

Basic training in musical theory.

Using composition software.

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A basic knowledge of music is needed to learn to play a musical instrument. Musical theory includes the understanding of melody, intervals, rhythm, tempo, musical notation, and the ability to hear music. In this experiment, I employed composition software to train subjects in these areas. The training included two methods of input; namely, by keyboard and by singing voice. The software also tested basic knowledge following instruction, and compared the results of the testing with the results of students trained in a traditional piano class. Results showed that knowledge of musical notation exceeded that of students from the piano class and that other scores showed no significant differences. Accordingly, it appears that this training method may be effective to some degree. Some effects as the training were low in the input by the singing voice. In addition, I performed the experiment that took in composition for training. As a result, it was able to make up for a fault of the training of the input by the singing voice. It is thought that training with composition software and training in which composition is taken is effective.