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Adjusted Allocation: 0.00
Remaining: -73,588.00
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: Trends and Outlets: Data Warehousing for Student Success

2. Executive summary: Provide an executive summary of your project proposal and which goal(s) in question 8 you seek to achieve. Please limit your responses to no more than three sentences.

New Albany-Plain Local Schools will be seeking a Data Warehouse in order to consolidate the data that exists about students in disparate systems. The combination of this data in one system will streamline access to information to inform decisions about the academic needs of each and every student. This will lead to gains in student achievement as we focus in on the needs of each child.

4727 3. Total Students Impacted:

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

First Name, Last Name of contact for lead applicant: Keith Pomeroy
Organizational name of lead applicant: New Albany-Plain Local School District
Unique Identifier (RN/Fed Tax ID): 046995
Address of lead applicant: 55 North High Street, New Albany OH 43054
Phone Number of lead applicant: 614-855-2040
Email Address of lead applicant: pomeroy.1@napl.us

5. Secondary applicant contact: - Provide the following information, if applicable:

First Name, Last Name of contact for secondary applicant: N/A
Organizational name of secondary applicant: N/A
Unique Identifier (RN/Fed Tax ID): N/A
Address of secondary applicant: N/A
Phone number of secondary applicant: N/A
Email address of secondary applicant: N/A

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

* Letters of support are for districts in academic or fiscal distress only. If school or district is in academic or fiscal distress and has a commission assigned, please include a resolution from the commission in support of the project.

* If a partnership or consortium will be established, please include the signed Straight A Description of Nature of Partnership or Description of Nature of Consortium Agreement.

UploadGrantApplicationAttachment.aspx

8. Please provide a brief description of the team or individuals responsible for the implementation of this project including relevant experience in other innovative projects. You should also include descriptions and experiences of partnering entities.

Michael Sawyers - As the Chief of Operations and Strategic Development, Michael Sawyers brings a wealth of experience both as a district superintendent and as the acting superintendent for the state of Ohio. In both positions Michael has had significant experience in moving data into integrated systems in order to improve efficiency of dealing with data and the ability to use this data to drive decisions to support academic achievement. Keith Pomeroy - As Director of Technology, Keith has 15 years of experience as an administrator in Technology. He has worked closely over the past 12 years with data warehousing solutions and the integration of data between systems through multiple systems. Neil Gupta - Dr. Gupta is currently the Director of Teaching and Learning for the New Albany-Plain Local Schools. Prior to joining New Albany Dr. Gupta was the Director of Secondary Education at Ashland City Schools, a position he held for seven years. He has also served as assistant high school principal and a mathematics teacher at Ashland High School. Dr. Gupta is an adjunct professor at Ashland University where he develops and facilitates a variety of teacher and education administrator training programs. Dr. Gupta has extensive experience in teacher development having served on the Teacher Evaluation Field Test Committee for the Ohio Department of Education, and Ashland University's Professional Development Services Advisory Council. His committee focus has been the integration of 21st Century Skills with high expectations for educators. Dr. Neil K. Gupta holds a doctoral degree in Educational Leadership (Ed. D.) from Ashland University, as well as a superintendent's license from the State of Ohio. He earned his bachelor degree in education from Miami University and a master's degree from Ashland University. He is a member of the Ohio Association of Secondary School Administrators and the National Association of Secondary School Principals. Rob Hood - As the lead systems administrator for the past 15 years, Rob has significant experience with integrating systems for the New Albany-Plain Local Schools. Prior to coming to New Albany Rob worked in the corporate sector and has a significant amount of experience with systems at the corporate level.

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 research-based - never implemented in your district or community school but proven successful in other educational environments
- Mixed Concept - incorporates new and existing elements
- Enhancing/Scale Up - elevating or expanding an effective program that is already implemented in your district, school, or consortia partnership

11. Describe the innovative project.

New Albany-Plain Local Schools will be seeking a data warehouse in order to be responsive to our student's needs. Our district is using a series of assessments in order to identify where students are in order to provide appropriate instruction (BAS reading assessment, NWEA MAP, AIMSweb, and state assessments). The district Multi Tiered Systems of Support (MTSS) teams have struggled to combine these different points of data about a child in order to inform their conversations about what is necessary for each child. We are seeking a Data Warehouse in order to take a more integrated approach.

The installation of a Data Warehouse will provide the opportunity to both directly impact student achievement and to provide a greater share of resources to the classroom. Through the installation of a data warehouse, the district will be able to extend the work of our district MTSS teams. These teams meet continually in order to analyze student data and identify areas of need for specific students throughout our learning community. There are different areas of focus depending on the age of student and there is a significant amount of manual entry that occurs in order to combine the data from different assessments in our current process. The use of a data warehouse will allow for these teams to focus on the analysis rather than the entry of data. This will allow for each team to identify areas of need and concern, track response to intervention (RTI), generate individualized plans, and use standard protocols to frame discussions about the information learned with teachers using practices identified in Professional Learning Communities. The use of a data warehouse has shown the following five benefits: - A Data Warehouse Delivers Enhanced Business Intelligence-By providing data from
various sources, managers and executives will no longer need to make business decisions based on limited data or their gut. - A Data Warehouse Saves Time - Since business users can quickly access critical data from a number of sources all in one place - they can rapidly make informed decisions on key initiatives. They won't waste precious time retrieving data from multiple sources. Not only that but the business execs can query the data themselves with little or no support from IT - saving time and more money. That means the business users won't have to wait until IT gets around to generating the reports, and those hardworking folks in IT can do what they do best - keep the business running. - A Data Warehouse Enhances Data Quality and Consistency - A data warehouse implementation includes the conversion of data from numerous source systems into a common format. Since each data in the various departments is standardized, each department will produce results that are in line with all the other departments. So you can have more confidence in the accuracy of your data. And accurate data is the basis for strong business decisions. - A Data Warehouse Provides Historical Intelligence - A data warehouse stores large amounts of historical data so you can analyze different time periods and trends in order to make future predictions. Such data typically cannot be stored in a transactional database or used to generate reports from a transactional system. - A Data Warehouse Generates a Higher ROI - Finally, the piece de resistance - return on investment. Companies that have implemented data warehouses and complementary BI systems have saved more money than companies that haven't invested in BI systems and data warehouses. And that should be reason enough for senior management to jump on the data warehouse bandwagon. See more at: http://spcinfite.tibco.com/blog/?p=7597#sthash.hu7Vkt.dpuf These efficiencies should give the opportunity to place more time and resources back into classroom in order to provide time and focus on student achievement. The use of a data warehouse will move staff away from data entry and manual work to compare data to the ability to query existing data for the information needed and the ability to focus on what the data is telling us about each student. This will allow these professionals to do what they do best, focus on the needs of each child. This also moves from the use of a gut reaction, to a more systemic approach to understanding what the data tells us.

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.

A third party vendor that can provide a system that has the potential to give the following features within a data warehousing system. - Academic Planning - Ad Hoc Reporting - Assessments - Assignment Management - Attendance - Behavior - Calendar - Census - Course Management - Course Registration - Data Analysis - Transcript - Fees - Filters - Free and Reduced Application Management (FRAM) - Grade Book - Health - Locker Management - Messenger - Mobile Portal - MS SQL Reporting Services - National Records Exchange - Online Assignments - Portal - Scheduler - Special Education - State Reporting - Survey - Transportation - Continuous Backup - Data Extract Utility - Data Health Check - Data Warehouse Export - Food Service - Infinite Campus University - Messenger with Voice - Multi-language Editor - Online Payments - Online Registration - Student Feeder

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

   73,588.00  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, RTT 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 annual recurring cost will be $40,000. This is the cost of a hosted solution for 4,727 students. No other funds will be used to support this concept. The District has already included the cost in the five-year forecast for this project.

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

   40,000.00  * Specific amount of new/recurrent 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/recurrent costs, please explain why.

   The District has already included this cost in its five-year forecast therefore it is considered sustainable.

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

   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.)

   The District does not anticipate a savings as a result of implementing this program. The District has already included this expenditure in the five-year forecast and, therefore considers the expenditure sustainable.

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/recurrent costs detailed above. If there are no new/recurrent costs, explain in detail how this project will sustain itself beyond the life of the grant.

   The annual recurring cost will be $40,000. This is the cost of a hosted solution for 4,727 students. No other funds will be used to support this concept. The District has already included the cost in the five-year forecast for this project.

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

From January 9, 2014 through January 31, 2014, a committee of the New Albany Plain Local School District representatives will meet with representatives from three different vendors for data warehousing projects. Participants will include Michael Sawyers, Keith Pomeroy, Neil Gupta, Rob Hood and other employees necessary for successful implementation. The largest barrier envisioned is time. This barrier will be overcome by scheduling meeting dates and times now in anticipation of the successful receipt of the grant award requested. We will provide public updates on our planning via Board of Education meeting, staff meetings and communications, our district website and parent and community news wires. The district publicly discussed our grant application with leaders including the Board of Education, administrators, and association leaders or their executive committee.

Implement (MM/DD/YYYY): 02/03/2014

   * Narrative explanation

Beginning February 3, 2014 through June 27, 2014, or based upon dates mutually agreeable with the data warehousing vendors during our January planning, district leaders and identified employees will actively participate in transitioning and testing data as well as initial product training. Training sessions will occur specifically for each building based on the specific needs of each learning communities needs. The district will work through the conversion of data through an implementation plan designed with the selected vendor. This plan will work through identifying and teaching all data required (staff, student, schedules, assessments, etc.)

Summative evaluation (MM/DD/YYYY): 06/30/2014

   * Narrative explanation

From June 30, 2014 through August 15, 2014, the district will conduct an audit to verify data integrity. A random sampling of 10% of the student data available at each grade level will be audited to produce a report verifying data integrity. Additionally, based upon summative evaluation feedback received at the end of each staff professional development session, training will be immediately adjusted for continued instruction. Anecdotal data received based upon staff use will also inform daily practice and recommendations to the approved vendor.

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

The direct impact of this data warehouse will be a change in the conversations about students and where time is spent in order to inform these conversations. This will have a direct impact on supporting student achievement. Our MTSS teams currently spend hours hand keying and organizing data in order to prepare to have conversations about trends and student needs. The organization of this data into a data warehouse will immediately shift the balance to the conversations about trends and needs in order to focus on support to increase student achievement. The use of proven approaches such as
Professional Learning Communities (PLCs) to participate in inquiry about what the data is telling us will provide a structure to focus on the needs of all students. The shift we will see is a focused on pulling the information that will inform discussions about children rather than the work to gather this information from multiple sources. The resources will be immediately focused on the goal of improving student achievement and supporting our learners.

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.

The research on the use of Professional Learning Communities alone shows that this approach can be replicated and that success has been found by using organized data to focus on the needs of students. Louis and Marks (1998) found that when a school is organized into a professional community, the following occurs: 1. Teachers set higher expectations for student achievement. 2. Students can count on the help of their teachers and peers in achieving ambitious learning goals. 3. The quality of classroom pedagogy is considerably higher. 4. Achievement levels are significantly higher. The National Education Association, America's largest teaching organization with over 2.7 million members, is committed to making teaching more rewarding and satisfying. In pursuit of its long-term vision of "a great public school for every student," the NEA has created its own recommended school improvement model: The Keys to Excellence. The model is intended to help educators with school improvement plans and to help them meet the challenges of the No Child Left Behind Act (NCLB). Although the model never uses the term professional learning community, its six keys to a quality school are consistent with PLC principles. The NEA keys and examples of some of the specific indicators the organization has identified for each follow: 1. Shared understanding and commitment to high goals: "The staff has a collective commitment to and takes responsibility for implementing high standards for all students."
2. Open communication and collaborative problem solving: "Teachers and staff collaborate to remove barriers to student learning.
3. Continuous assessment for teaching and learning: "Student assessment is used for decision making to improve learning." 4. A variety of assessment techniques are used. 5. Personal and professional learning: "Teachers have regularly scheduled time to learn from one another.
6. Resources to support teaching and learning: Computer hardware and software supplies are adequate for students and teachers.
3. Support services are adequate. 6. Curriculum and instruction: "Instruction includes interventions for students who are not succeeding."
4. Teachers are open to new learnings and rethink their approaches to teaching and assessment practices based on teacher-directed action research and other classroom based inquiries. (NEA, 2003) Focusing our conversations around student success using these protocols and with the data to make informed decisions has proven to be effective in creating significant gains in student achievement. New Albany hopes to shift resources that have been used to collect data to using this data to inform our conversations and create the supports necessary to increase student achievement.

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

[ ] Yes  [ ] No

22. If so, how?

The use of data warehouses is a proven solution and the evolution of cloud based or hosted solutions has made this a viable option for many schools. The protocols for establishing a PLC have been proven and replicated many times across the country. The use of data to engage in the correct conversations with evidence rather than assumptions has changed achievement levels in many districts. These are proven solutions that if planned and supported can have a significant impact on student achievement.

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

The substantial impact that New Albany hopes to gain is a focus on our students rather than our disparate systems. One unified approach to our data will allow for the lasting impact of a greater focus on our student needs and the direct impact of moving support to the classroom rather than data collection and organization. The lasting impact we desire is an increase in support and success for all students.

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.

Increasing student achievement for all students is the New Albany Plan's goal of this project. The ability to create efficiencies in order to focus our resources back to classroom level supports should allow us to focus more effort on student achievement.

25. Describe the plan to evaluate the impact of the concept, strategy or approaches used.

* Include the method by which progress toward short- and long-term objectives will be measured. (This section should include the types of data to be collected, the formative outputs and outcomes and the systems in place to track the program's progress).

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

By virtue of applying for the Straight A Fund, all applicants agree to participate in the overall evaluation of the Straight A Fund for the duration of the evaluation timeframe. The Governing Board of the Straight A Fund reserves the right to conduct evaluation of the plan and request additional information in the form of data, surveys, interviews, focus groups, and any other related data to the legislature, governor, and other interested parties for an overall evaluation of the Straight A Fund.

PROGRAM ASSURANCES: I agree, on behalf of this applicant agency and/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.

Accept Rebecca Jenkins, Treasurer/CFO New Albany-Plain Local School District 10/25/2013