

Budget

Midview Local (048173) - Lorain County - 2014 - Straight A Fund - Rev 0 - Straight A Fund - Application Number (263)

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	13,599.00	170,134.00	136,400.00	0.00	320,133.00
Support Services		0.00	0.00	0.00	0.00	0.00	0.00	0.00
Governance/Admin		0.00	0.00	0.00	0.00	0.00	0.00	0.00
Prof Development		12,000.00	95,676.00	52,400.00	6,600.00	0.00	0.00	166,676.00
Family/Community		0.00	0.00	2,700.00	5,000.00	0.00	0.00	7,700.00
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		12,000.00	95,676.00	68,699.00	181,734.00	136,400.00	0.00	494,509.00
Adjusted Allocation								0.00
Remaining								-494,509.00

Application

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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: Midview's Success STEMs from Innovative Relationships

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.

Leaders of tomorrow begin here at the Midview Schools. This plan allows our district to develop human capital by blending our community and universities. The success of this plan will bring STEM and literacy to the forefront of the educational spectrum.

3200 3. Total Students Impacted:

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

First Name, last Name of contact for lead applicant: Dan White

Organizational name of lead applicant: Midview Local School District

Unique Identifier (IRN/Fed Tax ID): 048173

Address of lead applicant: 13050 Durkee Road, Grafton, OH 44044

Phone Number of lead applicant: 440-748-5306

Email Address of lead applicant: dwhite@midviewk12.org

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

First Name, last Name of contact for secondary applicant: N/A

Organizational name of secondary applicant: N/A

Unique Identifier (IRN/Fed Tax ID): N/A

Address of secondary applicant: N/A

Phone number of secondary applicant: N/A

Email address of secondary applicant: N/A

6. List all other participating entities by name: Provide the following information for each additional participating entity, if applicable: Mention First Name, Last Name, Organizational Name, Unique Identifier (IRN/Fed Tax ID), Address, Phone Number, Email Address of Contact for All Secondary Applicants in the box below.

Primary Partner: The University of Akron, Mr. Jim Tressel Vice President for Student Success, Tax ID/IRN: [REDACTED] Phone Number: 330-972-5524 Email: jtressel@uakron.edu, Address: 302 Buchtel Mall, Akron, OH 44325 Secondary Partner: Lorain County Community College, Mr. Roy A. Church President, IRN: [REDACTED] Phone 440-366-4050, Email: rchurch@lorainccc.edu, Address: 1005 Abbe Road North CC 222, Elyria, OH 44035 Secondary Partner: Project MORE, Amy Freeman, Project MORE Director, Tax ID: [REDACTED] Phone: 419-523-5951, Email: afreeman@pm.noacsc.org, Address: 124 Putnam Parkway, Ottawa, OH 45875 University of Cincinnati - No signed Secondary Partner but we do have an attached letter of support. NASA - No signed Secondary Partner but we do have an attached letter of support

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.

Mr. White authored the Race to the Top, RTTT, grant for another school district and was responsible for faithful implementation of the Scope of Work. He also authored and was awarded a grant from the Nord Family Foundation to implement Gateway to Technology at the middle school level. Mr. White also authored and was awarded two Ohio Performance Assessment Pilot Project grants by the Ohio Department of Education. These grants were for elementary and high school social studies. Mr. White maintained faithful communication with the RTTT regional specialist and John Mullaney with the Nord Family Foundation to ensure compliance and fidelity in implementation of the funded projects. As the web-page for The University of Akron states, "At The University of Akron you will find excellence in the breadth and quality of 300 academic degree programs, and in the highly talented faculty who will help mold you into a critical thinker. You will find a metropolitan setting that places you in the heart of a dynamic, regional economy, and in sync with the pulse of business, government and the community. Most important, you will discover energy, in the high-tech classrooms of our new academic buildings, in our new Student Union and Student Recreation and Wellness Center, and among the 200 student organizations on campus." As the web-page for The University of Cincinnati states, "The University of Cincinnati offers students a balance of educational excellence and real-world experience. UC is a public research university with an enrollment of more than 42,000 students." As the web-page for LCCC states, "The Lorain County Community College, an innovative leader in education, economic, community, and cultural development, serves as a regional catalyst for change in a global environment through accessible and affordable academic and career-oriented education, lifelong learning, and community partnerships." As the web-site for PLTW states, "Project Lead The Way (PLTW) is the leading provider of rigorous and innovative Science, Technology, Engineering, and Mathematics (STEM) education curricular programs used in middle and high schools across the U.S. STEM education is at the heart of today's high-tech, high-skill global economy. For America to remain economically competitive, our next generation of leaders -- the students of today -- must develop the critical-reasoning and problem-solving skills that will help make them the most productive in the world. STEM education programs like the one offered by PLTW engage students in activities-, projects-, and problem-based (APPB) learning, which provides hands-on classroom experiences. Students create, design, build, discover, collaborate and solve problems while applying what they learn in math and science. They're also exposed to STEM fields through professionals from local industries who supplement the real-world aspect of the curriculum through mentorships and workplace experiences." As the web-site for Project MORE states, "Project More is a scientifically based volunteer reading mentoring program is being implemented in Ohio. According to an independent evaluation conducted by the Center for Evaluation Services, Bowling Green State University during the 2002-2008 school years, Project MORE significantly increased the reading levels of students with disabilities on both informal and standardized reading assessments. Based on the independent evaluation, Project MORE has demonstrated that 1:1 structured, volunteer reading mentoring is Effective, Affordable, Replicable and Sustainable (EARS). Project MORE: Mentoring in Ohio for Reading Excellence is a scientifically based reading research program that follows the No Child Left Behind" high expectation for all" standard. Initially, Project MORE was designed to raise the expectations and performance for children with disabilities in the area of reading, but has also proven effective for students at-risk for reading failure.

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.

* In 2013 only 21.1% of the people living in Midview Local School District had a college degree or more. We believe that percentage can be much higher. We want to graduate more students college and

career ready earning college degrees or more. * 22 Midview teachers will earn their K-12 Reading Endorsement and possibly Masters Degree via our partnership with the University of Cincinnati * Those 22 are committed to 3 Parent/Teacher nights to train our parents on how to help their children read better. Those 22 are committed to three teacher work days to train fellow teachers so all children will benefit * Project MORE is a research proven system for helping students with disabilities or in Title 1 programs significantly improve their reading. They will train building leaders to organize and train mentors to work one-to-one 30 minutes a day with our students * Midview students will focus learning on literacy in K-3 then transition to literacy and S.T.E.M. 4th-12th * Midview utilizes Straight A Grant to invest heavily in S.T.E.M. Project Lead the Way's high school Engineering courses, Biomedical Sciences, Gateway to Technology, and 3rd - 5th grade curriculum so that students will enjoy authentic S.T.E.M. project based lessons and courses from 3rd - 12th * Strategic partnerships with area S.T.E.M. centers such as NASA and medical facilities are in process * U of A welcomes on Akron campus 4th grade students & their parents for 7 day of S.T.E.M. experience. U. of A. begins building relationship with FIRST generation college students AND parents. Students then go to zoo to learn how S.T.E.M. was used to create habitats. U of A follows up with Midview parents connecting them with Choose Ohio First Scholars parents to develop on-going college coaching relationship for parents and children * 7th Graders take ACT Explore test in spring * LCCC utilizes Explore Interest Inventory to bring representatives of the professions that our students showed the greatest interest in to our middle school throughout 8th grade year * U of A welcomes 8th grade students & their parents in spring to see up-to-date S.T.E.M. re-emphasizing students taking rigorous courses in high school for college and career readiness. Reinforcing college "coaching" with Choose Ohio First Scholars program. Connects our students with Midview alumni attending the U of A. Visit area S.T.E.M. international business (GoodYear) * 8th Graders sign up for high school courses right after visiting U of A * U of A Student Success office staff visit high school every year encouraging students to take rigorous courses, frequently take ACT & SAT test, and apply early to colleges and universities. Will also make students aware of grants, loans, and scholarship opportunities * High School will transform Parent/Teacher night into an ACT college readiness night. Staff will explain Plan and Pre-ACT test scores to parents, parents can talk to teachers about their child's college and career readiness, college financial aid representatives will attend to help with financial concerns regarding a college education * LCCC will welcome to campus high school students for use of their Fab Lab and to experience their Entrepreneur and Innovation Building * This year we had 5 graduates enroll into the S.T.E.M. program at the University of Akron. We want more of our students to graduate college and career ready and more of our students to earn degrees from respected colleges and universities. To meet these goals we will improve the reading ability of all students while providing engaging authentic S.T.E.M. lessons augmenting rigorous learning. We will build on that foundation to establish key relationships ensuring more students graduate college and career ready and enter college with the resources and on-going relationships to earn a degree

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. The University of Cincinnati Reading Endorsement program is accredited by the International Reading Association (IRA). Teachers acquiring their PreK-12 Reading Endorsement and potentially a Masters Degree will enhance classroom instruction improving student literacy. Those teachers will work with other teachers to enhance and improve literacy instruction ensuring all students benefit. Those teachers will work at least 3 separate parent/teacher nights with parents on literacy instruction so parents can reinforce instruction at home while working with pre-K children. Struggling readers need more time with focused instruction to improve their literacy skills. Teachers days are full of responsibilities often preventing them from giving that additional direct sustained one-to-one attention a struggling reader needs. Project MORE is an evidence-based proven mentoring program that effectively improves the reading skills of Students with Disabilities and Title One identified students. As stated on Project More's web-site "Project MORE is one of the few reading programs in the country that has evaluated whether their program works exclusively for students with disabilities and Title 1 students. For almost a decade, the evaluation results indicate the Project MORE students make significantly more reading gains than similar students that do not receive this intensive one-on-one reading mentoring intervention. These results have been found across grade-level (2-4), disability status, and Title 1 status." Project MORE will serve to improve our struggling students reading achievement. Research has proven that Project Lead the Way, PLTW, results in students engaged in learning and pursuing higher education. As stated on PLTW's web-site: "Over the last several years, numerous academic institutions have released reports highlighting Project Lead the Way's success in engaging the hearts and minds of students through STEM education. Among other things, the reports find that PLTW students are outperforming their peers in school and that they are more focused on attending college than non-PLTW students. The studies are all unique in how they were conducted - some of them cover PLTW programs in certain regions, some in specific school districts, while others take a look at how PLTW alumni are performing in college. Every report is different, yet the results say the same thing: PLTW is preparing students for the global economy." Midview's empirical evidence demonstrates the same result. For the first time in the history of our school we have five freshmen currently enrolled in the University of Akron's S.T.E.M. program. Augmenting our current PLTW program will serve to greatly enhance our current math and science courses in grades 3 through 12. Students in grades 3-5 will take the elementary PLTW lessons, grades 6-8 will participate in Gateway to Technology courses, high school students will take Biomedical and Pre-engineering courses. The relationships established with the Lorain County Community College and the University of Akron will ensure more students AND their parents visit, apply to, enroll in, and complete a college degree. In summary, Midview is partnering with Project MORE and the U of C to improve student reading focusing on grades K-3 but serving all grade levels. We are partnering with Project Lead the Way to significantly enhance student S.T.E.M. learning, achievement and college and career readiness. We are partnering with the U of A and LCCC to concretely establish a vision of S.T.E.M. careers and higher education for all students and especially first generation university students to not only help them start early on their journey to higher education but complete it as well. This will occur for first generation students through the on-going relationship with the U of A's Choose Ohio First Scholars parents.

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.
See attached documents.

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

494,509.00 * 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, RttT 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.)

Approximately \$100,320 will be used to cover the tuition and book costs for teachers working with U of C toward their reading endorsement. The total cost of Project MORE is approximately \$15,549.00. This Ohio based researched proven one-to-one mentor reading program is proven to help Students with Disabilities and Title 1 students read better. \$2400 will be used to cover licensing fees for 5 buildings; \$2250 covers Raz Kidz licensing fees (\$90 per classroom for 25 classrooms). \$3200 covers A-1 Printing costs (\$600 per set, one set per building for 5 buildings with \$200 for shipping). \$2700 will cover the \$60 charge for 9 volunteers per building for 5 buildings to obtain an FBI/BCI background check. Also budgeted as a part of our literacy focus and Project More program is \$5,000.00 for volunteer supplies. The last costs cover expenses related to Project Lead the Way. Approximately \$52,400 will be used to cover the Summer Institute Training including the hotel, meals, and mileage for 12 teachers. \$12,000 will cover teacher stipends of \$100 per day for 12 teachers with 10 days training. \$1,956.00 will cover the Fringes for those teachers. About \$5,750 covers the initial costs of PLTW fees. We will need around \$136,400.00 to cover the costs of computers and printers. The hefty costs of supplies is about \$170,134.00

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.

5,750.00 * 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.

Recurring costs include fees of \$5,750.00 for Project Lead the Way. The annual fee for Biomedical Sciences is \$2000. The annual fee for Engineering is \$3000. The annual fee for Gateway to Technology is \$750.00. Midview is not hiring any additional staff for this project. We understand equipment for PLTW will need to be updated in four to five years. We are committed to utilizing \$70,000.00 of Capital Outlay in fiscal year 2018 and 2019 to cover equipment updates.

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

90,565.00 * 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.)

We will save money in tuition reimbursement to staff in FY15-16 of approximately \$5000 each year since those costs are covered by the grant. With our new innovative projects we anticipate increasing our open enrollment for FY15 by 10 additional students at \$5700 per student with 5 additional students per year for FY16-FY19. There will be less need for the current level of summer school resulting in a savings to the district in FY15-19 of about \$5000 in staffing and approximately \$815 in fringes per year. We also believe students that are open-enrolling out of our district will return for these new opportunities and programs at a rate of 5 students for FY15-17. The savings will vary each year as reflected in the financial impact report.

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.

We already have the necessary staffing so there will be no additional personal. We are following a Train the Trainer model for new staff to ensure longevity with additional costs. The major recurring costs is the PLTW equipment for which we are allocating money from our Capital Outlay budget in a four to five year cycle. The annual PLTW fees will be covered by the changes in Open Enrollment, Summer School, and tuition reimbursement.

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): 01/15/2013

* Narrative explanation

Teachers will begin on-line Reading Courses with the University of Cincinnati January 2014. Mr. White and Ms. Heyob from the University of Cincinnati will work to ensure all teachers committed to this program are enrolled by November 15, 2013 to meet the Universities time-line. On Monday October 28, 2013 Mr. White will email Mrs. Heyob the final list of all teachers committed to our project. Mrs. Heyob and Mr. White will mitigate the potential barrier of teachers not following through on their commitment by regularly sharing who has enrolled or not and Mr. White having conversations appropriately if necessary. The University of Cincinnati has agreed to allow teachers to drop out of the program penalty free if Midview Local School District is not awarded the Straight A Grant. Mr. White is working with Mrs. Freeman from the Project MORE to establish training dates as soon as possible so we can begin this program as soon as we're awarded the money. She has agreed that if we're not awarded the money we will sit down together to figure out what our next steps should be. Midview Local School District Building Principals have already determined building leaders for Project MORE. They are in the process of choosing volunteers. If awarded the contract the trainings will have been scheduled and implementation begun by February of March of 2014. January of 2014 we will order the Explore Test to be given to our 7th grade students in the spring. We will also set the dates for our 4th and 8th graders to visit the University of Akron. Teachers in charge of Project Lead the Way will begin inventorying their supplies and materials to prepare for ordering in early April 2014. Summer and early fall 2014 teachers working on Reading Endorsement begin preparing for Parent/Teacher workshop in late August or early September and working with fellow teachers. Mr. White is working with building principal's to establish teacher work time to ensure that this will happen. The potential barrier of a lack of time to collaborate will be mitigated by the district allocating teachers professional work time.

Implement (MM/DD/YYYY): 08/25/2014

* Narrative explanation

Mr. White is working with the Superintendent, Treasurer, Board of Education, community members, teachers, volunteers, building principals and Primary and Secondary Partners to establish benchmark dates for when our plan initiatives must be implemented. The major barrier that needs to be mitigated are the potential lack of follow through on commitments. That is why we have ensured we have signed agreements and commitments with partners to follow through with all expectations of this grant. Mr. White shared the entire plan to the Board of Education at their monthly meeting this past Wednesday. The explanation was televised on our local cable TV show. A parent and her 7th grade son asked me what they can do to ensure we get this grant. We have an article regarding our purpose and hopes via the Straight A Grant posted on our web-site. By reaching out to others requesting their partnerships and sharing our plan with our BOE and the public we have mitigated the barrier of lack of follow through by making the entire plan public. We have to follow through with what we said we would do or our entire community, partners, staff, parents and students will know we didn't keep our commitments.

Summative evaluation (MM/DD/YYYY): 06/05/2015

* Narrative explanation

Mr. White and Mr. Goggin will meet at least three times during the school year with the University of Akron's Office of Student Success to evaluate and improve our new joint venture. We will meet at the beginning and end of year with LCCC to evaluate guest speaker program and high school students visiting their campus. Mr. White and Mr. Goggin will meet with building principals and University of Akron to look at student data for evaluating our S.T.E.M. and college and career readiness for students. Mr. White and Mr. Goggin will also meet with building principals to evaluate literacy data and our in-house teacher professional development and Project MORE's impact to determine any necessary improvements. Mr. White will meet with Mrs. Freeman to determine necessary changes for the improvement of the Project MORE program and helping struggling readers close the achievement gap.

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

Our implementation of PLTW courses will provide permanent S.T.E.M. courses and lessons grades 3 - 12. Our unique and lasting partnership with the University of Akron and Lorain County Community College will enable students and their parents to develop on-going college coaching relationships to ensure our students graduate college and career ready and earn their post-secondary degree. These relationships will also result in our students and parents clearly knowing the opportunities afforded to them through colleges and universities and how to overcome the challenges students and families face when earning a degree. Relationships with NASA and other S.T.E.M. institutions and companies will result in internships and professional insight and feedback for our students completing S.T.E.M. projects. Changes in literacy instruction will result in more students reading at and above grade level by the third grade and beyond. Our focus on the younger grades will result in less students needing remediation. Increased direct reading instruction for our Students with Disabilities and Title One identified students will result in gap closing achievement for struggling readers. Changes in literacy instruction in the classroom will result from the significant number of teachers earning their Reading Endorsement. We will provide on-going training to parents to reinforce best-practice research proven literacy instruction at home with current students and their pre-K children. We believe this project will invigorate our community, staff, and students.

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.

Midview Local School District had 5 students enroll in the University of Akron's S.T.E.M. program this past fall. We believe that if we implement more PLTW Engineering courses at our high school along with the Biomedical Sciences and Gateway to Technology then we will have more students entering and completing college and university programs. PLTW has researched and proven that student's that take PLTW courses are more likely to enroll in and complete S.T.E.M. courses at the university level. We believe Midview Local School District's students will earn the same results. We believe that providing our staff the intensive professional development afforded them through the University of Cincinnati's Reading Endorsement program will result in students significantly improving their reading ability. Teachers working with parents on reading strategies to be reinforced at home will result in students improving their reading ability. At risk students having a mentor reading instructor working with them 30 minutes a day 4 days a week will help them close the achievement gap as proven in the research of Project MORE. We also believe, along with the University of Akron, that the key to successfully getting first generation college students to successfully complete a college degree is to develop an on-going college coaching relationship early in the child's education with that child and especially his or her parents. That is why The University of Akron has signed on to be our Primary Partner. To try something new and begin getting parents on their campus while their children are only in the fourth grade so they can see the opportunities and understand how obtainable they are when you start preparing early for success (U of A is working with Akron Zoo to organize a 7 day visit there to consider the engineering in creating animal habitats). We will work with U of A to establish on-going college coaching relationships with parents from Choose Ohio First Scholar's program. Then our students will begin their own S.T.E.M. program here at Midview in grades 3 through 12 with strong emphasis in the 6th -12th grades via PLTW's Gateway to Technology middle school program and PLTW's high school Engineering and Biomedical Science programs. Our partnership with the Lorain County Community College will bring professionals from fields that our students demonstrate interest in based on the Explore Interest Inventory. These professionals are visiting our 8th graders throughout the school year. These professionals will encourage our students to work hard and take challenging courses to prepare them for their fields of interest. These visitations will climax with our 8th graders taking their 2nd visit to the University of Akron's main campus in four years to see changes in S.T.E.M. from the students and parents visit at 4th grade and to see S.T.E.M. at an international business such as GoodYear. Those students will return to school and sign up for their high school courses with the thoughts of what authentic learning and rigorous courses can open up to them fresh in their minds. At the high school level we will partner with area S.T.E.M. organizations such as NASA and any of the numerous medical facilities to provide our students more authentic projects and learning opportunities via internships or other relational activities. Our high school students will visit the Lorain County Community College's Innovative and Entrepreneur Building to see additional opportunities. The result of all these efforts will be more Midview students graduating college and career ready and earning viable post-secondary degrees.

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

Yes

No

22. If so, how?

Any district can implement S.T.E.M. lessons and courses to meet the needs of their students. Districts can analyze reading data to determine areas in need of improvement and partner with educational institutions to meet those needs. Districts can partner with regional colleges and a university to help 1st generation students, and all students, see how obtainable a post-secondary education is if you start preparing early. Time and effort to complete these tasks is dependent on each schools situation and location relative to the resources around it.

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

In 2013 only 21.1% of the people living in Midview Local School District had a college degree or more. We want to graduate more students college and career ready earning college degrees or more. Midview Local School District had 5 students enroll in the University of Akron's S.T.E.M. program this past fall. We believe that if we implement more PLTW Engineering courses at our high school along with the Biomedical Sciences and Gateway to Technology then we will have more students entering and completing college and university programs. PLTW has researched and proven that student's that take PLTW courses are more likely to enroll in and complete S.T.E.M. courses at the university level. We believe Midview Local School District's students will earn the same results. We believe that providing our staff the intensive professional development afforded them through the University of Cincinnati's Reading Endorsement program will result in students significantly improving their reading ability. Teachers working with parents on reading strategies to be reinforced at home will result in students improving their reading ability. At risk students having a mentor reading instructor working with them 30 minutes a day 4 days a week will help them close the achievement gap as proven in the research of Project MORE. We also believe, along with the University of Akron, that the key to successfully getting first generation college students to successfully complete a college degree is to develop an on-going college coaching relationship early in the child's education with that child and especially his or her parents. That is why The University of Akron has signed on to be our Primary Partner. To try something new and begin getting parents on their campus while their children are only in the fourth grade so they can see the opportunities and understand how obtainable they are when you start preparing early for success (U of A is working with Akron Zoo to organize a 7 day visit there to consider the engineering in creating animal habitats). We will work with U of A to establish on-going college coaching relationships with parents from Choose Ohio First Scholar's program. Then our students will begin their own S.T.E.M. program here at Midview in grades 3 through 12 with strong emphasis in the 6th -12th grades via PLTW's Gateway to Technology middle school program and PLTW's high school Engineering and Biomedical Science programs. Our partnership with the Lorain County Community College will bring professionals from fields that our students demonstrate interest in based on the Explore Interest Inventory. These professionals are visiting our 8th graders throughout the school year. These professionals will encourage our students to work hard and take challenging courses to prepare them for their fields of interest. These visitations will climax with our 8th graders taking their 2nd visit to the University of Akron's main campus in four years to see changes in S.T.E.M. from the students and parents visit at 4th grade and to see S.T.E.M. at an international business such as GoodYear. Those students will return to school and sign up for their high school courses with the thoughts of what authentic learning and rigorous courses can open up to them fresh in their minds. At the high school level we will partner with area S.T.E.M. organizations such as NASA and any of the numerous medical facilities to provide our students more authentic projects and learning opportunities via internships or other relational activities. Our high school students will visit the Lorain County Community College's Innovative and Entrepreneur Building to see additional opportunities. The result of all these efforts will be more Midview students graduating college and career ready and earning viable post-secondary degrees.

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.

Midview Local School District's first benchmark will be improved literacy for all students through teacher professional development and collaboration with parents. This will be measured using district data collected in fall, winter and spring. We will also use our Third Grade Guarantee data from Kindergarten through Third Grade, ACT Explore, Plan, and Pre-ACT along with OAA, OGT, and PARCC end of Course Assessment Data along with our district report card to measure this data. Another benchmark will be Closing the Achievement Gap for Students with Disabilities and Title One students due to our partnership with Project MORE. We will use same data measures mentioned above. Another benchmark will be improved math and science scores due to the implementation of PLTW. In addition to the data measures mentioned above to measure improved Math and Science scores we will also use the Collaborative Assessment Project Pre and Post test data. Another benchmark is the College and Career Readiness data and we will measure this using our ACT data along with the PARCC Assessments or whatever the state provides. Lastly, we will work with the University of Akron and Lorain County Community College to measure the number of students enrolling into colleges and careers and also earning their degree. In 2013 only 21.1% of the people living in Midview Local School District had a college degree or more. We want to graduate more students college and career ready earning college degrees or more.

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.

Midview Local School District's first benchmark will be improved literacy for all students through teacher professional development and collaboration with parents. This will be measured using district EasyCBM data collected in fall, winter and spring. We will also use our Third Grade Guarantee data from Kindergarten through Third Grade, ACT Explore, Plan, and Pre-ACT along with OAA, OGT, and PARCC end of Course Assessment Data along with our district report card to measure this data. Another data measurement will be provided via Project MORE that we will utilize to ensure the reading improvement for all our students. Another benchmark will be Closing the Achievement Gap for Students with Disabilities and Title One students due to our partnership with Project MORE. We will use same data measures mentioned above. We will work with Project MORE to collect and analyze this data. We will also work with them on sharing this data with all of Ohio's schools for any that want to implement a similar plan. We will enlist Project MORE's assistance in measuring the effectiveness of our teacher's earning their Reading Endorsement and working with our parents to measure the effect on all students reading ability. Another benchmark will be improved math and science scores due to the implementation of PLTW. In addition to the data measures mentioned above to measure improved Math and Science scores we will also use the Collaborative Assessment Project Pre and Post test data. Midview Local School District will work with NASA to invite professionals to offer feedback to our S.T.E.M. students on projects and internships to augment our students learning and growth. Another benchmark is the College and Career Readiness data and we will measure this using our ACT data along with the PARCC Assessments or whatever the state provides. Lastly, we will work with the University of Akron and Lorain County Community College to measure the number of students enrolling into colleges and careers and also earning their degree. In 2013 only 21.1% of the people living in Midview Local School District had a college degree or more. Through out the next 5 years we will use ODE's Similar District data to continue measuring the growth in our percent of adults with college degrees or more.

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.

Daniel L. White, Director of Education, Midview Local School District