Study on the Integration of Multimedia Technology and Piano Teaching

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Abstract. With the continuous development of multimedia teaching technology in our country, its application value in piano teaching has also begun to emerge. Based on the situation of teaching practice, this study introduces the basic mode of traditional piano teaching, and then analyzes the function of multimedia technology in piano teaching. And it introduces the integration design of multimedia technology in piano teaching. Finally, the study expounds the innovation and breakthrough of multimedia piano teaching, and also hopes for creating conditions on the smooth integration of multimedia technology and piano teaching activities.

Multimedia technology has gradually become an important part of the development of modern education in our country, and its application level in various disciplines is constantly improving. Among them, the ingenious combination of multimedia technology and piano teaching not only realizes the leap-forward development of piano teaching, but also conducts a comprehensive technological innovation from the teaching mode to the teaching content. In order to further analyze the integration of multimedia technology and piano teaching, this paper analyzes the current situation of piano teaching.

Part One Current Situation of Piano Teaching

At present, the piano teaching model in our country includes two main forms including large class teaching and individual teaching. Each of them has different effects and advantages, and there are also some differences and problems. The brief analysis is as follows.

Large Class Teaching

As one of the most basic teaching modes in education in our country, large class teaching can not only achieve the goal of students' common learning, but also reduce the cost of learning and promote the popularization of piano knowledge. Therefore, this teaching mode is widely used. Of course, the shortcomings of large classes teaching are also very obvious which not only affect the teacher's targeted requirements for students in the classroom, but also affect students' self-development and self-judgment, and this situation often has a negative impact on the training of outstanding top piano talent. In addition, this teaching mode tends to easily lead to students become theoretical learners. Due to the lack of equipment, and the explaining mode of professional knowledge is very simple, it is bound to lead students to have more theoretical learning opportunities but fewer practical opportunities. This will also lead to the difficulty of achieving the goal of teaching in large classes and the general quality of students will not be promoted universally.

Individual Teaching

Individual teaching is also common in college piano teaching activities, and most of the individual teachings require students and teachers to complete teaching in a relatively closed environment. Relative to the large class teaching, this teaching mode is more targeted, but also can clear the differences between the main teaching to help teachers to complete the basic tasks of teaching students in accordance with their aptitudes. However, this teaching mode has the problems of high cost and heavy workload of the teacher, and at the same time, it can lead to the more obvious environmental impact on students' psychological quality. In many cases, this result will lead students to be unable to fully integrate themselves into the environment once they have replaced the venue with causing tension, discomfort or even exerting their disorder.

Part Two The Role of Multimedia Technology in Piano Teaching

Improving Students' Aesthetic Ability

The application of multimedia technology in piano teaching has certain advantages which are embodied in improving students' aesthetic ability. As an art discipline, piano requires a high aesthetic ability of students, and it must ensure that students can try to create beauty based on understanding beauty. Correspondingly, with the continuous integration and development of multimedia technology, it not only helps students to better understand the emotion in music, but also realizes the cultivation of students' aesthetic ability. Among the teaching activities, multimedia technology can help students to gain a comprehensive understanding of piano theory and practice ability by abandoning the space limitations of traditional teaching modes, which is helpful for students to practice pertinence during the practice. In addition, the application of multimedia technology also helps students to find all kinds of excellent piano resources and learning materials more easily, and it also improves students' self-learning ability.

Improving Piano Learning Efficiency

The traditional teaching modes often lead to poor initiative of students on learning the piano. The lack of enthusiasm for learning also leads to students' less efforts on piano learning and the overall improvement of their individual professional accomplishments. Through the integration and guidance of multimedia technology, students' learning enthusiasm can be significantly improved, and their cognition of piano learning can also be enhanced. In teaching, through the multimedia technology, teaching can also be simplified, and some of the more abstract piano technology and playing images can be showed through the visual display of multimedia, so as to avoid the students' false cognition and to avoid the problem of the preconception with enhancing the efficiency of piano learning effectively.

Improving Students' Depth of Understanding

As a unique form of artistic expression, the piano is also known as the king of music. Piano learning is not a one-time task, which often requires students to have sufficient knowledge and track full recognition of the piano, but also students should need to have a certain ability to play in order to achieve an overall improvement in performance level. With multimedia technology, teachers can provide students with a relatively open learning environment and space where students will deeply understand the piano knowledge, and this has a good effect for the formation of emotional resonance and to promote emotional exchange, but also creates conditions for students to gain plenty of enthusiasm for learning and performance ability.

Part Three Integration Design of Multimedia Technology in Piano Teaching

Application Structure of Multimedia Technology in Piano Teaching

The application of multimedia technology in piano teaching is the inevitable trend of the future development of the industry. From the stage of development, the integration of multimedia and piano teaching not only helps students to recognize the emotional connotation of the piano performance, but also enables the students to fully understand the value of the track in a more in deep and direct way, and it also has a certain role in promoting. Thus, the multimedia technology is of great value in the construction of piano playing system in colleges and universities, and the design of its structure also requires the teaching staff and students to keep on practicing in order to optimize and perfect it.

Overall Design of Multimedia Technology in Piano Teaching

The application of multimedia technology in the overall design of piano teaching can include the following two main aspects:

Multimedia Dynamic Spectrum

The application advantages of the multimedia dynamic spectrum are mainly reflected in the piano learning session. As the spectrum learning in the piano is more difficult and the most boring part, so many students are very resentment of this session. Through the combination of multimedia technology to carry out spectrum teaching, teachers can design knowledge of spectrum into

courseware through which to demonstrate a wide range of knowledge so as to help students better grasp the pitch and to better create conditions for students in the future piano learning.

Multimedia Emotional Experience

Emotional experience is also an important part of piano teaching, with the multimedia, teachers can broadcast the biographies of a variety of famous pianists, and require students to search according to their hobbies and needs of different Internet teaching materials to enhance the level of the emotional experience of students, and it also promotes the level of students' core literacy, which lays the foundation for students' better performance and deductive works.

Part Four Innovation and Breakthrough in Multimedia Piano Teaching

At present, the teaching mode of multimedia piano in our country is constantly rising, and its development reflects the stage and level of teaching. As a turning point in the development of piano teaching in our country, multimedia teaching can not only strengthen the students' dominant position, but also develop the goal of attaching importance to the individual differences of students. This is the key to the development of piano education in the future. Its teaching objectives and tutorials innovation are mainly showed in the following two aspects.

Innovation and Breakthrough of Piano Teaching Target

Firstly, the innovation of piano teaching target must be based on helping students to fully understand the knowledge of the piano under the premise, so as to help students to build a more complete system of piano knowledge framework. Secondly, by mobilizing students interest in learning, it can achieve an overall increase in learning initiative; Finally, it will constantly improve students 'emotional cognition and expression ability, which also has a certain promotion effect to enhance students' musical emotion perception. In the innovation process of piano teaching target, we should pay special attention to the cultivation of students' musical expressiveness, so that students can have independent and complete piano deduction ability, which is of great value to the realization of their personal professional development.

Innovation and Breakthrough of Piano Tutorial

The innovation of piano tutorial has some dependence on teaching materials, but the teaching materials only serve as the basis of teaching activities. In the process of innovation and breakthrough, teaching workers can try to compile the teaching materials, it can achieve the diversification of multimedia technology and piano tutorial integration through a certain courseware modification and innovation,, and then to achieve the innovation and breakthrough of the tutorial. During the process of innovation, teachers should recognize the value of multimedia piano teaching materials and realize the individual professional accomplishment and character's overall promotion by realizing students' initiative and letting students realize the ingenious combination of theory and practice in piano learning. In order to lay a solid foundation for becoming a qualified piano player, it also provides a complete teaching support system. From the perspective of individual development of teaching workers, the innovation and breakthrough of piano tutorial can also improve the teaching level of individuals, which has a certain impetus to the realization of personal career planning.

Conclusion

In summary, the multimedia technology in the piano teaching has higher value, and it can not only effectively promote the students' aesthetic awareness and aesthetic ability, but also enhance students' piano learning efficiency and enhance students' depth of understanding of the piano. Based on the current situation of application of multimedia technology in integration design in piano teaching, this paper also mainly analyzes the application structure and overall design of multimedia technology in piano teaching, and also makes a judgment on the innovation and breakthrough of multimedia piano teaching, and this paper also hopes to create conditions for smooth development of multimedia piano teaching.

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