

Budget

Indian Creek Local (047803) - Jefferson County - 2014 - Straight A Fund - Rev 0 - Straight A Fund - Application Number (503)

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	0.00	0.00	1,000,000.00	0.00	1,000,000.00
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		0.00	0.00	0.00	0.00	0.00	0.00	0.00
Family/Community		0.00	0.00	0.00	0.00	0.00	0.00	0.00
Safety		0.00	0.00	0.00	0.00	0.00	0.00	0.00
Facilities		0.00	0.00	0.00	0.00	0.00	0.00	0.00
Transportation		0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total		0.00	0.00	0.00	0.00	1,000,000.00	0.00	1,000,000.00
Adjusted Allocation								0.00
Remaining								-1,000,000.00

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:Facilitating Achievement and Success Through Technology (FAST) Track

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.

Indian Creek Local School District will develop a program to ensure that every student graduates with one of the following: (1) a number of industry certificates, (2) an Associates Degree, or (3) 18 semester hours of college credit. This program will improve student achievement by increasing the college and career readiness of students. Additionally, FAST Track will result in spending reductions in the five-year fiscal forecast and concentrate a greater share of resources in the classroom.

2332 3. Total Students Impacted:

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

First Name, last Name of contact for lead applicant: T.C. Chappellear

Organizational name of lead applicant: Indian Creek Local School District

Unique Identifier (IRN/Fed Tax ID): 047803

Address of lead applicant: 587 Bantam Ridge Rd

Phone Number of lead applicant: 7402662911

Email Address of lead applicant: tc.chappellear@omeres.net

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.

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.

T.C. Chappellear, Ed.D. - Dr. Chappellear is the assistant superintendent overseeing technology. Dr. Chappellear is currently leading implementations of the Dyslexia Grant, Early Learning Initiative Grant and the OPAPP Grant. David Moffat - Mr. Moffat is our district technology coordinator and teaches interactive and multi-media in our high school. He also leads our technology professional development which included Media Mondays - a webinar style PD session each Monday offered through GotoMeeting. Zach Murray - Mr. Murray is the network administrator for the district. Mr. Murray will be involved in implementing the chrome book carts and setting them up for the district.

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.

Teacher Technology Indian Creek High School One current obstacle in our teachers embracing a more student-centered approach to teaching is the lack of technology in their classrooms. At Indian Creek High School, the typical classroom set-up consists of an eMac desktop computer from the early 2000's running IOS 10.1. These machines do not support many of the web-based applications that our teachers should have access to. In most classrooms - this is the extent of the technology. In a building that is charged with sending students out prepared to be competitive in the 21st century - we are still stuck in the 20th century in regards to the technology tools available to our teachers. We propose to equip each high school classroom with a new laptop computer, a ceiling-mounted projector, an amplifier and a sound system. 34 rooms would require this set-up. Indian Creek Middle School This is our newest building and the classrooms are equipped with the set-up described for the high school. Hills and Wintersville Elementary School Our two elementary schools are equipped in only a slightly more modern fashion than ICHS. In regards to teacher technology, each teacher is furnished with a laptop and there are 6 projectors at Hills and 15 at Wintersville Elementary which are shared between teachers in both buildings. There are no ceiling mounted projectors and although the teachers have Mimeoos they find them difficult to use because students occasionally bump the projector and then the image needs to be re-calibrated. It is apparent that, with the exception of our middle school, teachers in our school district face the ultimate obstacle in teaching in the 21st Century - the lack of technology. Student Technology Currently the student technology is at best limited. Students have access to some computers in school libraries and some laptop carts. This project will provide a substantial change for the learning experiences with the addition of ___ chrome carts. Each cart will have 30 chromebooks for students use. FAST Track Professional Development ICLSD is embarking on the expansion of new technology. Although this is truly exciting for both the students and staff, it also has produced many new challenges. One major challenge is giving the teachers needed tools, experience and skills to use the new technology. Designing quality professional development for these instructors will be essential to success of the project. The professional development team will be comprised of the following: District Technology Committee, District Library Director, and Dr. T.C. Chappellear, Assistant Superintendent. The team will have the following objectives: To use instructional technology in face-to-face and online environments To develop course material using technology To have knowledge of online resources including library/media resources To create a more student-centered approach to teaching and learning The team developed a workshop approach for the training. This approach will offer an array of workshops and follow-ups with the teachers after a few months to check on their development. The kickoff for training will occur the first day the teachers report back to school in August Training will consist of a general session in each building demonstrating the capabilities of the equipment. Next, teachers will break into departments for more individualized training. ICLSD will commit another full day of professional development towards the end of September and one hour each month to provide on-going, job-embedded professional development on how to utilize technology.

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 goals of the Fast Track will positively impact student achievement as increased technology will disrupt traditional boundaries so that 21st Century skills can flourish. Using technology improvements for student centered teaching will provide an accessible tool to support all students and create equitable access to necessary knowledge and skills (including those that align with current research on how people learn). Students will be equipped through technology to interdependently organize their learning processes, becoming active users and assuming some responsibility for their own learning. By providing active experiences, including online learning (which provides increased access to course, content, more scheduling flexibility, and better access to alternate media (such as digital games and project based learning), students have the benefit of directing their individual progress. This proposal will result in reduced spending in the five-year forecast. We accomplish this through a 100% reduction in budgeted capital outlay for technology over the next five years. Additionally, while not reflected in the five-year forecast, this proposal will also result in a \$50,000 reduction in spending on technology through our permanent improvement fund over the forecast period. This grant is a stepping stone to afford the technology that kids need. It is apparent in the five-year forecast that without these funds, our district will continue to be unable to provide students and teachers the technology they need to function efficiently in the 21st century. Our proposal focuses 100% of the requested funds into the classroom. Roughly 30% is aimed at teacher use in the classroom and approximately 70% is aimed at student use in the classroom. These funds would provide crucial technology that would be a catalyst in creating a student-centered learning environment in our schools.

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.

N/A

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

1,000,000.00 * 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, 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.).

The key objective of this proposal is to provide teachers and students the technology they need to be successful learners in the 21st Century. We called our application FAST Track. This acronym stands for Facilitating Achievement and Success Through Technology. The entire amount that we are requesting will be directed to the classroom so that teachers can build student-centered learning environments and students will be authentically engaged through collaborative technologies. We propose to equip 78 classrooms with the following: (1) Ceiling-mounted wide format projector, (2) Amplifier, (3) speakers, (4) laptop computer. The cost of this teacher oriented phase of the proposal is \$316,000. For the student oriented phase of the proposal, we plan to equip the following buildings with the following technology: (1) Indian Creek High School - 25 Chromebook Carts of 30 chromebooks each, (2) Indian Creek Middle School - 15 Chromebook Carts of 30 Chromebooks each, (3) Wintersville Elementary School - 10 Chromebook Cars of 30 Chromebooks each, and (4) Hills Elementary School - 7 Chromebook Carts of 30 Chromebooks each. The total cost for the student oriented phase of this proposal is \$684,000. Local funding will be used for professional development on the use of the new classroom technology and Chromebook carts. The district has already used other sources of funding to procure 3 Chromebook Carts of 30 Chromebooks each and plans to utilize these machines in the Next Generation testing in addition to regular classroom use.

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.

12,000.00 * 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.

The district currently collects a technology fee from students which generates approximately \$12,000 in revenue each year. The plan in this proposal is to utilize this technology fee to maintain, replace or repair technology purchased through this grant award.

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

30,000.00 * 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.).

This grant award would result in a savings of \$30,000 per year for the next five years of the forecast. This is possible through being able to eliminate the \$20,000 Capital Outlay line item in the five-year forecast. Additionally, there is another \$10,000 per year not reflected in the permanent improvement fund that is budgeted towards technology that could be reallocated to other projects.

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.

The district currently collects a technology fee from students which generates approximately \$12,000 in revenue each year. The plan in this proposal is to utilize this technology fee to maintain, replace or repair technology purchased through this grant award. We currently have the capability to use our own staff to maintain the equipment and provide training on how to best utilize the equipment in creating student-centered learning environments. The only ongoing costs after the term of the grant would be maintenance and replacement of the equipment purchased. This could be accomplished by rotating through the devices and replacing and repairing devices that have become obsolete.

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): 02/01/2014

* Narrative explanation

During this plan phase we will communicate the grant award to our stakeholders, get bids and put together requisitions for our equipment, plan the professional develop that will take place for teachers, put the process in place to implement the technology on the district level. We will communicate to our stakeholders through traditional media and new media. Our district has developed strong relationships with local television, radio and newspaper outlets. Additionally, we utilize social media and our district web-site to communicate with our stakeholders. The possible barrier to this step is ensuring that it gets done. A step we take to ensure that we overcome this barrier is to assign specific people to certain pieces of the stakeholder communication. For instance, our building principals maintain Facebook pages - these principals would be in charge of communicating the grant award and implications through social media. We have taken some of the initial steps necessary in ordering the equipment outlined in our proposal. We have recently allocated OPAPP Grant money to the purchase of Chromebook Carts so we have an ongoing relationship with a vendor for that equipment. Additionally, we have procured estimates from several companies for the classroom work. A possible barrier here would be to schedule the work to be completed in 78 classrooms. This work would probably need to be done in the beginning of the summer while school is out of session. The third phase to plan out is the professional development that teachers would need to utilize the new equipment. An obstacle here is to find the time and people to provide this training. Our plan to overcome this obstacle is to utilize our "building tech assistants" and our district technology coordinator to supply this training. Our building tech assistants receive a yearly stipend to assist their colleagues in implementing technology in their classrooms. The final phase of the plan is how we will implement the Chromebook carts. Our district network administrator has experience in doing this. The obstacle here is that we are looking at a large number of chromebook carts in each building. To solve this dilemma, we will utilize general funds to contract with OMERESA, our ITC, to hire an assistant to our network administrator for 2-4 weeks in order to set up the Chromebooks in each building.

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

* Narrative explanation

Implementation consists of: (1) setting up the equipment, (2) providing training for teachers on how to use the equipment, and (3) monitoring use of the equipment and integration into instruction. ICLSD's network administrator will lead the effort to set the Chromebooks up. He will be assisted by contracted personnel from OMERESA, the ITC that serves Indian Creek. The projectors and speaker systems will be installed by Radiant Technologies. This phase will begin once school is out of session to be set up for the 2014-2015 school year. The kickoff for training for the teachers will occur the first day the teachers report back to school in August 2014. Training will consist of a general session in each building demonstrating the capabilities of the equipment. Next, teachers will break into departments for more individualized training. ICLSD will commit another full day of professional development towards the end of September and one hour each month to provide on-going, job-embedded professional development on how to utilize technology to create a more student-centered approach to teaching and learning. Principals in each building will monitor the use of the technology as they conduct classroom walkthroughs. A specific walkthrough form will be used to monitor student engagement and technology use. Principals will be required to conduct one

walkthrough per month for each teacher and this data will be recorded electronically.

Summative evaluation (MM/DD/YYYY): 5/1/2014

* Narrative explanation

The summative evaluation will come mainly from the classroom walkthroughs used to monitor technology. The walkthrough data will measure teacher and student technology use in the classroom. The first month will provide baseline data. This baseline will be compared to walkthroughs in April to determine what impact the grant has had on teacher and student technology use and student engagement. Additionally, the grades of the students will be compared from the 2013-2014 school year and the 2014-2015 school year. The expected outcome will be as student engagement increases, grades will increase also.

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

Indian Creek will move from a traditional classroom to a student centered environment that supports 21st Century skills. Customized learning can be achieved by integrating the availability of technology into the learning experience which also gives intrinsic motivation to the student. Teachers can be equipped to assess an individual's strengths and needs through approaches that help establish a clear baseline from which a student may be facilitated and coached. Additionally, when technology mirrors how professionals use it in the workplace it can enlarge academic achievement, civic engagement, acquisition of leadership skills, and personal/social development. Technology can support key practices of student centered learning, allowing for those that include emerging technology already prevalent in the business world, while providing an invaluable way to deliver personal learning in a cost effective way. Teachers will be able to fully integrate technology into instruction, not only to present information, but by providing hands-on learning for students. Indian Creek students will learn to intelligently communicate, critically think, collaborate, and create. The tools they need to do this are technological, as are the tools they will use in their future endeavors as a 21st Century, digitally literate life-long learner ready for greater achievement and adaptability.

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.

Marc Prensky, internationally acclaimed thought leader in education, writes about the role of technology (Prensky, 2008). He puts forth, and we base our proposal upon, the notion that the role of technology in education is to support the new teaching paradigm. In other words, technology's main role in education is to help kids teach themselves with the teacher as the facilitator in this process. According to Solomon & Schrum (2007), the learner actively constructs or generates new ideas or concepts based upon current and past knowledge. David Perkins defines 3 distinct student roles in constructivism: (1) the active learner, (2) the social learner, and (3) the creative learner. Powerful instruction and learning occur when the students are actively engaged creating new knowledge while connecting socially to communities of practice. In order to maximize the power of Web 2.0 tools in teaching and learning - teachers have to be willing to design instruction using a constructivist approach. We are attempting to shift our instruction from the traditional, teacher centered approach to a constructivist, student-centered approach. Technology has the capability to make this transition easier for teachers to accomplish. Currently, the state of our technology around the district leaves much to be desired. This proposal aims to change that situation by giving our teachers and students the skills that they need to participate in a 21st century constructivist educational system.

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

Yes

No

22. If so, how?

Teachers need training on utilizing a constructivist approach to teaching. Once teachers embrace a constructivist, student-centered approach to teaching - technology makes their job easier rather than more difficult. If teachers are able to have access to technology, they can build collaborative, authentic, student-centered learning environments.

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

The Indian Creek community has gone through a shift from a Post Industrial economy to an economy in flux. This creates a unique environment for ICLSD. It must change to adapt to a digital world by providing technology into its classrooms. Today's high school students are best described by Marc Prensky, (2001) who coined them as being "Digital Natives." They are digital learners who quickly use the Internet when searching for answers before asking peers, parents, or instructors. They do not know of a time or a place where there was no such thing as the World Wide Web or a personal computer. These learners surround themselves with computers, cell phones, digital games, and other social media. They spend hours of their time searching the Internet, texting, and interacting digitally. Asking them to become unplugged is like asking them to harm themselves physically! The people living in this community have also gone through a "shift." Families who used to rely on good-paying labor jobs (like steel and tin-making) are either retired or no longer here. This has caused an incredible decrease in population, especially a workforce skilled in present day technology or media. Because of this absence of technology, our community has suffered. We are in dire need of a technology enriched community. This will further enhance the lives of the people who live here. The expanse of media content, the creation of the digital learner, and the re-definition of literacy have created the revolution in education. This revolution has developed a student centered environment that embraces media and technology. This new world has developed new challenges and obstacles for learning and education. The role of the teacher has changed, but is more important than ever as a designer and facilitator of learning. Rob Mancabelli (2011) refers to these new developments as the game changers for education. He boils this down, "Here are the two game-changing conditions that make that statement hard to deny: if we have access to the Internet, (1) we now have two billion potential teachers, and soon, (2) the sum of human knowledge will be at our fingertips." FAST Track will provide the needed technology for our teachers to create a student center learning environment, to use instructional technology to engage students, and to facilitate student achievement and student success through the use of technology. This will have impact that will greatly change our school and our community. Richardson, Will; Mancabelli, Rob (2011). Personal Learning Networks: Using the Power of Connections to Transform Education. Ingram Distribution. Kindle Edition.

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.

Student achievement benchmarks will be related to the subgroup student achievement that we struggle with. We will be examining Ohio Achievement Assessment data to determine if gains were made on the district Annual Measurable Objectives with the Economically Disadvantaged and Students with Disabilities subgroups. We will also be using Value Added data as a student achievement benchmark. The subgroups we will be monitoring closely with this data will be our gifted students and our "all students" group. We will be monitoring our expenditures to determine whether or not the forecasted changes came into fruition. We will be monitoring teachers' use of technology and creation of a student-centered learning environment through the use of walkthroughs. We currently utilize a walkthrough system which allows our principals to enter data as they conduct classroom walkthroughs. We have the ability to customize this system to meet our needs in respect to looking for student-centered learning environments and use of technology.

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 time frame. The Governing Board of the Straight A Fund reserves the right to conduct an evaluation of the plan and request additional information in the form of data, surveys, interviews, focus groups and any other related data to the General Assembly, Governor and other interested parties for an overall evaluation of the Straight A Fund. Locally our district will use the Kemp design model to evaluate the project's progress. The model is particularly useful for developing instructional programs that blend technology, pedagogy and content to deliver effective, inclusive (reliable) and efficient learning. This model has nine defined elements: - Identify instructional problems, and specify goals for designing an instructional program. - Examine learner characteristics that should receive attention during planning. - Identify subject content, and analyze task components related to stated goals and purposes. - State instructional objectives for the learner. - Sequence content within each instructional unit for logical learning. - Design instructional strategies so that each learner can master the objectives. - Plan the instructional message and delivery. - Develop evaluation instruments to assess objectives. - Select resources to support instruction and learning activities. Using both formative and summative assessments for data collections, the data will be reviewed by teachers in the following structure: High School Department Meetings, Elementary Whole Faculty Study Groups, and Middle School Team Planning Periods. After the reviewing and analyzing the data, these groups, along with administration will revise the project as necessary to meet the goals or develop new goals.

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 Dr. T.C. Chappelle Assistant Superintendent Indian Creek Local School District 10.25.2013