

Can You Hear Me Now?

Classroom Grant

Ms. Mary McRae

1025 Avenue F
Billings, Montana

mraem@billingschools.org
O: 406-281-5451
M: 406067109760

Application Form

Project Name*

Name of project

Can You Hear Me Now?

Amount Requested

Amount requested on application.

\$1,486.01

Grade Level

Please select grade level below.

High School (9-12)

Primary Subject Area

Please select the primary subject area of your grant.

Other

School

Please select your school from the list below

Senior High School

Number of Students Served

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

254

Project Cost

What is the total cost of your project?

\$1,486.01

Statement of Need

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

I teach in a Foods Classroom at Billings Senior High.

Having a microphone system in the classroom will absolutely improve the student's learning.

The classroom in which I teach is large (elongated), and because the classes/students are group based, it is difficult for students to keep a quiet volume during class time. The room itself is extremely long and narrow, therefore my voice can not carry well throughout the classroom space. It is a challenge to give instructions during class as the students are making noise, shutting ovens, using mixers and food processors, and other noisy cooking activities. I also have a commercial refrigerator and commercial freezer in my room

which add to the noise. And, then there is the continual use of the washing machine and dryer during each class period.

(I have included pictures of the classroom)

With the Redcat Microphone System I will have the ability to manage and control my classroom with a regular tone of voice, improving student attentiveness. Students who hear better, learn better.

(and it will save my voice)

A microphone system would increase safety measures in the classroom.

For example, if there is a hazard or fire in any spot of the room, the students would be informed immediately eliminating danger that could possibly harm them. Also, due to the diversity of the students that I teach, some having IEPs, it is unfair to them when my instructions are not heard. Ultimately, if I receive this grant, it will nurture the learning for all of my students.

Spring semester of 2014-2015 I have 128 students. Twenty two of these students have been designated with IEP's or Special Needs. High on the list of IEP's is placement of the student to be in the front of the room and to avoid distractions.

I have 4 seats that truly meet that criteria.

Forty six students are indicated with a medical icon. If a student should have a seizure, allergic reaction or any medical issue, I would be hard-pressed at the present time/capacity to give instructions to those students next to the one in need. I also have students from other countries and a microphone will improve interactions, oral impact and acquisition of the English Language.

Physics is still the law---the farther I am from the audio, the greater the degradation of sound.

Intelligibility is clarity. Audibility is found at lower frequencies and vocal fundamentals such as vowel sounds t & s.

This improved speaker and additional microphone will give everyone in the classroom a better ability to focus to a stronger voice. Student contributions are important and the light speed products give students the Power to Share.

Primary Goal

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

The primary goal of this project is to make it easier for my voice to be heard in the classroom. Because of the excessive noise in the classroom, instructions are often not heard.

It has been proven that how well a student hears their instructor affects how well they learn. A student spends approximately 75% of their day listening.

This blends with the curriculum because it helps spread information and instructions effectively to the class.

The audio system blends with School District 2 goals and curriculum. I will be able to maximize my time with students and help them stay on task with positive encouragement and/or with on task behavior. With Common Core, students take will take an active role in their own education with the use of the additional microphone. This will enable them to articulate their own ideas, proving their assumptions and improving teacher and student listening and interaction.

Project Description

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

Redcat Media infrared multimedia classroom audio system with one Redmike Microphone, one Redmike Shared Student Microphone and iRMC Media Connector.

Item Summary

SKU: RCM-RS

Online Price\$1449.00

Education Price \$1486.00

The materials for this project is a Redcat Classroom Microphone System.

This system gives full access to my natural voice, as the system itself prevents feedback, no matter where I would be located in the classroom. Exciters are located around the classroom that monitors my voice and will send it to the main sound panel surface. The surface radiates the sound, and sends it evenly throughout the classroom. When the sound is released, the exciter technology helps the students pick up on the necessary high frequencies in my voice. Therefore, this system would allow all of my students to be able to hear my voice whenever or wherever I am giving instructions.

I am ordering two Microphones. One for myself and one for the students to provide feedback. This additional microphone would be used in our lab discussions.

Representative:

Rick Berger

Classroom Audio Consultant

877-367-9372 Phone

rick.berger@lightspeed-tek.com

Professional Development

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

I am currently enrolled in the CADRE class which meets once a month where we meet with technology specialists from School District 2. This class is where I was introduced to the the Redcat Microphone System.

I will not need professional development for this project.

I will be able to set it up and use it immediately upon receiving the system!!! :):)

While researching this system I have utilized Redcat's Website and spoken with several other Educators whom are familiar with this system. The system i would order is the new version with an improved speaker system.

I believe with all of the noise generated in my room: chairs, flooring, fans, timers, cupboards opening and closing, this new speaker will better meet the students audio needs.

Project Timeline

When will you implement your project?

The project will be implemented the moment the grant is awarded and funds available.

My classes this semester are working on improving all levels of technology in my classroom. They will be exstactic

to implement and experiment with this new technology. Several of the students are familiar with the older version of Redcat in their Chemistry Class at Billings Senior High School.

Plan for Evaluation

How will you evaluate student outcomes for your project?

The student outcomes will be measured by their improved responses to instruction. With the system, it is guaranteed that more will get accomplished in class because I will not have to repeat instructions or spend time quieting the class down.

Time management is a key factor during the foods labs.

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.

The \$1,000.00 from this grant will purchase the Redcat microphone system for the classroom.

The remaining funds will come from Billings Senior FCS Vocational Account.

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.

photo 5.JPG

Attachment 2

photo 4 (1).JPG

Attachment 3

photo 3.JPG

File Attachment Summary

Applicant File Uploads

- photo 5.JPG
- photo 4 (1).JPG
- photo 3.JPG





