

A. Sound System /Projector Narrative for Lincoln Elementary

- I. **School Mission:** At Lincoln Elementary we are leading, excelling, succeeding.

How the project will help carry out the mission:

The LES gym is utilized by all members of the learning community including students, faculty, staff, parents, and community members. Updating the sound system and equipment in the gym will allow for continued programming and assemblies that have been curtailed due to the sound quality of the speakers. We have also been limited in what can be shown during the programs. We bought a new system six years ago and it has steadily regressed in its ability to provide clear sound or pictures for activities in the gym. Updating the speaker system, screen, and projector will allow the increased use of the gym space to increase programming and allow students the ability to see and hear in order to make the program more effective. Our student body over the last two years has increased by 35 students. During programming, our gym is at capacity and the acoustics of the portable systems are no longer sufficient to handle the number of students. According to the physical education teacher, "if I want to show my students demonstrations using technology, the system now has to be rigged and set in the middle of the gym." The cords and speakers out on the gym floor can prove to be a safety hazard for students trying to complete skills. The physical education teacher would love the opportunity to fully infuse technology into the gym classroom to further advance students' learning opportunities.

In regards to **leading**, the new sound/projector system would be a huge benefit to the different student organizations in the building. All visitors who come to do programming struggle to hear and see with the present sound and portable projector system. Previously, we have had morning meetings but due to the lack of equipment have not been able to restart this practice. Kids on the Block, Kentucky Conservation representative, and Family Resource Programming spends many hours in preparation for programs initiated for the students. It is very discouraging to the presenters when the sound and projector system fails or constantly malfunctions. We also have monthly hype rallies in which we recognize students and many times the students cannot understand what is being announced. Recognition is one of the pillars of our Renaissance programming.

When it comes to **excelling**, students are exposed to physical education programming two times a week for fifty-five minutes per class. A new system would enhance our physical education program. The teacher would use the system to help demonstrate the necessary skills for doing movement and competition activities. It would be easier for students to see a large screen and the teacher would be able to use the necessary technology to demonstrate the various goals for the class. Projectors and screens have become a great tool for physical educators. These technological devices have enhanced the physical education experience for students as well as teachers. Some of the improvements to teaching will include: activity directions, reviewing class protocols, assessment prompts, scoreboards, dance demonstrations,

skill assessment, motivational messages, skill demonstrations, plan of the day, space layout and stations, providing choice of activities, targets for activities, and timers.

As one of the largest spaces in the building, the gym is used to reward and acknowledge when students **succeed**. The space is used for all community and large group activities that take place for the majority of our students. PTO uses the space for school dances. Our students who are involved in orchestra and Music Cats perform in the space and need equipment that projects the sound of each group. In the past, we have celebrated Veterans Day and will once again when we have the appropriate equipment. We also use the space and equipment for Open House, Awards Programs, Hype Rallies, and Homecoming activities.

II. Describe in detail the specific activities and strategies of this project

Many of the Kentucky Academic Standards call for students to collaborate with their peers. Collaboration is also a vital life skill for students to learn and practice throughout their years in school. Our ability to provide access to these skills would greatly increase with a new sound/projector system that could be rearranged to accommodate groups of all sizes and encourage collaboration. Not only encourage collaboration, but to solicit new programming for the students. The focus will be on physical education programming and activities provided for entire student body such as:

1. Collaborating with Kentucky Parks and Wildlife for programming
2. Developing further teaching activities and modeling for our physical education program
3. Collaborating with Kids on the Block
4. Collaborating with Family Resource Center and Extension Offices
5. Developing new club activities
6. Music programs
7. Renaissance Activities
8. Recognition Assemblies

All of these projector and screen abilities can help students better understand the material being taught, thus making learning more engaging and interactive and can also help students retain information more effectively.

III. Timeline:

Our timeline is dependent upon when we are able to accumulate the funds for the project and the delivery and installation of the system once it has been purchased. Our goal is to solicit funds from the PTO, District Technology Department, SBDM funds, and complete a grant for the needed purchase.

IV. Describe in detail the expected outcome/goals of your project and how these outcomes will be measured:

The main goals of this project are to make the gym into a more conducive learning environment. Where all students, clubs, classroom, and community sponsors can depend on the students being able to hear and see the necessary information without undue frustration. The first goal would be measured by student and staff surveys such as the Tell Survey as well as informal conversations with members of the learning community. The second goal would be measured by increased usage of gym space.

B. Evaluation

a. The success of the program will be measured by:

1. Increased events
2. Lessons plans for special area teachers
3. A distinct improved quality of sound for programming
4. To provide an increased number of programs that collaborate with classroom curriculum

C. Budget

All items will be purchased through C-it- Creative-image technologies. Prices may fluctuate due to quotes being good for only thirty days. Mr. Perdue has gotten two quotes and the difference between the quotes amounted to \$18,000. ***Electric to be provided by other if required***

<p>C-it will install an Epson EB-PU1007W (7000) Lumen projector with a cage using an M15 Middle throw lens that will allow the projector to be mounted. Audio will come from 10 pendant speakers with the equipment rack mounted in the coaches office which will house the Amp Mixers and Wireless BT Receiver.</p>			
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Gym Equipment: 189" Tensioned Contour Electrol Screen	1	5,499.00	5,499.00
Epson Laser Projector	1	5,550.00	5,550.00
M15 Middle Throw lens	1	1,137.00	1,137.00
Universal Ceiling Mount	1	175.00	175.00
Extension Column	1	147.00	147.00
Beam Clamp	1	315.00	315.00
Extra large cage	1	1,185.00	1,185.00
Pendant	10	265.00	2,650.00
Rack equipment EWR Pivoting Wall Rack	1	425.00	425.00
Bluetooth Receiver	1	199.00	199.00
Power Amplifier	1	675.00	675.00
Outputs	1	195.00	195.00
Power Strips	2	145.00	290.00
HDMI Transmitter	1	415.00	415.00
Cable	1	24.95	24.95
50 ft Velocity	1	45.00	45.00
3ft Audio Cable	1	3.99	7.98
Digital Cable	1	9.95	9.95
Blank Rack Panel	2	12.50	25.00
Ground Freight	1	985.00	985.00
Installation Labor	1	11,750.00	11,750.00
Installation			

Materials	1	1,600.00	1,689.78
			TOTAL
			\$33,393.78

D. Application Summary

- a. FSEEF's mission is "to supplement existing educational opportunities through funding to educators and community organizations in order to facilitate effective learning." These needs will directly enhance the opportunity to have higher quality instruction and programming. This is a costly project and I will solicit other support from SBDM funds, Technology funds, and PTO. The caveat to the project is the unknown concerning electrical work if it is needed but that is the unknown variable once the project begins so I must prepare for it.