

Interactive Music

Classroom Grant

Big Sky

Wendy Goodheart

1422 Lynn Ave Apt 8
Billings, 59102

goodheartw@billingschools.org

Application Form

Report Fields

Project Name*

Name of project

Interactive Music

Amount Requested

Amount requested on application.

\$745.90

Grade Level

Please select grade level below.

Intermediate (4-6)

Primary Subject Area

Please select the primary subject area of your grant.

Arts (Music, Art)

School

Please select your school from the list below

Big Sky Elementary

Number of Students Served

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

250

Project Cost

What is the total cost of your project?

745.90

Statement of Need

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

Many music teachers, including myself, don't have a designated music room. We travel from room to room with our carts loaded with the materials we need. As we travel, we rely on being able to use the technology equipment that is in the classroom we are teaching in. Many of the classrooms I travel to don't have smart boards. There are some that do, but the rooms may not all have the same technology equipment.

This means I have to have multiple software applications loaded on my computer. The classroom teacher may have to help me use the equipment if I have not had training on it. This takes away from their prep time, from my teaching time, and from student learning. My music classes last 30 minutes. Sometimes it takes me close to five minutes to get my equipment hooked up to the classroom equipment. If I had my own equipment and resources, I would be able to have my lessons and materials prepared ahead of time and not have to waste time making sure I can operate the equipment.

Primary Goal

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

Music, as many other subjects, has become more computerized. There are many programs, apps, and interactive lessons that have been developed for music instruction in the last 10 to 15 years. It would be exciting for my students to be able to, for example, learn how to read notes on an interactive white board. One of the many School District 2 goals and curriculum components is Music Composition. They would be able to manipulate where notes are placed on a staff, and listen to it as well. Another example is learning about Instrument Families. I don't have a way to show my Fourth Grade Students actual instruments. This software would be great for students to see actual instruments and hear how they sound. They will also be able to learn about singing pitches (do, re, mi, etc.), writing and playing rhythms, song form, music genres, and much more.

Project Description

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

The main component to this project is the now!Board package. It looks like a small camera that sits in a dock, similar to an iPod. The camera is hooked up to a computer, and projector. Images are projected onto a regular whiteboard. Those images can be saved to be used later. The camera and software also allow a teacher to create documents to save and use later. I would also be able to download lessons from the internet right onto the camera.

The second component of this project is software. The various software I have included in this proposal will be able to be used in all of my music classes. Subjects addressed on this software include reading notes and rhythms, learning about composers, dynamics, composition, and much more. Some of the software even has printable worksheets for extra practice or assessment.

Professional Development

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

This past year at the Montana Music Educators Convention, there was a workshop on many of the new items for Interactive whiteboards. It was a great workshop to attend and it really opened my eyes to possibilities of new lessons for my music classes. There are not many music teachers in the Billings School District who use this technology. This would be a great opportunity for me to teach my fellow colleagues about this new technology. Students from all over the district will learn new, exciting ways to interact with music. Some students struggle with reading material, including notes. They will physically be able to manipulate notes, rhythms, and dynamics in the lessons. With students being more technological than most adults, this will really appeal to them. They find a new excitement in learning.

Project Timeline

When will you implement your project?

I would love to start using this new technology this spring. One of the software programs talks about the instruments of Band and Orchestra. This is a unit I do every year with my fourth grade students. They get to

learn about all of the instruments so that when they enter fifth grade, they will be informed about their instrument choices for those classes.

Plan for Evaluation

How will you evaluate student outcomes for your project?

Student outcomes will be evaluated in different ways. One way is having students work at the board. They will be able to manipulate lessons with their own hands, which is something they currently cannot do. For example, if I wrote a short melody on the board, students would be able to physically move the notes to change the melody. Another way is by using printable worksheets from the software programs for homework, tests, or extra practice.

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.

Portable Interactive Whiteboard-\$499.00
-includes now!Board camera, software, case, stylus, and wand
Interactive Now Software for Mac-\$209.00
-9 volumes
Across the Board(Software):Interactive Lessons-\$12.95
Orchestra Playground(Software):Instrument Families-\$24.95

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.JPG

Attachment 2

photo-2.JPG

Attachment 3

photo-3.JPG

File Attachment Summary

Applicant File Uploads

- photo.JPG
- photo-2.JPG
- photo-3.JPG

rhythmic values, then fill in your scorecard in this Yahtzee-like game. Includes instructions, playing tips, digital gameboard & scorecards. Fun for Gr. 3 up. **Enhanced CD 3720 \$14.95**

BOOMWHACKER BEATZ CD-ROM

Play-by-color warm-ups and performance pieces with audio tracks, games, and composition activities.

7400 \$79 see p. 21



Diatonic Boomwhackers 2850 \$24.95

now!Board Portable Interactive Whiteboard



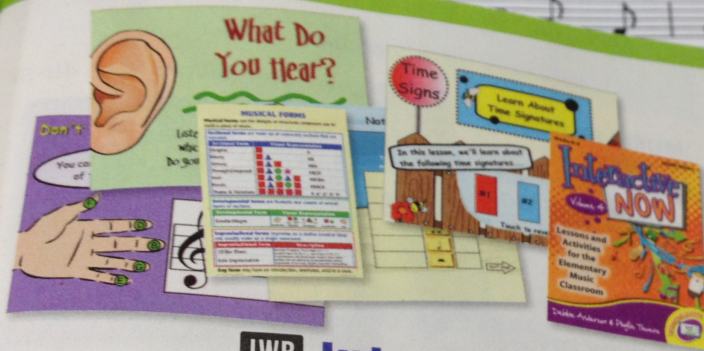
Great for teachers on the go! now!Board turns any flat surface, even a wall, into an interactive whiteboard. Write on it, save & download lessons, collaborate, and enjoy full interactivity. It requires only a computer and projector, works with any software, and sets up quickly. Control your computer from the front of the room—easily toggle between the whiteboard, the web, and your applications. Includes a now!Board camera, CD software & guide, carrying case, stylus, and wand. PC and Mac compatible.

6377 \$499



Luna Interactive Camera





IWB InteractiveNow

INTERACTIVENOW: Lessons & Activities for the Elementary Classroom by Debbie Anderson & Phyllis Thomas. Each volume contains 10 interactive whiteboard lessons with hands-on activities, audio, and **reproducible PDFs**. Vol. 5-9 work with any interactive whiteboard. If you don't have an interactive whiteboard, you can use a computer and projector. For Windows and Mac. **\$24.95 ea.**

Complete Smartboard Set of 9 9293 \$209

Complete Promethean Set of 9 9294 \$209



VOL. 1. Grand staff, beginning rhythm notation, rhythm flashcards, melody flashcards (sol, mi, la), ear training games, rhythm pizzas, (the first Marachi & rondo form) & more.

IWB ACROSS THE BOARD: Interactive Music Lessons for Gr. K-5 by Debbie Anderson & Phyllis Thomas. These interactive lessons are a part of the popular music education series. They cover a wide variety of topics, skills, and rhythms to learn about Veteran's Day, Eastern music and instruments, a partner song to learn about compound meters to fit the 5-note warm-ups based on have clear objectives, lesson **printable** worksheets. For use a mouse to navigate screen. **CD-ROM 7713**

IWB ORCHESTRA PIZZAS: Lessons about the Orchestra by Debbie Anderson. 8 interactive lessons for Gr. 2-5 about the 4 a memory game a Orchestra Blackout

IWB DOOZIE: Board by Debbie Anderson



IWB ACROSS THE BOARD: Interactive Whiteboard

Music Lessons for Gr. K-5 by Debbie Anderson and Phyllis Thomas. These interactive lessons, based on Vol. 7 of the popular music education magazine *Activate!*, span a wide variety of topics, skills, and grade levels. Review rhythms to learn about Veteran's Day, explore Middle Eastern music and instruments, sing a "Jingle Bells" partner song to learn about harmony, select simple or compound meters to fit the beat of rhymes, practice 5-note warm-ups based on the tonic triad, & more. Units have clear objectives, lesson plans, activities, and **printable** worksheets. For all interactive whiteboards, or use a mouse to navigate files projected on a traditional screen. **CD-ROM 7713 \$12.95**

IWB ORCHESTRA PLAYGROUND: Interactive

Lessons about the Instrument Families by Debbie Anderson. 8 interactive lessons and games to teach Gr. 2-5 about the 4 instrument families. Includes a memory game and a game of chance called *Orchestra Blackout*. **CD-ROM 3722 \$24.95**

IWB DOOZIE: Musical Dice Game for Smart

Board by Debbie Anderson. Roll the 5 virtual rhythm dice on the Smart Board, count the rhythmic values, then fill in your scorecard in this Yahtzee-like game. Includes instructions, playing tips, digital gameboard & scorecards. Fun for Gr. 3 up. **Enhanced CD 3720 \$14.95**

