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Bass Case: A Case Study of Music in the Mathematics Classroom

This presentation will explore the longstanding connection between music and mathematics, proposing a variety of methods to integrate music into math education to encourage cross-domain learning. We will examine examples of mathematician-musicians, such as Albert Einstein and Manjul Bhargava, and lightly touch on the historical perspectives of the integration of music in mathematical teaching and learning. Through a hands-on exploration of Etude No. 6 by Philip Glass, we will discuss the educational potential of using music to illustrate mathematical principles, leading to deeper understanding and appreciation for both subjects.