## Budget

**Patriot Preparatory Academy (012045) - Franklin County - 2014 - Straight A Fund - Rev 0 - Straight A Fund - Application Number (4)**

**U.S.A.S. Fund #:**

**Plus/Minus Sheet (opens new window)**

<table>
<thead>
<tr>
<th>Purpose Code</th>
<th>Object Code</th>
<th>Salaries 100</th>
<th>Retirement Fringe Benefits 200</th>
<th>Purchased Services 400</th>
<th>Supplies 500</th>
<th>Capital Outlay 600</th>
<th>Other 800</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Instruction</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>159,682.00</td>
<td>0.00</td>
<td>0.00</td>
<td>159,682.00</td>
</tr>
<tr>
<td>Support Services</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
</tr>
<tr>
<td>Governance/Admin</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
</tr>
<tr>
<td>Prof Development</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
</tr>
<tr>
<td>Family/Community</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
</tr>
<tr>
<td>Safety</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
</tr>
<tr>
<td>Facilities</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
</tr>
<tr>
<td>Transportation</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
</tr>
<tr>
<td>Total</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>159,682.00</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>159,682.00</td>
</tr>
</tbody>
</table>

**Adjusted Allocation**: 0.00

**Remaining**: -159,682.00
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:** Mobile Media Module Proposal

2. **Executive summary:** Provide an executive summary of your project proposal and which goal(s) in question if you seek to achieve. Please limit your responses to no more than three sentences. Through the purchase of 7 media carts (4 iPad carts and 3 laptop carts complete with iPads, laptops, and necessary accessories), we at Patriot Preparatory Academy intend to improve student achievement and utilize a greater share of the resources available online and in the classroom to improve our student yearly growth. There is proven research (see cited examples) that decreasing the student to technology ratio especially in the primary grades will improve student growth. Our goal is to help our students (struggling and gifted) meet and exceed the year’s worth of growth projected for them in the areas of Reading, Writing, Mathematics, and Science by utilizing the vast number of differentiated programs, apps, and online resources.

3. **443 Total Students Impacted:**

4. **Lead applicant primary contact:** Provide the following information:
   - First Name, last Name of contact for lead applicant: Dale Tucker, Elementary Principal at Patriot Preparatory Academy
   - Organizational name of lead applicant: Patriot Preparatory Academy
   - Unique Identifier (IRN/Fed Tax ID): IRN 012045
   - Address of lead applicant: 4938 Beatie Dr., Columbus, Ohio 43227
   - Phone Number of lead applicant: 614-864-5332; 012045
   - Email Address of lead applicant: dtucker@patriotprep.com

5. **Secondary applicant contact:** Provide the following information, if applicable:
   - First Name, last Name of contact for secondary applicant: Jennifer Mangles
   - Organizational name of secondary applicant: Patriot Preparatory Academy
   - Unique Identifier (IRN/Fed Tax ID): IRN 012045
   - Address of secondary applicant: 4938 Beatie Dr., Columbus, Ohio 43227
   - Phone number of secondary applicant: 614-864-5332; 012045
   - Email address of secondary applicant: jmangles@patriotprep.com

6. **List all other participating entities by name:** Provide the following information for each additional participating entity, if applicable:
   - Mentor 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:
   - Kim Norton, Patriot Preparatory Academy IRN 012045; 4938 Beatie Dr., Columbus, Ohio 43227; 614-864-5332; 012045; knorton@patriotprep.com
   - Adam Towell, Patriot Preparatory Academy IRN 012045; 4938 Beatie Dr., Columbus, Ohio 43227; 614-864-5332; 012045; atowell@patriotprep.com

7. **Partnership and consortia agreements and letters of support:** (Click on the link below to upload necessary documents).
   - * 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. **Other information:** 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.

   - This team of senior staff members will be responsible for implementing the project. This group has recently been involved in an innovative project in our school building where two classrooms were made into one by knocking down the wall that separated the classrooms. The teachers put together a request to the school board emphasizing the benefits of the completed project. Mr. Tucker, the Principal, obliged the board to implement the project, and Adam Towell was involved in helping to equip the room with student computers (2), synchronized smart boards, and a sound system. The teachers have since implemented a teaching strategy that has made this project a success.

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

9. **Which of the stated Straight A Fund goals does the proposal aim to achieve?** (Check all that apply)
   - Student achievement
   - Spending reductions in the five-year fiscal forecast
   - Utilization of a greater share of resources in the classroom

10. **Which of the following best describes the proposed project?** (Select one):
    - New - never before implemented
    - Existing and researched-based - never implemented in your district or community school but proven successful in other educational environments
    - Mixed Concept - incorporates new and existing elements
    - Enhancing/Scale Up - elevating or expanding an effective program that is already implemented in your district, school, or consortia partnership

11. **Describe the innovative project.**
    - The Mobile Media Module Project aims to improve student achievement and help utilize a greater share of differentiated resources for the classroom to assist our students in achieving or exceeding the yearly growth expected of them. The best description of the project we are proposing is an enhancement or scale up. We are hoping to elevate and expand an effective program that is already implemented in the high school of our building but not yet available in the elementary due to lack of computer access. Currently, Patriot Preparatory Academy is in Ohio's Improvement Program due to lower than expected student proficiency. Patriot Preparatory students also have little to no access to technology in the classrooms, limited access to the computer lab (see attached schedule), and no access to printed materials. Due to insufficient room for a school library, the Mobile Media Module Project that we are hoping to implement with funds from the Straight A Fund is the purchase of 7 media carts (4 iPad carts and 3 laptop carts complete with iPads, laptops, and necessary accessories). We feel that this will address lack of technology resources in our elementary program and allow teachers to use all of the resources that are available to assist students in achieving and exceeding the yearly growth goals that are expected of them. Research proves that decreasing the student to technology ratio will improve student achievement.

12. **Describe how it will meet the goal(s) selected above.** If school/district receives school improvement funds/support, include a brief explanation of how this project will advance the improvement plan.
    - Therefore, this plan to purchase 7 media carts will improve student growth. Our goal is to increase the percentage of our students who are proficient by 25% or meet the state indicator by the year 2015. Although our school does not receive OIP funds, this project will advance the improvement plan by helping teachers to more adequately meet their students' needs. With the use of computers, iPads, online resources, and apps, students will have greater access to differentiated Reading, Math, and Science lessons. Upper elementary students will have more access to reference materials for research projects, math skills practice, and motivating activities across subject areas while lower elementary students will have access to e-books, phonics practice, and basic math that will help prepare them for meeting the expectations of the third grade guarantee. Struggling and Kinesthetic students will have access to 3D manipulatives that will aid them in understanding concepts. ELL students have access to reading materials that will assist them in learning and understanding the English Language. We will be able to challenge gifted students with more engaging studies since we do not have a gifted program in our school. Since our library has been turned into a classroom due to increased enrollment this year, media carts will allow teachers to use e-books to make up for the lack of literary resources. By being able to purposefully and meaningfully differentiate in this way using the vast number of free online resources, teachers can motivate students and create a life-long love of learning.
C) SUSTAINABILITY - Planning for ongoing funding of the project, cost breakdown

13. Financial Documentation - All applicants must enter or upload the following supporting information. Responses should refer to specific information in the financial documents when applicable:

a. Enter a project budget

b. Upload the Straight A Financial Impact Template forecasting the expected changes to the five-year forecast resulting from implementation of this project. If applying as a consortia or partnership, please include the five-year forecasts of each school district, community school or STEM school member for review.

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

Attached, you will find a project budget for the proposed media carts. There will be no changes to the five-year fiscal forecast since this is an initial purchase that will cover all of the startup costs. The only continuing cost of the carts will be the electricity to power the laptops, which will be negligible.

---

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

159,682.00 * 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, RTfT money, local funding, foundation support, etc.), and provide details on the cost of items included in the budget (i.e. staff counts and salary/benefits, equipment to be purchased and cost, etc.).

The total cost for implementing the project will be $159,682.00. This includes 130 iPads with Apple Care for $85,540, four iPad carts for $10,000, 94 laptops at $34,780, and three laptop carts at $6,000. Research shows that a one to one student to technology ratio is not necessary to improve student growth, therefore we are seeking to provide one cart per grade level plus an extra to aid in scheduling and MAPS testing implementation (an ODE approved student test). The $7,500 for software for iPads is included in the proposal as well as an extra $5,400 for Microsoft Office software for the computers to assist students in research projects along with writing and presentation activities. 60 wireless keyboards for iPads at $94,140 are included to provide teachers and upper elementary students with greater opportunities and access to a wider variety of resources. Student headphones sets for $1122 (one set per computer or iPad cart) will allow student to listen to books, videos, and educational games without disturbing other students. Protective cases for the iPads at $5200 will be used to protect the technology from accidental damage. There is no other funding available for this project at this time, which is the reason for seeking grant money to increase student access to technology and thereby increasing student motivation and academic achievement.

---

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

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

* Narrative explanation/rationale: Provide details on the cost of items included in the budget (i.e. staff counts and salary/benefits, equipment to be purchased and cost, etc.). If there are no new/recurring costs, please explain why.

With this project, there will be no new/recurring costs once the grant has expired. Since this grant is for startup costs, it only needs to be funded for the purchasing of the equipment. We currently have staff to fix broken computers and hardware as well as to train new teachers as necessary, and we have included protective measures in the start up costs to limit the damage to the hardware. Once initial programs are installed, there are enough free programs available that yearly costs for program update will not be necessary. Therefore no other upkeep or recurring costs will exist.

---

16. Are there expected savings? If not, please explain why.

0.00 * Specific amount of expected savings (annual)

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

With this project, there will be no expected savings. This project is geared toward improving student achievement rather than on reducing school spending.

---

17. Provide a brief explanation of how the project is self-sustaining. If there are ongoing costs associated with the project after the term of the grant, this explanation should provide details on the cost reductions that will be made that are at least equal to the amount of new/recurring costs detailed above. If there are no new/recurring costs, explain in detail how this project will sustain itself beyond the life of the grant.

This project is self-sustaining because once the media carts are purchased, the only upkeep will be electrical to keep the computers charged, and that will be a negligible cost that the school will incur.

D) IMPLEMENTATION - Timeline, communication and contingency planning

18. Fill in the appropriate dates and an explanation of the timeline for the successful implementation of this project. In each explanation, be sure to briefly describe the largest barriers that could derail your concept or timeline for implementation and your plan to proactively mitigate such barriers. In addition, the narrative should list the stakeholders that will be engaged during that stage of the project and describe the communication that occurred as the application was developed.

Describe the ongoing communication plan with the stakeholders as the project is implemented. (Stakeholders can include parents, community leaders, foundation support and businesses, as well as educational personnel in the affected entities.)

* Proposal Timeline Dates

Plan (MM/DD/YYYY): 01/01/2014

* Narrative explanation

Proposed time for beginning the project is 01/01/2014 (or before, based on when funds are available). Since the Straight A Funds will be awarded in mid-December, we would seek to implement this project on the first of January providing that we are awarded the funds to implement this project. The biggest obstacle in this phase of the project would be not being awarded the funds to pursue the project.

Implementation (MM/DD/YYYY): 02/01/2014

* Narrative explanation

Implementation is projected for no later than 2/1/2014 (but as quickly as possible after purchase and receipt of components). We would need to order the various components of the project and wait for their arrival in order to begin using the media in the classrooms. Some of the obstacles to this part of the project would be the availability of 130 iPads and 94 laptops along with waiting for their delivery and the delivery of the media carts. Another obstacle would be the imaging of the laptops so that there is a backup in case they crash. That would take time, but our hope is to order the laptops during Christmas break so that much of the time necessary for delivery and imaging will be able to be done before school begins again in January. On February 7, 2014, Patriot Preparatory staff is scheduled to have a Professional Development Day where elementary teachers can learn how to register on and practice with the variety of resources that are available.

Summative evaluation (MM/DD/YYYY): spring/summer of 2014

* Narrative explanation

The primary evaluation of the project success will take place in the spring/summer of 2014 when OAA test results are available and the determination is made as to whether our school’s student body has met or surpassed our student proficiency goals. At that time, the implementation team will assess the project success and make a determination as to any changes that need to be implemented before the following school year to achieve the success that is desired. We would then use the 2015 spring state test scores as a summative assessment as to the effectiveness of the Mobile Media Modules and make any other changes appropriately.

---

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

The expected changes to the instructional and organizational practices in our school will occur in the daily schedules for students especially in grades K-2 since they currently have no time in the computer lab schedule. It will also make changes to the third grade schedule since they share computer time once every other week. Organizational items that will need to occur will be to develop a schedule for the media carts so that teachers can schedule the laptops or iPads at particular times for their classrooms. Instructional practices that will need to change will be the instruction of teachers on how to use the media carts and appropriate programs or apps that will be useful to differentiate instruction in the classroom to meet the varied needs of each student. The implementation of the new technology will necessitate a shift from teacher directed instruction to student driven instruction.

---

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

20. Describe the rationale, research or past success that supports the innovative project and its impact on student achievement, spending reduction in the five-year fiscal forecast or utilization of a greater share of resources in the classroom.

Cross the country, there are many examples of school districts improving test scores by decreasing the student to technology ratio. Listed below are several successful examples, and while each of the following successful programs are unique, they all led to student success by putting more technology into students’ hands. --Missouri introduced a program, EMINT, which reduced the Black-white achievement gap by 50%. (Bogau) --A 1-1 student computer initiative studied in Maine found that “an average student in 2005 scored better on standardized tests than approximately two thirds of all...
21. Is this project able to be replicated in other districts in Ohio?

Yes
No

22. If so, how?

The project can easily be implemented in other districts with the right funding. As indicated through numerous research studies across the country, there is not one way to best implement technology in the classroom. But rather, research indicates, that by reducing the student to technology ratio, test scores are improved. If expected results are achieved, the changes made to teaching practices at Patriot Prep could be applied to other schools working toward improving student achievement.

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

The primary purpose of this project is to increase student access to technology in order to increase the percentage of students proficient in each content area by 20% or meet the state indicator for percentage of students who are proficient. However, there are other significant outcomes that will continue after yearly growth goals have been met. With access to technology, students will be able to conduct research and publish writing. Teachers will also be able to use preexisting differentiated resources to meet the unique needs of each student. Students will be able to access e-books since, due to space, our school no longer has a library. Students will also gain valuable computer literacy skills including, but not limited to, typing, determining the value of online content, and appropriate technology use. The most important lasting effect of this project will be motivating students and cultivating life-long learners.

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.

With technology available for all elementary K-5 students, Patriot Preparatory Academy will be able to achieve either the 20% increase in number of students proficient in content areas or the state indicator of the number of students who are proficient. The effectiveness will be easily determined by the results of OAA testing in 2014. Success of the project will be further measured in 2015 after OAA results are released and student achievement has been reviewed.

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).

* Included the method, process and/or procedure by which the program will modify or change the program plan if measured progress is insufficient to meet program objectives.

The effectiveness of the implementation will be evaluated quarterly through the use of MAP testing (an ODE approved student test to measure student growth). OAA scores in 2015 will be used as an summative assessment of the effectiveness of the project. If Patriot Preparatory Academy has not met the 20% improvement in proficiency or state determined indicators by 2015, we will reevaluate the way technology is being used in the classrooms. If the technology is not being used regularly or effectively, teachers may need to be mandated with a schedule, provided additional training, or be required to implement programs proven to aid student growth because Patriot Preparatory Academy is dedicated to the success of its students.

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  Dale Tucker, Elementary Principal, Patriot Preparatory Academy, October 18, 2013