Enhancing Education Through Technology (EETT) Competitive Sub-grant Application Assurance Sheet

Project Title: Technology Fellows Amount of Request: $ 75,000
District Name: Jefferson County Joint District Number: 251

Please list the school name and certify the CIPA compliance for all participating schools within the project:

Dist. # or 'P' for Private School	School Name	This school is a targeted school 'T' or a partner school 'P'.	This school is in compliance with the CIPA as outlined on page 3 of the guidance document.
251	Harwood Elementary	T	√ YES NO
251	Jefferson Elementary	T	√ YES NO
251	Midway Elementary	P	√ YES NO
251	Roberts Elementary	T	√ YES NO
251	Midway Middle School	P	√ YES NO
251	Rigby Junior High School	P	√ YES NO
251	Rigby High School	P	√ YES NO

By signing below, I certify that we have contacted the charter and private schools in our area about participation in this grant that we have an approved technology plan on file with the Idaho State Department of Education.

Superintendent Name Dr. Ron D. Tolman	E-mail rtolman@sd251.org	Telephone (208) 745-6693
Signature Ron Tolman	11-19-08	
District Technology Coordinator Name Keith Scholes	E-mail kscholes@sd251.org	Telephone (208) 745-6693
Signature Keith Scholes	11-19-08	
Project Director Name Don Bingham	E-mail dbingham@sd251.org	Telephone (208) 745-6693
Signature Don Bingham	11-19-08	

*Superintendent must sign for school districts. Dean must sign for Colleges of Education

Abstract

Summary/Description

Jefferson Joint School District #251 is committed to increasing academic achievement through the integration of technology in the classroom. ***Technology Fellows*** augments the District's mission statement "**Every Child will Learn and Succeed**" through providing teachers a collaborative colleague, a Technology Fellow, to work within their building to demonstrate, model, and support the integration of technology at each building. Our grant will provide nine classroom teachers with the tools (SmartBoard, Redcat Amplification System, and Classroom Performance System) and training (SmartBoard Integration, Podcasting, and Interactive Lessons through Technology) to provide onsite support and training to teachers on how to integrate technology into their classrooms.

Need

Our district has undertaken a long term project to provide every classroom teacher a SmartBoard, amplification system, Classroom Performance Systems, and document reader. We are building a new elementary school that will be equipped with many of these tools in every classroom. As we were making preparations for this new facility and updating our older facilities we discovered that a majority of our staff are uncomfortable with using such technology. They cited as the primary reason they would have difficulty using these technologies is due to the lack of training and support for such technology.

The main thrust of our district's initiative to include these tools in every classroom is that our students have very little or no exposure to technology. Through an informal survey about fifty-five percent of our students have limited access to technology. Forty percent of the Jefferson Joint School district students are identified as coming from homes that are economically disadvantaged. Eighty-eight percent of our Hispanic population, which makes up ten percent of our district, is economically disadvantaged. Technology exposure for these students is very limited, unless provided by the schools.

School Improvement

Our grant aligns with our school improvement process to provide SmartBoards and amplification systems to each classroom. In schools that we have already placed these technologies we have seen an improvement in the school's climate and achievement. We have determined that to support the integration we need onsite classroom teachers that are teaching and using the technology to help other teachers comfortable in using the tools.

Student Achievement

The hope of this grant is to have our students and teachers engage with powerful technological tools that will improve student achievement. We have seen great gains in our schools that have integrated these technologies in the area of adequate yearly progress (AYP) and engagement of students. We have also seen a benefit to parents who participate in the trainings and support the classroom's use of such technology. Our patrons have become more educated and aware of the technologies due to the district providing access to our facilities for various events and trainings where such technologies have been used.

Educational Need

Definition of Educational Need

Our student's and teacher's educational need tied to this grant are as follows: (a) students need to be exposed to technology as a learning tool; (b) teachers need trained on how to use SmartBoards, Classroom Performance Systems, amplification systems, and document readers in a classroom setting.

Data Sources

- In the Spring of 2008 sixty-two percent of our Hispanic students were proficient in reading as measured by the Idaho Standards Achievement Test. When teacher's were surveyed asking for input regarding reasons for the gap between Hispanic students and their peers, the lack of motivation, vocabulary, and background knowledge and exposure were cited as the chief factors.
- The district reviewed our overall Direct Writing Assessment and found that only sixty-two percent of students were proficient. Only forty-eight percent of our Hispanic students were proficient in writing. Again when asked about the quality of the papers and what they lack, teachers indicated that students lacked the background knowledge to explore the topic and had limited vocabulary.
- Through an informal survey fifty-five percent of students had little or no exposure to technology.
- Of the forty-five percent of students who did have exposure to technology only half had access to the internet at home.
- Eighty-two percent of teachers want more training associated with integrating technology in their classrooms.
- Seventy-three percent of teachers surveyed stated that they had little or no access to onsite classroom support in technology integration.

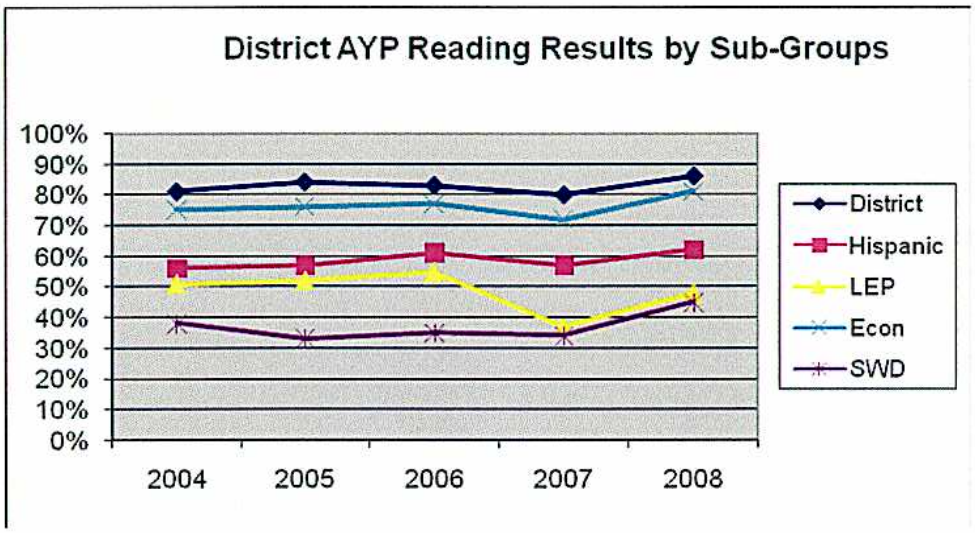
Data Trends

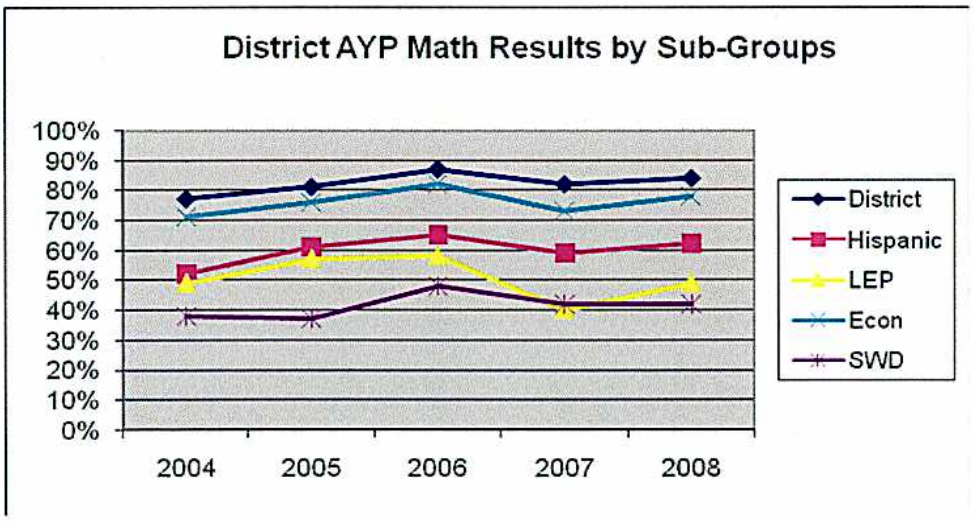
Although we have seen an improvement from 2007 to 2008 in our student achievement, largely due to the integration of technology and computer based interventions, we still have a long way to go to close the achievement gap. Two of our schools that were able to make AYP this past year were Midway Middle School and Midway Elementary. Both schools, through their hard work, integration of technology, and computer based interventions, were able to make huge improvements. However, teachers at both of these schools expressed the need to have an onsite teacher that was trained in technology and could work with them as a colleague to use technology and troubleshoot.

Our district continues to struggle in the areas of Economically Disadvantaged, Limited English Proficiency, Students with Disabilities, and Hispanic students. We have purchased programs such as Read 180, Rosetta Stone, Achieve 3000, and other programs to provide intervention. However, we have found teachers that use technology as a medium for instruction have higher levels of engagement and student understanding. One of our teachers at Midway Elementary, who has all the tools that we have outlined as what a Technology Fellow would need, was able to move all of her students 100% to proficiency in Reading and Math. She was able to move 92% of her students to proficiency in Language Usage. When asked how she did it she stated it was the technological tools and training she had received. In looking at that teacher's grade level as a whole, 95% of their students were proficient in Reading and Math on

the Spring 08 ISAT assessment. When asked what they did the team stated that the improvement was largely due to integration of technology, standards based instruction and computer based interventions. Further, they stated that having an expert in technology and software in their building made it easier to get support and help immediately rather then waiting weeks for support from the district office. It is our hope to provide this type of support to all the teachers at every building.

In preparing our grant we also looked at historical data trends associated with *No Child Left Behind* sub-groups. We discovered a trend with our sub-groups. Although we are making improvements, we are not yet closing the achievement gap between the sub-groups. It is our expectation that as we duplicate what has worked at Midway Elementary and Midway Middle School, we will see the achievement of our schools improve and the achievement gap close.





Local Project Detail

The following table outlines the goals, objectives, steps and timeline for our project:

Goal 1: Increase Integration Training for our Technology Fellows.		
Objectives	**Activities**	**Timeline**
1.1 Each school in the district will have one classroom teacher selected as a Technology Fellow.	Nine teachers will be selected to be a technology Fellow. Technology Fellows will be selected through an interview process.	Completed by May 2009
1.2 A full time Technology Fellow Mentor will be provided to assist the Fellows. The mentor will be an expert in technology integration.	Hire an instructional coach to help coordinator for Technology Integration for the District and support the Technology Fellows.	Already completed. The district has two instructional coaches already in the district focused on writing and technology integration.
1.3 Technology Fellows will participate in nine courses focused on technology integration.	The District will develop a nine module program for ongoing professional development for the Technology Fellows. These modules would be required for all fellows to maintain their status as a building fellow.	Complete by February 2009
1.4 Collaboration time will be established for classroom teachers and fellows to work together.	Establish weekly collaboration so that classroom teachers and technology fellows can collaborate and provide support and training.	Already completed. Weekly collaboration was implemented August 2008.
Goal 2: Increase the number of teachers that use technology in their classrooms regularly.		
2.1 Create a Technology Integration Course for non-participating teachers in the Professional Development Academy.	A course will be developed and taught by the fellows for credit for any teacher interested in learning how to integrate technology.	Course will be developed by June 2009. The course will be offered three times a year starting August 2009.

Goal 3: Provide high quality technology tools for Technology Fellows.		
3.1 Each Technology Fellow will be provided essential tools to integrate technology.	Each building Technology Fellow will be provided a SmartBoard, CPS System, RedCat Amplification System, and document reader. These materials would stay in that classroom. If the teacher moves schools, then the school would need to appoint a new Technology Fellow.	Completed by August 2009
Goal 4: Increase teachers and students exposure and use of technology.		
4.1 The number of teachers using technology as a tool in their daily lessons will go from 40% as measured by Power Walk Through to 70% by May of 2010.	Teachers will have access and use technology tools during their regular lessons.	Baseline November 2008 Progress Monitor April 2009, September 2009, November 2009, and February 2010 Post Data May 2010
4.2 The percentage of students using technology in their classrooms will increase from 40% as measured by Power Walk Through to 75% by May of 2010.	Students will use various technology tools during regular lessons.	Baseline November 2008 Progress Monitor April 2009, September 2009, November 2009, and February 2010 Post Data May 2010
4.3 Our current students identified as Economically Disadvantaged will go from 63% proficient to 80% proficient on the Spring 2010 Language Usage ISAT.	We will monitor this subgroup's ISAT performance.	Baseline ISAT Spring 2008 Progress Monitor Spring 2009 Post Data Spring 2010
4.4 Our current Hispanic students will go from 50% proficient to 70% by the Spring 2010 Language Usage ISAT.	We will monitor this subgroup's ISAT performance.	Baseline ISAT Spring 2008 Progress Monitor Spring 2009 Post Data Spring 2010

Sustainability

Our district is committed to providing the technology tools necessary to help teacher engage students. We have already undertaken a grand project to incorporate SmartBoards and RedCat Amplification systems into our classrooms. The district has also already committed resources to support teachers in the integration of technology by providing an instructional coach whose full time job is to help teacher integrate technology to improve language usage and writing. The grant will allow us to take the support from a district level down to a building level. The initial grant will help us provide all the technological tools to an onsite Technology Fellow that would be highly trained. After the grant, on-going Technology Fellow training will be provided by the district through the instructional coach and our current Professional Development Academy. Further training for our classroom teachers would be developed and provided by our Technology Fellows. All equipment purchased through this grant would be supported and maintained by our technology department.

This grant would enable us to provide another layer of support that we are incapable of starting at this point, but could maintain after the initial start up. The grant aligns and supports our existing Technology Plan and will enhance what we are currently committed to offer.

Technology Fellow Grant Budget

Refer to Goal & Objective	Item / Description	Qty	Cost Each	Total
3.1, 4.1, 4.2	**Equipment -** Purchase of a SmartBoard for each Technology Fellow. We currently have two buildings that have a SmartBoard in each room.	7	$3530	$24,710
3.1, 4.1, 4.2	**Equipment -** Purchase of a RedCat Amplification system for each Technology Fellow. We currently have one school that has amplification systems in each room.	8	$873	$6984
3.1, 4.1, 4.2	**Equipment -** Purchase of a Classroom Performance System (Blue Clickers) for each Technology Fellow.	8	$2495	$19,960
3.1	**Installation -** Installation of equipment and wiring.	7	$513	$3590
1.1, 1.2, 1,4	**Professional Development –** Boise Training for 2 individuals. Travel $200, Hotel $100, Per diem $50, Total = $350	2	$350	$700
1.2, 1.3,	**Professional Development –** The development of Nine Technology Integration Modules by Instructional Coaches, Director of Instruction and Technology Director. $400 per course.	9	$400	$3600
1.1, 1.3, 4.1, 4.2, 4.3, 4.4	**Professional Development –** Stipend for Technology Fellows to participate in 9 all day trainings. 8 hours a day for 9 days at $22 per hour equals $1584 each	9	$1584	$14,256
2.1, 4.1, 4.2, 4.3, 4.4	**Professional Development –** Development and implementation of a Professional Development Course for any classroom teacher to take for credit. The grant is paying for the development of the course and initial implementation. Development = $400	1	$400	$400
Total Professional Development for this grant = $19,056 or 25% of total grant funds.				
	Administrative Cost – Grant oversight and reporting. = $800 (<5% of grant funds)	1	$800	$800
TOTAL Grant Budget				**$75,000**