

## **Classroom Transformation for Better Education: Part 1 - A Systematic Review**

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### **ABSTRACT**

*In order to accommodate the teaching and learning process, various communication quality between educators and students in a classroom is necessary. Numerous studies have found that classroom acoustic comfort has an impact on both student performance and educator well-being. Several factors influence a classroom's acoustic performance, including material selection, volume, noise disturbance, occupancy, and others. The purpose of this study is to critically review the significant design factors that influence a classroom's acoustic performance, including an in-depth discussion of how the factors manipulate the classroom's acoustic parameters. As a result, the reviewed findings will be presented to demonstrate the relationship between classroom factors and acoustic parameters, and a conceptual framework for classroom acoustic comfort will be proposed as a guideline for designers to use in the future.*

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