

# Listen & Learn in the Library

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## *Classroom Grant*

### ***Miles Ave.***

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# Application Form

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## Report Fields

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### Project Name\*

Name of project

Listen & Learn in the Library

### Amount Requested

Amount requested on application.

\$705.00

### Grade Level

Please select grade level below.

Primary (K-3)

### Primary Subject Area

Please select the primary subject area of your grant.

Other

### School

Please select your school from the list below

Miles Avenue Elementary

### Number of Students Served

Please enter the number of students that will be served by this grant.

324

### Project Cost

What is the total cost of your project?

705.00

### Statement of Need

Please describe the need for this project. For example, how will this project impact student learning?

When students hear every word of instruction in the Library, they listen with maximum engagement and understanding. Since the library is larger than a regular classroom, and there is an adjacent computer lab, the acoustics are poor and students frequently cannot hear instructions. A classroom audio system would distribute sound through a low volume, but evenly distributed speaker to create a better learning

environment. Audio systems, such as the Lightspeed RedCat system, are proven to overcome noise from the classroom and adjacent rooms that cause noise barriers to classroom listening and connecting. Since the computer lab is separated only by shelving, and it is used every day, for most of the day, there are almost always two classes in this same space at once. The RedCat system would contain Library noise without disrupting the computer lab. Miles is also the designated Hearing Impaired School for the district. The teachers of HI children have a classroom amplification system to help these students, but the library doesn't have one. An audio system would benefit all students at Miles.

## Primary Goal

Please describe the primary goal of the project and how it blends with School District 2 goals and curriculum.

The goal is for students to hear and understand instructions better. Whether the librarian is reading a story or giving instructions, or the students are sharing a presentation or book-talk, the audio system will enhance learning. The recording feature allows for re-teaching and review. Lightspeed cites the following research proven benefits:

- Improved Listening and learning: Students hear every word
- Increased productivity: less re-direction, more on-task activity
- Lowered classroom stress: teachers speak in normal comfortable tones
- Improved teacher health: no need for "projecting" that causes vocal strain
- Greater participation and confidence: students love using the mic
- Equal opportunity for success: better listening = increased performance.

## Project Description

Briefly identify the major activities and materials involved in your project.

Students will be working on inquiry projects in the Library as part of the Lead 21 program and Common Core Standards. The projects require them to research topics and present their findings. The RedCat system will allow them to listen to instructions about research techniques and finding resources, and to hear their peers present their findings. The student microphone will be used for these presentations, as well as other activities where students speak in front of the class. Students are frequently unable to project their voices, and their peers miss important information that is shared.

An example of a project that would be enhanced with an audio system is the following: The sixth graders at Miles do an annual research project on ancient mysteries. We begin with instruction on using and citing resources. We cover the important topic of Internet safety, and teach how to use the computers. Lessons can be recorded with the device for students who miss these lessons. Students collaborate with each other to find information, and create a presentation. They present their ancient mystery to the rest of the class. Presentations can also be recorded, which would be used for grading and critiquing presentation skills. Podcasts can also be made from the recording to post the presentations on-line.

## Professional Development

If your project includes professional development how will it improve student performance?

The audio system is easy to use and requires no training. Instructions on how to use the system are included. There is also a tutorial on-line. The RedCat system is compatible with the hearing devices used by the hearing impaired students, so these students would be trained on how to hook up to the system.

## Project Timeline

When will you implement your project?

The audio system would be implemented immediately and used on a daily basis.

## Plan for Evaluation

How will you evaluate student outcomes for your project?

Formative assessments in Library are ongoing and would be used to determine the effectiveness of the audio system. Scores on specific library assignments will be compared to previous years to see if the clarity of instructions improves the scores. The involvement of the students during presentations and while reading, will help to evaluate the success of the system. Teachers can also use the recording feature to evaluate the lessons and improve instruction.

## Project Budget

Please explain how the funds from this grant will be spent to support your project goal. You can either type or upload a project budget to show how funds will be used. Please identify other funding sources if applicable.

RedCat quote.pdf

The quote for the Lightspeed RedCat system is attached. The system with a teacher microphone and an extra microphone is \$1205.00. Since I was in a drawing at a conference and was the winner of a \$500.00 coupon from Lightspeed, the system would only cost \$705.00 if ordered before June 30, 2014.

More information on the RedCat system can be accessed from the LightSpeed website at:  
<http://www.lightspeed-tek.com/products/redcat-family/redcat-access/>

## Supervisor Approval\*

I have received approval from my supervisor to apply for this grant.

yes

## Attachment 1

Please attach any photos, pages from catalogs, or other documents below. This is completely optional.

RedCat Photo.docx

## Attachment 2

## Attachment 3

# File Attachment Summary

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## ***Applicant File Uploads***

- RedCat quote.pdf
- RedCat Photo.docx



**Lightspeed Technologies, Inc.**

11509 SW Herman Rd.  
Tualatin OR 97062  
1-800-732-8999  
www.lightspeed-tek.com  
fax: 503-684-3197

**Quotation**

**Date**  
**Quote #**  
**Expires**  
**Created By**  
**Sales Rep**  
**Terms**  
**Shipping Method**

10/23/2013  
49505  
12/22/2013  
RHONDA ALLEN  
RICK BERGER  
Net 30  
UPS Ground(N/C)

**Bill To**

ACCOUNTS PAYABLE  
BILLINGS PUBLIC SCHLS 2  
415 N 30TH ST  
BILLINGS MT 59101-1252  
United States

**Ship To**

BILLINGS PS #2 WAREHOUSE  
1470 INDUSTRIAL AVE  
BILLINGS MT 59101-3127  
United States

Item	Qty	Description	Unit Price	Amount
RC2-VS	1	REDCAT all in one system with REDMIKE VC, REDMIKE Share	1,205.00	1,205.00
TSCW		TRADESHOW COUPON WINNER (TSCW16)  The Infrared series products have a 5-year parts and labor limited warranty on the major components. The cables and batteries have a 1-year limited warranty.  Please fax your purchase order to PEPPM at 800-636-3779, or place online through Epylon eCommerce at epylon.com. Each PO should reference 'PEPPM 2012 524104'. Please note: shipping and handling charges are included with PEPPM pricing.  Please reference quote number on purchase order.	-500.00	-500.00

Thank you for choosing Lightspeed Technologies.

<b>Subtotal</b>	705.00
<b>Shipping Cost (UPS Ground(N/C))</b>	0.00
<b>Total</b>	\$705.00

For communicating  
with the whole  
classroom.



Bring teacher's  
natural VOICE  
to today's flexible  
classrooms



Microphone:

