

A Correlation Analysis of an Effective Music Education with Students' Mathematical Performance

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Abstract : Though music education can broaden one's capacity for mathematical performance, many countries lag behind in music education. Little empirical evidence is found to identify the connection between math and music. Therefore, this research was set out to explore what music-related variables are associated with mathematical performance. The result of our analysis is as follows: A Pearson's Correlation analysis revealed that PISA math score is strongly correlated with students' Intelligence Quotient (IQ). This lays the foundation for further research as to what factors in students' IQ lead to a better performance in math.

Keywords : music education, mathematical performance, education, IQ

Conference Title : ICMC 2018 : International Conference on Music and Consciousness

Conference Location : Osaka, Japan

Conference Dates : October 11-12, 2018