

THE RELATIONSHIP BETWEEN MUSIC AND MATHEMATICS

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ABSTRACT

The training active (TFA), is a preparation for teaching, which lasts one year, set up by the Italian Ministry of Education to obtain the qualification for teaching in the lower and higher secondary school. The authors, the first one as a tutor and the second one as a trainee, report here the didactic activity held in the Comprehensive Institute of Rosarno in Italy. The comprehensive school "Scopelliti - Green" has a few courses specialized in music. As part of the training provided by the direct TFA to teach of Mathematics and Science, the trainers subject pupils to a class specialized in music, a questionnaire on the usefulness and importance of the study of music in education and training of students. The survey, qualitative, was performed in a course in special musical class composed of 34 students of which 32 are attending. For many years, experts in pedagogy have shown the importance of music in the education of young people, and especially the study of a musical instrument, allowing a harmonious physical and mental development, it helps to improve relations between peers, it enhances their intelligence and it develops creativity. The frequency of the music course promotes many opportunities to exchange, to meet and to participate in musical events that broadens the horizon training of pupils and their wealth of experience, encouraging healthy growth, both cultural and social, and a significant overall cure in terms of artistic, human and intellectual.

Keywords: TFA, Music, Mathematics, Education.