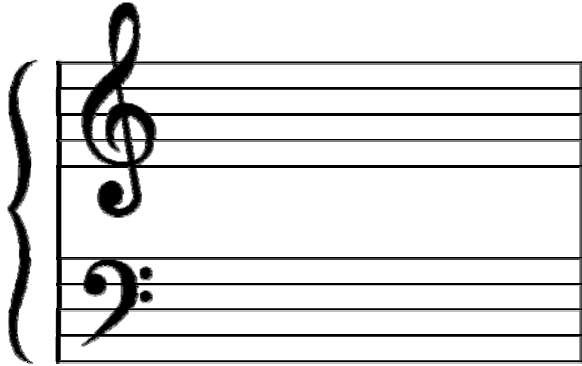


Music Pad

Brooker Elementary, Florida

A Case Study



As a music teacher at Brooker Elementary School in Florida, Bruno Kazenas has attended the Florida Educational Technology Conference (FETC) for several years. At FETC 2004, Kazenas saw the Interwrite Interactive Classroom-- a collection of products that make learning more interactive. Watching a demonstration of the Interwrite Board, an interactive whiteboard, in the exhibit hall Kazenas thought, "Why can't we use this technology to teach music in an interactive way?"

Testing & Suggesting

After testing the Interwrite Pad, a wireless pad that turns any surface into an interactive surface, and its accompanying Interwrite Software in his classroom, Kazenas received an exciting reception from his students. He became convinced of the impact the Interactive Classroom could have in his music classes. However, to fully utilize the product, additions to the Interwrite Software image gallery were needed.

Working closely with Interwrite, Kazenas made numerous suggestions on the specific changes and updates that were necessary to make the music image gallery even better. The end result was the addition of more than 70 new music symbols and the expanded capability of the software to enhance music lessons as much as it does other subjects.

Interactive Music

Kzenas uses the Interactive Classroom products to teach students the basic concepts of music. The lesson starts with Kazenas dragging and dropping a music staff from the image gallery into a blank page. He then uses the annotation tools to label the names of the lines and spaces of the treble clef. As students begin to learn notes, lines and spaces, they actively use the Interwrite Pad to open the image gallery and drag the notes over to their correct position on the staff. Over time, the students have come to realize that there are actually three ways to create the notes: drag them from the image gallery, draw them freehand or create them using the line and circle tools.

Kzenas also uses the Interactive Classroom products to teach 4th and 5th grade students how to write music. Once they have created the staff, clef and time signature, the students take turns writing a measure of music by selecting the duration of the notes or rests and where they would like to place it on the staff. After each student has written what he or she thinks is a full measure of music, the student selects the bar line from the image gallery to finish the measure. The student then passes the Interwrite Pad to the next person to add to the composition. When the composition is complete, Kazenas uses the "Record and Playback" feature in the Interwrite Software to create an AVI file of the music the students just wrote.

"You can hear a pin drop.... Their eyes fill with amazement...."

Students Sing Praises

The Interactive Classroom has been well received by the music students at Brooker. The mystery and confusion of writing music has been replaced with enthusiasm by making learning and writing music fun. Kazenas notes that, “you can hear a pin drop when the recording of their composition starts to play. Their eyes fill with amazement by what is transpiring.”



About Interwrite Learning:

Interwrite Learning™ is a leading provider of interactive learning solutions. Our Interwrite Board is an extremely durable interactive whiteboard that includes thousands of images and resources to create dynamic and exciting lessons. The wireless Interwrite Pad allows you to teach from anywhere in the classroom creating an interactive whiteboard on any flat surface. Interwrite PRS is a powerful student response system that combines interaction and assessment to enhance classroom productivity. It allows teachers- from elementary schools to universities- to accurately and instantly assess student comprehension and quickly grade quizzes and exams. We are changing how the world learns with our Interactive Classroom solutions.

Interwrite Learning • 7125 Riverwood Dr. • Columbia, MD 21046 • 866.496.4949 • (410) 290.9065

www.interwritelearning.com