Research on the Application of Preschool Music Education in Colleges and Universities Based on Network Information Technology

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Abstract. In order to improve the comprehensive quality of students, promote the all-round development of students, music teaching is an important content of teaching activities. Schools can use the Internet technology, improve the teaching content of music lessons, improve students' interest in learning music. This paper firstly explains the current situation of music education and the necessity of practical innovation in music education under the background of information age, and at the same time puts forward some strategies for the application of network information technology in preschool music education in colleges and universities for readers' reference.

Keywords: Network Information Technology, Music Education, Intelligent, Teaching Mode

1. Introduction
With the rapid development of information technology, the application of network information technology in preschool music education in colleges and universities is conducive to improving students' musical literacy, providing teachers with diversified teaching contents and methods, improving the overall music teaching level of schools, and laying a good foundation for students' future development. Therefore, the application of network information technology in preschool music education is an important way to conduct music education.

2. Current situation of music education in the information age
2.1. Lack of a correct understanding of the development of information technology, and the concept of teaching to be innovative
At present, because of the influence of exam-oriented education deeply, make a lot of colleges and universities music education under the background of information age, still with the backward education and the evaluation model is given priority to, not according to the relevant requirements of information age of education, giving full play to the advantages of the application of information technology, make music education work development in information age. In most schools, the method of infusion is adopted in music education. Teachers become the dominant leader in classroom teaching and fail to highlight the subjectivity of students' learning, thus making students have a weak sense of
classroom participation and low enthusiasm for participation in the learning background in the information age [1-2]. At the same time, some schools in music teaching, the teaching goal of information age, the lack of reasonable design, failed to use music education informatization mode and methods of cultivating students' innovation ability and the ability of music, to pay attention to the systemic theory content to the student training, in the development of music students information literacy and music skills are insufficient.

2.2. The teaching classroom is not intelligent enough

Under the background of information age, music education needs to construct intelligent teaching classroom and increase investment in various intelligent equipment and facilities, so as to continuously solve traditional classroom teaching problems and reduce teachers' educational and teaching work burden. At present, under the background of information age, music education still faces the problem of imperfect construction of intelligent teaching classroom system. In more school music education informationization to improve equipment investment, not according to the music education specialty and the characteristics of the education resources richness, perfect the corresponding music education facilities and equipment, for music education informatization equipment and allocation of resources is insufficient, and then make a lot of teachers for the utility ratio of information technology is low, there is no effective play music informationization teaching advantages, to promote music education digital and networked development. For example, the lack of computers and recording equipment greatly restricts and affects the progress of teaching, resulting in the decrease of music teaching efficiency (FIG. 1 music teaching is not intelligent enough).

![Figure 1. Music teaching is not intelligent enough](image)

2.3. Lack of effective innovative teaching mode

Under the background of information age, the practice innovation of music education is still confronted with the dilemma of lack of diversity of teaching methods. Teachers usually use the methods of infusion and teaching to let students understand the complex and diverse music education content and theoretical knowledge, but fail to combine the needs of students' practical learning ability to carry out diversified practical teaching activities and cultivate students' musical aesthetics. At the same time, to give students' speaking and participate in the review of opportunity is less, not with the method of grouping teaching and cooperative teaching, cultivating students' ability to communicate, at the same time, in combination with informationization teaching resources and technology to build music education teaching platform, as well as inadequacy, not by creating belongs to the class a way of information exchange platform, realize the music education teaching and students' network interaction. Fourth, carry out three-dimensional teaching practice activities, to cultivate students' practical ability to play a positive role and influence [3].

Under the background of information age, the disadvantages of traditional music teaching mode are gradually revealed, and the practical innovation of music education plays a positive role and influence in promoting the rapid development of music education [4]. In addition, it can combine the advantages of the information age to greatly enrich music education resources and innovate traditional education modes and concepts, etc. In the practice innovation of music education, teachers can combine the background characteristics of the information age, provide students with rich digital network resources,
and guide students to conduct music appreciation and music learning in the network environment by creating a good network education environment, so as to cultivate students' initiative and interest in learning. At the same time, the application of information technology, gradually break the traditional inherent learning way, students can combine the information of the platform and the learning environment, to explore learning and autonomous learning, and according to the intelligent network resources, the music video, text and other information for effective use, to expand students' learning and access to information channel, lets the student in the digital music learning, more intuitive understanding of the music education content, realize students' individualized learning and three-dimensional learning, lets the student in affectionately visual information and learning environment, strengthen the learning ability and innovation ability.

3. The advantages and values of music education under the background of informatization

3.1. Strengthen the integration of new media and music courses, so that students can get effective music teaching edification

In music course teaching, teachers should set up the idea of quality-oriented education, pay attention to the innovation of course teaching, strengthen the integration of multimedia and curriculum in music class design, and strengthen the effective integration of music with the help of multimedia Together, it promotes the continuous optimization and innovation of music course teaching resources (FIG. 2 intelligent music teaching classroom).

Figure 2. Intelligent music teaching classrooms

3.2. Innovate music teaching forms and improve infrastructure construction

In the music course teaching design of new media, teachers need to adhere to the principal position of students, with the help of effective curriculum form innovation, optimize the teaching design, and stimulate students' desire to explore and learn independently. To realize that music learning of junior middle school students, the interest is important, therefore, teachers should seize students interests, to promote students' effective build learning atmosphere, provide effective music learning environment for students, through the related multimedia equipment applications, there is more than the music to music classroom, singing, but also set pictures, video, animation, etc., as one of the courseware material, lets the student can really feel a variety of charm of music, music teaching with effective to train the students' music quality [5]. With the help of the information technology model, the teaching should be moderately innovative, so as to effectively promote the cultivation of students' creativity in music learning and promote the development and innovation of curriculum teaching (FIG. 3 intelligent piano).
3.3. Strengthen new media stimulation and cultivate appreciation ability
For junior middle school music curriculum teaching, teachers should have advanced curriculum design concept, grasp the application of advanced curriculum teaching technology, be able to skillfully make the application of media in music curriculum, adhere to student-oriented, give play to the positive role of multimedia technology in music teaching. Teachers should realize that in the junior high school music teaching, is a potential of music appreciation ability training, and most important, teachers must be good at creating effective learning in the teaching situation, with a more intuitive and changeable teaching content and form, and stimulate students deepen music appreciation and understanding ability, stimulate students' imagination and creativity, improve the students' inner music potential, through effective environment creation, lets the student in osmosis music accomplishment.

4. Strategies for application of Network Information Technology

4.1. Strengthen the integration of new media and music courses
In the junior middle school music curriculum teaching, teachers should build up the idea of quality education, pay attention to teaching innovation, in the music classroom, in the design of enhanced multimedia and curriculum integration, with the aid of multimedia forms of music and their effective combination, promote music teaching resources optimize innovation constantly, let the students shine at the moment, really can be effective in the design of multimedia courseware feel the charm of music, really like music lessons, course promotion.

For example, teachers collect relevant materials of folk music, national opera, local songs and dances, local Musical Instruments and so on before class, and present the corresponding contents in the music class, so as to improve the understanding of relevant culture and enhance the humanistic quality and cultural accumulation of students. In music teaching, to the specific characteristics of the age of the junior high school students use information technology to auxiliary teaching, strengthen the effective combination of music teaching and information technology, in the music classroom into poetry reading, music appreciation, simulation with singing, demonstration and other class activities, let students feel the beauty of music in the diversified forms of music, promote students better understand and perform. In such a classroom teaching, students can more active participation, promote classroom learning initiative and enthusiasm, improve their performance desire, let music students really become the cradle of music accomplishment promotion, promotion course informatization level, promote the development of education course, in this way can let students really fall in love with music, music edification, promote appreciation ability.

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stimulate students' desire to explore and learn independently. To realize that music learning of junior middle school students, the interest is important, therefore, teachers should seize students interests, to promote students' effective build learning atmosphere, provide effective music learning environment for students, through the related multimedia equipment applications, there is more than the music to music classroom, singing, but also set pictures, video, animation, etc., as one of the courseware material, lets the student can really feel a variety of charm of music, music teaching with effective to train the students' music quality. With the help of the information technology model, we can achieve appropriate innovation in teaching, so as to effectively promote the cultivation of students' music learning creativity and promote the development and innovation of curriculum teaching. In addition, schools and relevant education departments should also carry out in-depth analysis and discussion centering on the connotation, technical characteristics and basic characteristics of educational informatization, as well as the implementation of informatization in middle school music teaching. The important condition of educational informationization is the informationization of educational equipment. In the future, education will develop towards "intelligence + integration = unlimited innovation" [6]. The integration of music education with Internet, artificial intelligence, virtual reality and other technologies can not only realize the sharing of high-quality educational resources and promote educational equity, but also change the way of music education learning and make music education have an impact on more people. Informationization makes future music education develop towards individuation and innovation.

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5. Conclusion
To sum up, preschool music education in colleges and universities, through the use of network information technology, strengthens the integration of new media and music courses, innovates music teaching forms, strengthens the stimulation of new media, and effectively enhances students' interest in learning music, which is conducive to promoting students' subsequent innovation in music.

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