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Adjusted Allocation: 0.00

Remaining: -1,699,000.00
A) APPLICANT INFORMATION - General Information, Experience and Capacity

1. Project Title: Technology Integration at Every Level

2. Executive summary: Provide an executive summary of your project proposal and which goal(s) in question 9 you seek to achieve. Please limit your responses to no more than three sentences.

3. Overall description of project and alignment with Outcomes

4. Lead applicant primary contact: - Provide the following information:
   - First Name, Last Name of contact for lead applicant: Rodnye Wallace
   - Organizational name of lead applicant: Adams County Ohio Valley Schools
   - Unique Identifier (IRN/Fed Tax ID): 061903
   - Address of lead applicant: 141 Lloyd Rd, West Union, OH 45693
   - Phone Number of lead applicant: 937-544-5586 ext 17100
   - Email Address of lead applicant: rodnye.wallace@ovsd.us

5. Secondary applicant contact: - Provide the following information, if applicable:
   - First Name, Last Name of contact for secondary applicant: Marketta Lawhorn
   - Organizational name of secondary applicant: Adams County Ohio Valley Schools
   - Unique Identifier (IRN/Fed Tax ID): 061903
   - Address of secondary applicant: 141 Lloyd Rd
   - Phone number of secondary applicant: 937-544-5586 ext 17600
   - Email address of secondary applicant: marketta.lawhorn@ovsd.us

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.

Brian Rocket-Principal North Adams High School IRN-033944 2465 Moore's Road Seaman, Ohio 45679 (937) 386-2528 brian.rocket@ovsd.us
Marka Lamb-Principal Peebles High School IRN-020773 25719 St. Rt. 41 Peebles, Ohio 45660 (937) 587-2681 mm.davis@ovsd.us
Amanda Lamb-Principal Peebles Elementary School IRN-020520 700 Peebles Indian Drive Peebles, Ohio 45660 (937) 587-2611 amanda.lamb@ovsd.us
Benjamin King-Principal West Union High School IRN-038893 327 Lloyd Road West Union, Ohio 45693 (937) 544-5553 ben.king@ovsd.us
Shay Pennington-Principal West Union Elementary School IRN-034715 341 Lloyd Rd West Union, Ohio 45693 (937) 544-2961 shay.pennington@ovsd.us
Tad Mitchell-Principal Ohio Valley Career Technical Center IRN-070425 175 Lloyd Road West Union, Ohio 45693 (937) 544-2336 t.mitchell@ovsd.us

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

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.

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 by increasing student access to technology
   - Reduced spending and environmental impact through the transition to paperless classrooms

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

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 ACOVSD Technology Integration at Every Level project will allow every student in every classroom unprecedented access to technology and will provide opportunities to take advantage of educational technology resources in a multitude of innovative ways. In the digital education age, technology is an integral part of students and faculty's daily routine. Antiquated workflows and processes will evolve into modern, efficient ones. The implementation of new technology in the district's High School buildings and the Career & Technical Center will create a learning culture conducive to boosting digital literacy and 21st century college and career readiness skills. The existence of existing buildings from these to the Elementary and Middle school will also equip the early grades for full technology integration. The modifications and improvements to wireless infrastructure will allow for more student and teacher access to vital blended learning opportunities as well as testing readiness for online assessments. This will require that the funds will be spent on building a wireless network that can support the needs of the current student body and those to be added in the future. The funds will be spent on building a wireless network that can support the needs of the current student body and those to be added in the future. The funds will be spent on building a wireless network that can support the needs of the current student body and those to be added in the future. The funds will be spent on building a wireless network that can support the needs of the current student body and those to be added in the future. The funds will be spent on building a wireless network that can support the needs of the current student body and those to be added in the future. The funds will be spent on building a wireless network that can support the needs of the current student body and those to be added in the future. The funds will be spent on building a wireless network that can support the needs of the current student body and those to be added in the future.

12. **How will the project be implemented?**

- The project will be implemented through the purchase of Chromebook laptops, which are used to purchase desktop computers since the Chromebook cost is much less than desktop computers.
- The Technology Integration at Every Level project will also promote the creation of virtual labs within each of the three high schools to support the creation of the Adams Virtual Academy.
- The wireless network will be used by students to access their digital resources and wireless technology.
- The Chromebook laptops are also a large portion of the budget request and project success requires substantial professional development for teachers before, during, and after implementation of a one-to-one plan. Online classes and professional development (253,500) complete the budget request so that teachers will be prepared to teach and learn using digital resources and wireless technology.

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 as a consortia or partnership, please include the five-year forecasts of each school district, community school or STEM school member for review.

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

1,699,000.00 * 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, R/IT money, local funding, foundation support, etc.), and provide details on the cost of items included in the budget (i.e. staff costs and salary/benefits, equipment to be purchased and cost, etc.)

One of the largest budget expenditures ($700,000) is the proposal for the upgrade to the wireless network. The upgrade is necessary to support additional devices for students. A robust wireless network will allow for seamless use of wireless devices anywhere in our buildings. This will be important as our district transitions to a "bring your own device" policy. The wireless network will be used by students using Chromebooks for the Google Apps for Education and online curriculum. Chromebooks will be a large portion of the budget request, and project success requires substantial professional development for teachers for both online classes and professional development (253,500) complete the budget request so that teachers will be prepared to teach and learn using digital resources and wireless technology.

15. **What new/recurring costs of your innovative project will continue once the grant has expired?**

If there are no new/recurring costs, please explain why.

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

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

The recurring costs will be offset by savings and reallocation of current budget items. The current budget will maintain the technology after implementation of Technology Integration at Every Level. With management software, reallocation of duties and online support there should not be a need for additional support staff. Costs are being offset by the decrease in purchasing of desktop computers since the cost of a Chromebook is one quarter of the new desktop. The current technology budget will sustain the ongoing purchase of Chromebooks and online curricula.

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

31,100.00 * Specific amount of expected savings (annual)

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

Costs savings include the following:
- By implementing the project the district will move toward paperless or paper-reduced classrooms. Teachers and students will share electronic documents rather than sharing paper documents.
- Expected savings of $5,000 per year on paper costs will be achieved through the project.
- Students and teachers become more familiar with electronic document sharing.
- Electricity - Replacing old desktop computers and CRT monitors with energy efficient Chromebooks will reduce the overall use of electricity by at least $5,000 per year. Computer purchasing - The cost of a Chromebook is one quarter of the cost of a new computer and will allow for a large cost savings during the first two years following the purchase. An additional cost savings made in the Chromebooks is that they will allow for two years of small purchases as needed by the current budget. The average cost savings will be $5,000 per year. Textbook purchases - Initially, purchases of elective course textbooks will be eliminated by moving to online textbooks and resources and focused on using online textbooks and electronic resources for core classes. The in-class savings will be approximately $10,000 per year and will probably increase as teachers and students become more comfortable with digital resources.

17. **Provide a brief explanation of how the project will be sustained.**

Sustainability planning for ongoing funding of the project, cost breakdown

- The project will continue once the grant has expired. If there are no new/recurring costs, please explain why.

18. **D) IMPLEMENTATION**

- **Timeline, communication and contingency planning**

  - 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.)
Planning has obviously started with the grant application. Upon notification of grant approval, the district will create a specific timeline for training and purchases. Initial purchase orders will be entered as soon as grant money and budget line items become available. Winter break will allow the technology department time to prepare for device distribution and training locations for winter and spring. The first round of training will take place during the last week of December 2013. Implementation of the wireless network will begin as soon as purchase orders can be entered and distributed to vendors.

Implement (MM/DD/YYYY): 01/06/2014

Summative evaluation (MM/DD/YYYY): 05/23/2014

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.

Students who have access to online, blended and other forms of technology enriched instruction are more successful. Rationale with regard to the benefit of online learning and technology integration has been well documented by the U.S. Department of Education. In the meta-analysis and review of online learning and evidence-based practices (2010), evidence showed that on average students in online learning conditions performed modestly better than those receiving only face-to-face instruction. Technology-based instruction can reduce the time students take to reach a learning objective by 30-80 percent, according to the U.S. Department of Education and recent studies by the National Training and Simulation Association. Creation of the one-to-one element of the project will enable teachers and students to engage in these innovative mediums of instruction. Reductions in paper consumption, technology maintenance, supplemental personnel and purchase agreement overage will stimulate district savings and increase each consecutive year extending long-term gains beyond the five-year forecast. The elimination of costly alternative placements and anticipated correspondence school contracts will work to complement district savings as well. Transition to Bring Your Own Device policies will also help complete the bridge made possible through initial supplementation of resources by way of the Technology Integration At Every Level project.

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

** Yes **

22. If so, how?

Ohio schools can look to the examples built into this proposal to find similar savings measures and reductions within their own district for funding. The savings measures include but are not limited to: reallocation of technology resources, reduction of purchased services for home instruction, reductions in paper consumption, lower textbook expenditures, reduction in shipping and organizational costs and potential energy savings.

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

Encompassing nearly 500 square miles of rolling farmland and boasting a poverty level nearly twice the national average, the Adams County Ohio Valley School District faces unique challenges for keeping pace with the demands of technology and digital literacy. The value associated with this innovative proposal surrounds providing capability for both students and staff in the ACOVSD to realize the benefits of technology in their daily lives and beyond. As a district chosen for piloting the new PARCC assessments, this project aides in the technology reaction necessary for participation and allows ACOVSD to meet technology challenges for years to come. Students and staff members will increase digital literacy as well as become measurably more prepared for instruction and assessments. Systemic changes will take place as a result of this proposal that will result in lasting cost savings in the long term coupled with complimentary measures to low environmental impact through the transition to paperless classrooms.

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.

Each of the Straight A Fund goals can be measured in such a way as to demonstrate marked gains. The following benchmarks will be used to gauge success with regard to the Technology Integration at Every Level project. In accordance with evidenced-based research, student passing rates on Ohio Achievement Assessments/PARCC and Ohio Graduation Tests will increase by a margin of 2% district-wide for the next five years. -ACOVS Dgraduation rate will increase by a margin of 2% a year for the next five years. -Wireless capacity and density will more than double as a result of additional access points throughout the district as well as software upgrades and improvements. Buildings currently equipped with an average of 20 wireless access points will be upgraded to 60 access points per building. -The number of students able to access devices will increase from a one-to-six ratio to a one-to-one ratio in grades 7-12. -ACOVSD paper consumption will decrease by a margin of 25% in the first year and an additional 5% in each of the next consecutive 4 years.

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 progress.)

Evaluation of the Technology Integration At Every Level project will be completed on many levels. The purchase and installation of network access points and software along with the purchase and delivery of student devices will constitute the initial checkpoint for project roll out. As the second semester of the 2013-2014 school year begins, staff professional development will be provided to adequately equip staff members to utilize devices. Partnering with SOITA and the Southern Ohio Education Service Center, teachers will be trained to utilize technology for blended learning activities and classroom data collection from formative assessments to drive instruction. These measures will be evaluated through OTES walk-thru and formal evaluations. Student drop-out rate will be monitored in conjunction with the Adams County Common Pleas Court. Data will be collected through the Adams Virtual Academy and made available to local judges for rendering decisions with regard to truancy and student course credit completion. Harnessing the power of the technology, student log-ins, seat time and keystroke count will be tracked and reported to Adams County Common Pleas Court. Formative assessments, including NWEA MAP, Ohio Achievement Assessments, Ohio Graduation Tests and Thinkigate custom assessments, will continue to provide data concerning initial improvements in student achievement. Assessments will also be used periodically throughout the five-year gauge student progress. The partnership with Adams-Clermont Solid Waste District will provide assistance in the evaluation of reduction of paper and building waste. Paper consumption savings will be tracked through ACOVS D Central Office staff using comparison data to evidence reductions throughout the district. Modification and staff training will be completed throughout the year as shown necessary by the data collection.

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
Rodney Wallace Superintendent Adams County Ohio Valley School District 061903 10/24/2013