position will be hired by the Albert Einstein Academies as a 5-year contract that includes a salary of \$48,500 and fringe benefits of approximately \$17,000. The amount will be paid in full to Albert Einstein Academies. AEA expects to save within teacher salaries and retirement and fringe benefits by sub-contracting with the Center for Arts-Inspired Learning, a non-profit arts organization, to contract professional teaching artists to teach music and visual art instruction. Each class (music and visual art) would be 90 days of the 180 days in the school year. The teaching artists will be supervised by a licensed teacher- and coordinate all programming with Director of Institutional Advancement. The standard teaching salary is \$38,500 with a retirement/benefits package of approximately \$17,000, equating to \$55,500. By contracting with the Center for Arts-Inspired Learning, we pay each teaching artist \$180/day x 90 days/year which comes to \$16,200 per teaching artist. For two teaching artists, Einstein's Vision will pay \$32,400 for the year. The total amount saved per year is \$23,100. AEA expects to save in printing costs by implementing a 1:1 education model that includes a network-wide Google Apps for Education plan. This program allows students and faculty to share across network in exchange to printing. Through the implementation of the Google Chromebooks, Einstein's Vision expects to save \$40/child in copy machine printing, \$65/child in paperwork, \$16/child in electricity via computer lab, and \$400/teacher in printing materials. Through the purchase of Google Chromebooks and two printers compatible with Google iCloud, students and teachers will be provided the tools they need without the excess in paper and printing costs. Currently, AEA spends on average nearly \$450 in text/printing costs per month. Through proper technology integration and implementation, the 1:1 education model will save approximately \$63,000 per year with a 5% increase in savings per subsequent year (2015-2019).

15. Provide a brief explanation of how the project is self-sustaining.

All Straight A Fund grant projects must be expenditure neutral. For applications with increased ongoing spending as documented in question 11-14, this spending must be offset by expected savings or reallocation of existing resources. These spending reductions must be verifiable, permanent, and credible. This information must match the information provided in your Financial Impact Table. Projected additional income may not be used to offset increased ongoing spending because additional income is not allowed by statute. Please consider inflationary costs like salaries and maintenance fees when considering whether increased ongoing spending has been offset for at least five years after June 30th of your grant year. For applications without increased ongoing spending as documented in questions 11-14, please demonstrate how you can sustain the project without incurring any

increased ongoing costs.

For educational service centers and county boards of developmental disabilities that are members of a consortium, any increased ongoing spending at the educational service center or county board of developmental disabilities may also be offset with the verifiable, permanent, and credible spending reductions of other members of the consortium. This increased ongoing spending must be less than or equal to the sum of the spending reductions for the entire consortium.

Explain in detail how this project will sustain itself for at least five years after June 30th of your grant year.

This project is self-sustaining through the implementation of a technology-integrated model for our 21st century education system, and through its contractual services with Albert Einstein Academies and the Center for Arts-Inspired Learning. With proper policies and procedures in place, the 1:1 education model will be self-sustaining over time. Einstein's Vision will use Straight A Funds to initiate the program with the purchase of 140 Google Chromebooks; laptops for Junior High and High School students enrolled at AEA. Students will rent laptops for their duration at AEA, and will return laptops upon graduating. Rent fees will support damage/repair costs, insurance, printing materials, and the purchase of additional Google Chromebooks for incoming classes. The Straight A Fund will also support initial costs of equipment such as the Google iCloud printer, which will be utilized in subsequent years to continue supporting the integration of technology across the curriculum. To support the cost of a salary, Albert Einstein Academy of Westlake will enter a binding contract with Albert Einstein Academies to employ a Director of Institutional Advancement- a full-time position with a 5-year contract supported by funds from Straight A Fund. AEA will also enter a contract with the Center for Arts-Inspired Learning to subcontract two professional teaching artists to provide instruction in music and visual art. This opportunity is self-sustaining in that it is a 5-year contract designed in exchange for the hire of a music and visual arts teacher- with a cost savings of nearly \$23,100 per year.

D) IMPLEMENTATION - Timeline, scope of work and contingency planning

16. Please provide a brief description of the team or individuals responsible for the implementation of this project, including other consortium members and/or partners.

This response should include a list of qualifications for the applicant and others associated with the grant. If the application is for a consortium or a partnership, the lead should provide information on its ability to manage the grant in an effective and efficient manner. Include the partner/consortium members' qualifications, skills and experience with innovative project implementation and projects of similar scope.

Enter Implementation Team information by clicking the link below:

[Add Implementation Team](#)

For Questions 17-19 please describe each phase of your project, including its timeline, scope of work, and anticipated barriers to success.

A complete response to these questions will demonstrate specific awareness of the context in which the project will be implemented, the major barriers that need to be overcome and the time it will take to implement the project with fidelity. A strong plan for implementing, communicating and coordinating the project should be outlined, including coordination and communication in and amongst members of the consortium or partnership (if applicable). It is recognized that specific action steps may not be included, but the outline of the major implementation steps should demonstrate a thoughtful plan for achieving the goals of the project. The time line should reflect significant and important milestones in an appropriate and reasonable time frame.

17. Planning - Activities prior to the grant implementation

* Date Range July 1-August 20, 2014

* List of scope of work (activities and/or events including project evaluation discussions, communication and coordination among entities).

Beginning July 1st, 2014, Einstein's Vision planning phase will go into effect. Superintendent of Schools, Dr. Bruce Thomas, Director of Student Services, Mrs. Kristen Elliott-Thomas, Mrs. Danielle Kimble, Grants Manager, and Dr. Jeffrey Shapiro, Executive Director of Albert Einstein Academies, will host planning meetings to discuss the implementation of Einstein's Vision. Planning components will include the following: order all equipment (Google Chromebooks, Google Cloud Printers, etc.); host a meeting with faculty/staff to create a detailed handbook introducing the mission and goals of Einstein's Vision, outlining the policies, procedures and general plans for the digital learning model; identify a consultant for Curriculum and Instruction; conduct planning meetings with the consultant and grant overseers to discuss the program and identify ways to meet the program goals; meet with the Center for Arts-Inspired Learning to coordinate arts programming with two professional teaching artists; meet with professional teaching artists and curriculum consultant to design curriculum that meet state standards and encourage interdisciplinary learning across subjects; post the job description for the Director of Institutional Advancement; conduct interviews throughout the month and hire a Director of Institutional Advancement prior to August 15th; create assessment tools to measure student achievement (student surveys, interviews, improved participation, attendance, etc.) for teacher and Director of Institutional Advancement review; develop initiative goals and strategies.

* Anticipated barriers to successful completion of the planning phase

Potential Barriers:-Summer availability for meetings and planning -Hiring, selecting, and training a candidate for the Director of Institutional Advancement position

18. Implementation - Process to achieve project goals

* Date Range August 20, 2014 - May 2015

* List of scope of work (activities and/or events, including deliverables, project milestones, interim measurements, communication, and coordination).

In August 2014, Albert Einstein Academy of Westlake will begin implementation by contracting with Albert Einstein Academies to employ a full-time Director of Institutional Advancement, and contracting with the Center for Arts-Inspired Learning to subcontract two professional teaching artists to support Einstein's Vision. AEA faculty/staff will attend the following: curriculum and development meeting regarding Einstein's Vision, regular staff meetings to discuss proper technology integration and curriculum development. Albert Einstein Academy of Westlake will host

two mandatory orientation meetings for parents/guardians and students regarding Einstein's Vision (introduce the teacher-led digital learning model and 1:1 education plan). Upon reading the policy and procedural handbook and rental plans, and signing the agreement forms, Google Chromebooks will be assigned to each enrolled student and distributed accordingly. September 2014-May 2015, each month teachers will be required to attend two Einstein's Vision staff meetings. Meetings will provide teachers the opportunity to report out the successes and challenges of the program, and discuss ways to strengthen/improve the program. Meetings will also encourage collaborative efforts among teachers; providing planning time for teachers to create cross-disciplinary lessons and classroom activities. Each month, faculty and staff will also have one meeting with the Curriculum and Instruction consultant and one meeting with the Director of Institutional Advancement. Classroom observations by the Superintendent, Director of Institutional Advancement, and Grants Manager will happen regularly. Upon completion of each quarter, the Director of Institutional Advancement will distribute various assessment tools to measure program effectiveness, and also conduct student, parent, and faculty surveys and interviews for documentation and evaluation. Results will be analyzed and discussed at the following faculty/staff meeting.

* Anticipated barriers to successful completion of the implementation phase.

Anticipated barriers:-Integration of technology in the curriculum for all faculty/staff -Curriculum development with professional teaching artists and core teacher

19. Summative Evaluation - Plans to analyze the results of the project

* Date Range June 1 - July 1, 2015

* List of scope of work (activities and/or events, including quantitative and qualitative benchmarks and other project milestones).

June 2015- Albert Einstein Academy of Westlake has identified measurable outcomes to determine students' engagement with technology improves their academic achievement. Summative data will be collected to analyze student grades, OAA/OGT scores, attendance records, and other school assessments including teacher reports. Other sources of evaluation will include interviews and surveys with students, teachers, and parents/guardians. Questions will be designed to measure Einstein's Vision's overall effectiveness in the quality of implementation, communication, and outcomes. Consistent evaluation efforts will assist in supporting best practices. Upon data compilation, the Director of Institutional Advancement will create a final report with notes regarding strengths and weaknesses of the program, and suggestions as to how Albert Einstein Academy of Westlake can improve student achievement and program development with the resources provided through Einstein's Vision.

* Anticipated barriers to successful completion of the summative evaluation phase.

Anticipated barriers:-Cooperation among faculty/staff to all provide equal weight in observation/evaluation -Conducting similar evaluations / assessments school-wide

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

The response should illustrate the critical instructional and/or organizational changes that will result from implementation of the grant and the impact of these changes. These changes can include permanent changes to current district processes, new processes that will be incorporated or the removal of redundant or duplicative processes. The response may also outline the expected change in behaviors of individuals (changes to classroom practice, collaboration across district boundaries, changes to a typical work day for specific staff members, etc.). The expected changes should be realistic and significant in moving the institution forward.

Please enter your response below:

Einstein's Vision is designed for students of the digital age to thrive in education by providing relevancy and consistency in their everyday common practices and modes of learning. Albert Einstein Academy of Westlake has identified technology as the mode to which students learn best; students are more engaged and empowered when technology is successfully integrated in the class curriculum. Fortunately, majority of Albert Einstein Academy of Westlake's teachers are comfortable and capable of navigating through technology swiftly. They identify creative ways for technology to serve as a learning modality primarily due to student interest and engagement. However, Albert Einstein Academy of Westlake's teachers have tendencies of leaning towards a traditional teaching style; landing in their comfort zone by teaching the way they were taught. There is no doubt that some traditional teaching methods, such as lectures and demonstrations, seatwork, and listening and observing all have their place in education. These methods have been around for thousands of years shaping the minds of successful scholars and ordinary people. But education is transforming into a digital world; interactive and educational resources are available to teachers and students at the click of a button. Texts are updated regularly; information is more relevant. Through the use of technology, we have access to the world at our fingertips. How can we deny our students that opportunity? Einstein's Vision not only expects but demands changes in the instructional practices to ensure Albert Einstein Academy of Westlake students are receiving optimum learning experiences and a quality education that prepares them with the twenty-first century skills needed for their college and career endeavors. This instructional shift will require teachers to drop the "expert" role, flip their classrooms, and become facilitators of knowledge; provide students with deep learning experiences and tools and techniques necessary to discover knowledge in meaningful and practical ways. By its very nature, the integration of technology naturally builds student-centered, project-based learning; a systematic teaching method engaging students in developing knowledge and skills through an extended inquiry process. The role of teacher changes, yet is just as, if not more, critical to student success. The effectiveness of technology integration is based on the quality of the instructional practices. Through multiple professional development opportunities, teachers will learn to understand ways in which they can apply meaningful integration of technology; matching technology-based instructional tools with curricular goals, student learning objectives, desired outcomes, and instructional practice. These instructional processes alter in their approach to "educating the whole child". Instruction moves from rote learning to critical thinking and problem solving as the teacher becomes facilitator and collaborator by setting the framework for safe and supportive learning environments and designed curriculum activities that reinforce key concepts and promote inquiry.

E) SUBSTANTIAL IMPACT AND LASTING VALUE - Impact, evaluation and replication

The responses in this section are focused on the ability to design a method for evaluating the project's capacity for long-term sustainable results. Therefore, the questions focus on the method of defining the problem(s) the project hopes to solve and the measures that will determine if the problem (s) have been solved.

21. 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 response should provide a concise explanation of items which provide rationale that will support the probability of successfully achieving the goals of the project. Answers may differ based on the various levels of development that are possible. If the proposal is for a new, never before implemented project, the response should provide logical, coherent explanations of the anticipated results based on some past experience or rationale. For projects that have been implemented on a smaller scale or successfully in other organizations, the response should provide the quantifiable results of the other projects. If available, relevant research in support of this particular proposal should also be included.

Please enter your response below.

"Personalized instruction is one of the strongest benefits of technology and one of the most critical factors in twenty-first century education. To help students achieve, it is essential to address their unique learning needs, generally in small group and one-on-one situations, and to move from a teacher-centered to a learner-centered environment. Schools with good technology implementations follow these practices. They also provide students with consistent access to digital resources, ensuring a dynamic rather than a static educational setting." (Project RED: Revolutionizing Education) Einstein's Vision is centered on the premise that a digital learning model will improve student achievement and provide students with twenty-first century skills. This premise stems from research supported by the International Society for Technology in Education (ISTE), which reports that education technology has a positive effect on student achievement. ISTE has identified seven factors for successful technology implementation, which will be adopted by Einstein's Vision: 1. Effective professional development for teachers in the integration of technology into instruction is necessary to support student learning; 2. Teachers' direct application of technology must be aligned to local and/or state curriculum standards; 3. Technology must be incorporated into daily learning schedule (i.e., not as supplement or after-school tutorial); 4. Programs and applications must provide individualized feedback to students and teachers must have the ability to tailor lessons to individual student needs; 5. Student collaboration in the use of technology is more effective in influencing student achievement than strictly individual use; 6. Project-based learning and real-world simulations are more effective in changing student motivation and achievement than rote learning; 7. Effective technology integration requires leadership, support, and modeling from teachers, administrators, and the community/parents. Past successes include Missouri's Instructional Networked Teaching Strategies (eMINTS), which adopted ISTE's seven factors upon implementation of a technology-integrated program. eMINTS supports elementary teachers to develop student-centered, inquiry-based instructional practices through technology. When comparing students in eMINTS classrooms with those in non-eMINTS classrooms, students who participated in eMINTS classrooms consistently outperformed their peers in statewide math assessments administered through the Missouri Assessment Program. Regarding the 1:1 education plan, Mooresville School District issued laptops three years ago to 4,400 students in grades 4th-12th in five schools. The district's graduation rate was 91 percent in 2011, up from 80 percent in 2008. An average of 88 percent of students across grades and subjects met proficiency standards on state tests in reading, math, and science. In the state of North Carolina, Mooresville now ranks third in test scores and second in graduation rates. Proper planning, policy, support, and clear goals and objectives will lead to effective implementation of the digital integration model. By adopting ISTE's seven factors, and policies and practices that have been deemed successful will lead to an improvement in student achievement. This model can be replicated, as it has been replicated successfully in the past. One unique quality Einstein's Vision is incorporating is a teacher-lead digital curriculum that provides more personalized learning and individualized instruction.

22. Describe the overall plan to evaluate the impact of the concept, strategy or approaches used in the project.

This plan should include the methodology for measuring all of the project outcomes. Applicants should make sure to outline quantitative approaches to assess progress and measure the overall impact of the project proposal. The response should provide a clear outline of the methods, process, timelines and data requirements for the final analysis of the project's progress, success or failure. The applicant should provide information on how the lessons learned from the project can and will be shared with other education providers in Ohio.

* Include the name and contact information of the person who will be responsible for conducting the evaluation and whether this will be an internal or external evaluation.

Albert Einstein Academy of Westlake is committed to ongoing evaluation and documentation. Einstein's Vision impact will be measured both qualitatively and quantitatively with data gathered regularly through classroom observations, pre- and post- assessments, teacher and parent/guardian surveys and coded interviews, student surveys and interviews, and documentation of student engagement through digital integration. Summative data will be gathered to analyze OAA scores, student report cards, discipline and attendance records, participation, and other school reports. Albert Einstein Academy of Westlake will enter a contractual agreement with Albert Einstein Academies Foundation to employ a Director of Institutional Advancement to design and implement evaluation processes. The Director of Institutional Advancement will meet regularly with Einstein's Vision program committee (Superintendent of Schools, Director of Student Services, Grants Manager, and Director of Fine Arts) along with school board of overseers and representatives of the community to discuss data analysis and identify any areas that require modification to Einstein's Vision proposed plan. The program committee is instrumental in designing program goals and priorities for the continuation of Einstein's Vision for subsequent years. The Director of Institutional Advancement will work collaboratively with the program committee to review and assess data analysis for overall program quality and effectiveness and make adjustments to program design as necessary. The consultant for Curriculum and Instruction will work closely with Albert Einstein Academy of Westlake teachers and administration to assist in the design of assessment tools and standardized evaluation instruments that can be used over a five-year period to determine Einstein Vision's impact on student achievement and cost savings. Evaluation results will identify the strengths and weaknesses of the program.

* 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 project's progress).

Short- and long-term objectives will be measured quantitatively through the comparison of state test scores, semester finals, attendance rates, level of participation, and completion of homework assignments. Short- and long-term objectives will be measured qualitatively through student interviews, open-ended surveys, reflection writings, parent/student feedback, and community meetings. Both quantitative and qualitative data will be analyzed to determine the strengths and weaknesses of Einstein's Vision, and modify appropriately to further direct Einstein's Vision to achieve the program goals set forth.

* Include the method, process and/or procedure by which the project will modify or change the project plan if measured progress is insufficient to

meet project objectives.

Upon analyzing data, the Director of Institutional Advancement will meet with program committee (Dr. Shapiro of Albert Einstein Academies, Dr. Thomas Superintendent of Schools, Ms. Kimble Grants Manager, and a representative from the Center for Arts-Inspired Learning) to discuss data results and make modifications as necessary. The program committee will submit a proposal to Albert Einstein Academy of Westlake's board of overseers for a vote to accept/decline modification. Modifications will be made in the best interest of the students. Einstein's Vision is designed to meet the 21st century learner profile needs. If the modification is aligned to better meeting the goals set forth, the modification will be made as appropriate.

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

The response should provide specific quantifiable measures of the grant outcomes and how the project will lead to successful attainment of the project goals. Applicants should describe how the program or project will continue after the grant period has expired.

Please enter your response below.

"In the twenty-first century, students must be fully engaged. This requires the use of technology tools and resources, involvement with interesting and relevant projects, and learning environments- including online learning environments- that are supportive and safe... In the twenty-first century, educators must be given and be prepared to use technology tools; they must be collaborators in learning- constantly seeking knowledge and acquiring new skills along with their students." (Using Technology to Transform Schools, 2010) According to research performed by Project RED, schools employing a 1:1 student-computer ratio and key implementation factors outperform other schools and reveal significant opportunities for improving education return on investment by transforming teaching and learning. "The richer the technology implementation, the more positive the impact." In the twenty-first century, all students need to master core subjects and applied skills to navigate college, career, and life environments as well as skills particularly relevant in a competitive and creative global economy. "Technology and twenty-first century skills are intrinsically related as well, in that learning twenty-first century skills requires the use of technology. Information, media, and technology skills themselves are one set of twenty-first century skills- and technology supports the learning of other twenty-first century skills, including critical thinking and problem solving; communication and collaboration; and creativity and innovation." (Dispelling Five Myths) Einstein's Vision will enhance student achievement for 7th-12th grade students through technology-enriched programming that is engaging, interactive, rigorous, and relevant to the twenty-first century learner profile. This will be identified through evaluation methods such as comparative state test scores, quarter test results, consistently turning in homework assignments, attendance records. This will be measured over a 5-year period. The digital integration model will challenge students to think creatively and critically; to solve problems and work collaboratively; to be innovative. The development of these skills through academics is invaluable as they prepare for their college and career endeavors. Einstein's Vision will also reduce spending through the contractual agreement with the Center for Arts-Inspired Learning and the implementation of a 1:1 education model. By contracting with the Center for Arts-Inspired Learning to offer 90 days of music instruction and 90 days of visual art instruction per year, Albert Einstein Academy of Westlake saves \$23,150 per year. The two teaching artists will be contracted in exchange for a teacher salary. The implementation of a 1:1 education model reduces spending in the five-year forecast by an estimate of \$450 per student per year. This comes to a savings of \$63,000 per year. "Technology provides powerful tools for organizing and analyzing information and modeling concepts and underlying structures. Students who have the opportunity to use these tools gain a deeper understanding of complex topics and concepts and are more likely to be able to recall information later in life and use it to solve problems in (academic and non-academic) situations." (Apple)

24. Describe the specific benchmarks, by goal as answered in question 9, which 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.

The applicant should provide details on the quantifiable measures of short- and long- term objectives that will be tracked and the source of benchmark comparative data points. Responses should include specified measurement periods and preliminary success points that will be used to validate successful implementation of the project. If a similar project has been successfully implemented in other districts or schools, identification of these comparable benchmarks should be included.

* Student Achievement

Goal 1: Increase student academic achievement through a technology-driven curriculum; o Einstein's Vision will launch into implementation, integrating technology across the curriculum; o Einstein's Vision will employ and maintain a full-time Director of Institutional Advancement to coordinate Straight A Funds; o Students will receive personalized, technology-integrated, education plans that meet individual student needs. Goal 2: Provide equitable access to technological resources o 100 percent of students in grades 7th-12th will be equipped with Google Chromebooks and Google Apps for Education; Goal 3: Empower teachers to utilize technological tools and techniques to enhance curricular frameworks and pedagogical design. o Faculty and staff will participate in monthly professional development opportunities to ensure they are staying current with technological innovations and educational trends; o 60 percent of instruction will include a technology component in some format; Goal 4: Build students' twenty-first century college and career readiness skills. o 50 percent of students will demonstrate improvement in twenty-first century skills (problem solving, critical thinking, creativity, innovation, etc.)

* Spending Reduction in the five-year fiscal forecast

Goal 5: Reduce school spending in teacher salaries and print/textbook materialso Printing and text materials will be reduced by an estimate of \$63,000 for FY14-15, and increase savings by 5% for subsequent years (2016-2019) o Teacher salaries will be reduced by an estimate of \$21,150 per year.

* Utilization of a greater share of resources in the classroom

* Implementation of a shared services delivery model

* Other Anticipated Outcomes

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

Yes

No

If the applicant selects "Yes" to the first part of the question, the response should provide an explanation of the time and effort it would take to implement the project in another district, as well as any plans to share lessons learned with other districts. To every extent possible, applicants should outline how this project can become part of a model so that other districts across the state can take advantage of the learnings from the proposed innovative project. If there is a plan to increase the scale and scope of the project within the district or consortium, it should be included here.

* Explain your response

Yes. Einstein's Vision may be replicated in other community schools or districts in Ohio. As schools and districts move towards adopting a digital learning platform, they may consider the integration of a 1:1 education plan. Also, as arts funding continues to dwindle, schools and districts may consider contracting professional teaching artists supervised by licensed teachers to lead various arts programs and reduce spending on teacher salaries. The 1:1 education plan has been adopted by many schools in the past, and deemed successful when implemented with clear goals, guidelines, policies and procedures are in place. "Chromebooks open the whole world to students. The collective knowledge of the entire human race is on their desks, and that is the best gift any teacher can give to a student." (Peter Iles, Principal, Wisconsin) More than 3,000 schools worldwide have chosen Google Chromebooks for the affordability, manageability, and scalability. Many schools have also adopted Google Apps for Education. Google Apps include Gmail (webmail service), Google Calendar (shared calendaring), Google Docs (online documents, spreadsheets, word, presentation, and form creating and sharing), Google Video (secure and private video sharing- 10GB free), and Google Sites (team website creation with videos, images, gadgets, and documents integration). According to Edmonton Public Schools Technology Integration Planning Coordinator, since the district moved to Google Apps, collaboration has flourished across the district. Students and teachers can blog about novels, use Google Spreadsheets to work out math problems, use Google Docs to share documents such as research projects, surveys, lab reports, and use Google Tools to create websites with Google Sites that include links, pictures, videos, and more. "Students are collaborating on projects, commenting on each other's writing, blogging about literature, and practicing twenty-first century skills all the time. They are accountable to each other and to me, and their homework writing/work is never left at home or lost in lockers... Engagement and homework completion rates have increased significantly and students like the ability to garner immediate feedback, edit, and then share them back with me for final assessment." (Teacher, Edmonton Public Schools) (Google Apps for Education) The binding contract with the Center for Arts-Inspired Learning will help reduce teacher salaries by contracting professional teaching artists to lead arts instruction under supervision of a licensed teacher on-staff. Professional teaching artists in the fields of visual art and music instruction will lead courses in industrial design, architecture, digital game design, recording arts, audio engineering, etc. Students receive unique, digitally-integrated arts programming while the school reduces teacher salary spending by \$21,100 per year. The arts opportunities are progressive and endless through the Center for Arts-Inspired Learning, or any other arts agency contracting professional teaching artists in the area.

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 time frame. The Governing Board of the Straight A Fund reserves the right to conduct an evaluation of the project and request additional information in the form of data, surveys, interviews, focus groups and other related data on behalf of the General Assembly, Governor and other interested parties for an overall evaluation of the Straight A Fund.

PROGRAM ASSURANCES: I agree, on behalf of this applicant, and any or all identified consortium members or partners, that all supporting documents contain information approved by a relevant executive board or its equivalent and to abide by all assurances outlined in the Straight A Assurances (available in the document library section of the CCIP).

I agree.

Sections ▶

Consortium Contacts

No consortium contacts added yet. Please add a new consortium contact using the form below.

Partnerships

Albert Einstein Academy for Letters, Arts and Sciences-Ohio (013994) - Cuyahoga County - 2015 - Straight A Fund - Rev 0 - Straight A Fund

Sections ▶

Partnerships

| First Name | Last Name | Telephone Number | Email Address | Organization Name | IRN | Address | Delete Contact |
|-------------------|------------------|-------------------------|---------------------------------|-----------------------------------|------------|--|-----------------------|
| Jeffrey | Shapiro | 747-224-7130 | jeffrey.shapiro@ealas.org | Albert Einstein Academies | | 25876 The Old Road #325, , Stevenson Ranch, CA, 91381 | |
| David | Schiopota | 216-561-5005 | david@arts-inspiredlearning.org | Center for Arts-Inspired Learning | | 13110 Shaker Square Suite C203, , Cleveland, OH, 44120 | |

Implementation Team

Albert Einstein Academy for Letters, Arts and Sciences-Ohio (013994) - Cuyahoga County - 2015 - Straight A Fund - Rev 0 - Straight A Fund

Sections ▶

| Implementation Team | | | | | | |
|---------------------|----------------|--|--|--|---|----------------|
| First Name | Last Name | Title | Responsibilities | Qualifications | Prior Relevant Experience | Delete Contact |
| Bruce | Thomas | Superintendent of Schools | Dr. Bruce Thomas, Superintendent of Schools at Albert Einstein Academy of Westlake will be responsible for overseeing Einstein's Vision. | Dr. Thomas has over 30 years of experience in education through teaching, administration, and professorship. His former experience as superintendent at the Warren City Schools and Cleveland Metropolitan School District have prepared him to oversee the funds of the Straight A grant. | Prior experience overseeing large grant programs such as STEM, 21CCLC, and more. | |
| Kristen | Elliott-Thomas | Director of Student Services | Ms. Elliott-Thomas will be responsible for assisting in the interview and selection of a Director of Institutional Advancement. She will work collaboratively with the Director of Institutional Advancement in regards to school administration, student schedules, and appropriate documentation/evaluation. She will also oversee teachers in implementing the digital-integration model. | Kristen Elliott-Thomas has been an educator for over sixteen years. She has served as a teacher and school counselor in various Ohio public schools during this time. Some of her professional goals have been to establish appropriate and accessible mental health and special education services for all students, initiate school-wide programs to foster individualized learning, and to create an environment of diversity, acceptance and community within the school. She has also worked as a private therapist assisting adolescent students and their families who are struggling with the numerous issues that many families are facing today. | Ms. Elliott-Thomas has years of experience in school administration and working collaboratively with the Ohio Department of Education to ensure Albert Einstein Academy of Westlake meets all ODE standards. She will work closely with the Director of Institutional Advancement to ensure grant requirements are being met. | |
| Danielle | Kimble | Director of Fine Arts / Grants Manager | Mrs. Kimble will be responsible for coordinating project management and reporting. She will also be responsible for assisting in the selection of a qualified candidate for the Director of Institutional Advancement position. She also will coordinate programming with the Center for Arts-Inspired Learning to subcontract professional teaching artists. | Mrs. Kimble, EdM has over seven years of experience in education and administration. She is the president of a board of trustees for a non-profit, which has enhanced her leadership abilities. She is licensed and certified in Dance PreK-12, and will assist with supporting the arts curriculum-ensuring the program is aligned to state standards, and making any interdisciplinary and academic connections where deemed fit. | She previously worked with Young Audiences, a local arts agency, working with nearly 100 professional teaching artists to offer arts programming in schools and community centers throughout the Northeast Ohio region. | |
| Jeffrey | Shapiro | CEO of Albert Einstein Academies | Dr. Shapiro will be responsible for seeking candidates for the Director of Institutional Advancement. He will coordinate the job search and interview process- and will enter a 5-year contract with Albert Einstein Academy of Westlake for a full-time salary position. | Dr. Shapiro has 27 years of professional experience in education, nonprofit, and arts management. He has served as the Executive Director of the CalArts Alumni Association, the Levitt Pavilion for the Performing Arts at MacArthur Park, the Michael Hoefflin Foundation and | CEO of Albert Einstein Academies, he holds a leadership role in ensuring all Albert Einstein Academy community schools provide students with a rigorous and robust curriculum and a | |

the Jewish Life Foundation. He has held senior management positions with Brandeis University, Caltech, and Johns Hopkins.

strong education.