HARMONY & DESIGN : Representing Music in Architecture

"Music is liquid architecture; architecture is frozen music" - Johann Wolfgang von Goethe

The ability to play an instrument has been proven through numerous studies to improve executive functions and set students up for academic and future workplace success, however many students find music difficult to understand and drop out of something that benefits them in the long run.

Revamping and purposefully designing a music education and performance center has the opportunity to improve music education and help students understand music. This facility provides students with the opportunity to learn through group and individual instruction, while having the space to practice, compose, record and perform. By turning basic musical elements into architectural elements, the spaces within this facility enhance the interest, excitement, synesthetic experience and interaction with fellow students while helping them learn.

Through the representation of music in architecture using space, light, color, sound, structure, elevation and form, this music performance and education center encourages student learning and fosters their growth.





Architectural Representations : Unison





Pitch :

intervals. When tuned correctly, a by small-integer ratios such as 1:1 (unison), 2:1 (octave), 2:3 (perfect 5th), 3:4 (perfect 4th), 5:4 (major



Student Commons

Remix Room

Entry Perspective & Site

Lobby