The Research on Modern Information Technology in College Music Teaching Application

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Abstract. Along with the development of the education information, multimedia has been integrated into the music teaching. This paper carried on analysis and researches on the necessity and the importance of the multimedia technology in the universities’ music teaching. At the same time, current college music teaching use multimedia some drawbacks have been found. Integration of information technology and modern music courses is reasonable. This paper is based on some researches on how to improve the teaching quality and teaching effect using combination of music software and traditional media by combining music software and traditional media in practical works.

Keywords: Multimedia, Music education, Computer application technology.

1 Introduction

With the deepening of the educational modernization, multimedia has shown its unique charm in music teaching. It expanded the capacity of the music class teaching greatly, enriched the ways and resources of teaching and provided a vibrant music world for the teachers and students [1-2]. In music teaching, multimedia shows its effectively advantages, it can greatly stimulate the students' study interest in music, enrich the students' imagination, creativity, expression, and deepen our understanding of the music [3-4]. Therefore, multimedia computer has been widely used in music teaching. Along with the rapid development of computer technology, it makes the computer application field more widely. Computer application affects various aspects of the society, we can find it also play an important role in music teaching in universities. Computer multi-media technology is applied in the music teaching, it does not only solve the problem which is already existed in traditional teaching a long time, but also can receive better teaching effect and have very important practical significance.

2 Necessity of Applying Computer Technology into Music Teaching

The In the foreign countries with the rapid development of computer technology teaching and the multimedia, computer music teaching is introduced into the class
teaching gradually [5-12]. But in the universities of China, the blackboard and piano is still the main teaching tool in music course, the teaching way influences the development of teaching further. Taking the process of harmonic teaching as an example. When the teachers write the music score on the blackboard, it is difficult to form the music in heart of the student, and the music comes from the piano disappears in a moment. Because of the students can't see the forming of the music, it often appears “seeing no, hearing no” psychological confusion. Although the teacher explains very seriously and the students studies very hard, students often gets just some abstract and complex rules. At last, most of the students lose their interest in studying harmonic.

For this reason, we consider to establish good tone quality and stereo effect in the teaching process, and to make the students sense rich expressional force of the harmonic language, improve the students' enthusiasm in studying course, then grasp the general rule of harmonic further. It broadens the range and vision of teaching, improves the efficiency of studying. Computer music technology is the most effective means to carry out this teaching thought. Using it could form the visual, auditory integration, and this way of teaching will receive a better effect. It is obvious that introducing computer music technology into our music course of universities in our country is around the corner. It is helpful for improving the students' interest in studying, and it is also essential teaching tool to improve the teaching quality.

3 Importance of Multimedia Technology in Music Teaching

3.1 Stimulating the Students' Interest in Studying

The multimedia technology could provide all kinds of vivid scene, and it designs different situation accord to the words, graphic and music. This kind of technology makes the student to obtain training about the ability of using music actually, and it is good for arousing students' interest in studying. In the process of teaching, the teacher designs and organizes the teaching according to the teaching contents, makes full use of multimedia combination to create the scene that attract students to participate actively. In the inspiration and guidance of teacher, the students are able to explore independently and participate in teaching activities energetically, creating a dynamic atmosphere that we can sing and communicate with each other. The appropriate encourage and consciously train of the teacher will improve the ability of expression and quick thinking of the students, so that the students feel the fun of study music. At the same time, it stimulates students' interest in studying, so as to achieve the once more teaching result than before.

3.2 Change the Traditional Methods of Teaching and Increase the Capacity of Class

Music for inspiration, inspire man wisdom has a promoting function, but the students often feel indifference about it. The main reason is that traditional teaching method is