



Safety in the Instrumental Music Room

Acoustics

- Band Room Specifications state:
 - Music areas must be acoustically designed so pitches and tones are clear and balanced.
 - Music rooms should be acoustically separated by walls or distance from those school areas where sounds will cause annoyance and distraction
 - Special attention should be given to acoustic design throughout all facilities for the performing arts
 - Size/Capacity = 2200 SF – Maximum 125 students per class
 - Spatial characteristics – rectangular, not square – for proper resonance provide 10-15 feet from front of class group to front of room
 - Finishes – wall – CMU acoustical treatment – floor VCT in light colors
 - Ceiling – 20’0” high with acoustical treatment

- Programmatic Offerings
 - Concert Band/Wind Ensemble
 - Jazz Band with limited amplification
 - Marching Band with limited percussion

- The instrumental music rooms have been designed to accommodate a standard music program. Decibel meters are available for your use (contact Arts Education) to self-monitor the volume in your room.
- Sound should never peak above 115 dbm
- Time Weighted Average over an 8 hour period should not exceed 85 dbm
- As music instructor, you have the ability (and responsibility) to control the overall volume of music. If you have questions or concerns, please contact the arts education office for a comprehensive acoustic survey.

For additional information:

Teaching Music, April 1999 - “*You Heard What?*”

Hear the Music: Hearing Loss Prevention for Musicians, 2001