

Research on National Music Teaching Mode Based on Computer Platform

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Abstract. National music is the quintessence of Chinese traditional art. The artistic concept and humanistic aesthetics are of great significance to improve students' artistic quality and optimize the talent training system. However, in the environment of wisdom education, the traditional national music teaching model has been difficult to inspire students to understand and learn related music materials. Therefore, it is necessary to optimize the teaching ecology of national music by constructing an intelligent and three-dimensional national vocal music teaching mode based on the computer advantage platform. Based on the present situation of national music teaching, this paper puts forward a national music teaching mode based on computer platform.

Keywords: Computer platform, Folk music, Teaching mode, Applied research

The teaching of national music is very practical and different from other speculative subjects such as music aesthetics, both its theory and research methods are summarized by ethnomusicologists from their own and predecessors of a large number of field work and laboratory research. In every stage of the development of ethnomusicology, the application of science and technology has played an important role to some extent. Especially, the appearance of computer has a positive influence on the process of data collection, research, analysis and the prosperity and progress of musicology.

1 THE BACKGROUND OF NATIONAL MUSIC TEACHING BASED ON COMPUTER PLATFORM

National music has a long history. In the thousands of years of music practice, different ways of understanding have been accumulated and different forms of rhythm, mode and structure have been formed. Each nation in our country has its own unique form of songs, so we should find suitable national music to learn and enjoy, and emphasize the strong localization of songs as the main purpose of learning national music in colleges and universities. In the process of learning, we can improve students' national consciousness by feeling and studying national culture, catch their interest in national music, and strengthen their idea of learning national music. Through the choice of characteristics of national songs, the application of different singing style and rhythm, to reflect the broad and profound national music.

The application of media in the teaching of national music in colleges and universities can improve the updating of students' music knowledge, and can also increase the professional knowledge of academic front at any time in the teaching of music. In the course of teaching, students' sense of hearing and vision are increased, and their sense of feeling is enriched. In the process of national music teaching, the increase, deletion and modification of teaching contents all embody the convenience of the media. Therefore, it is easier for music teachers to make use of the media, bring into play a better teaching level, further exert the leading consciousness of music education, and improve and cultivate students' interest in national music, promoting the Reform and development of national music teaching. In addition, music teachers should pay attention to the characteristics of nationality and locality in music teaching, so as to increase students' interest in and understanding of national music.

There is still much room for improvement in Chinese traditional vocal music teaching. The combination of traditional vocal music teaching and internet teaching is a new teaching mode. The traditional vocal music teaching method is one-to-one teaching, which is greatly influenced by time and space, and the course price is also generally high. The degree of using Internet to study in Chinese national vocal music teaching is not high. There are many reasons for this phenomenon. On the one hand, the network curriculum lacks the effective supervisory mechanism, the study relies on the

student consciousness completely, has the very big uncertainty. The self-study ability of students restricts the height they can go to. On the other hand, because the teachers teach by means of recording and broadcasting lessons, they are not timely in providing feedback on problems, even if the way the live online course in order not to affect the progress of most students, but also can not be a large area of students to answer the question. In the traditional teaching mode, the teaching of national vocal music is mostly one-to-one, which is convenient for teachers to understand the characteristics of students more accurately and to cultivate them pertinently, however, the one-to-many teaching in the "Internet +" education mode makes some students unable to know themselves accurately and have no learning direction and enthusiasm.

2 THE CONSTRUCTION OF NATIONAL MUSIC TEACHING MODE BASED ON COMPUTER PLATFORM

With the wide use of "Internet plus", most people are looking forward to such courses. The internet-based teaching of Chinese national vocal music is a trend of future development, and the realization of online and offline dual-track three-dimensional teaching will also be the general trend, internet vocal music platform is a good choice to improve the level of vocal music and singing skills.

2.1 Sharing resources

Most of the construction of digital platforms for sharing teaching resources in China is to set up data and information sharing websites within the campus LAN after information integration, providing an account number for each student to view and download teaching courses and information is an inevitable requirement in the process of digitalization and informationization, to a certain extent, the quality of teaching resources will be greatly improved and the economic investment benefits will be enhanced. For example, Liu Yingjun pointed out in his 2017 article "Research on the construction of digital teaching resources based on the wechat public number platform" in Jiangsu Science and technology information that the use of mobile phone terminals now far exceeds the use of computer terminals, if the teaching resources are integrated into wechat's public accounts, and the compatibility of the optimized program is used to expand the user base, then the information can be used to the maximum, however, it is far from enough to share the resources of solfeggio and ear training in music education. In addition, it is necessary to work out a corresponding feedback mechanism, grade the students' learning situation and feed it back to the database for archiving, and to support the class results of the export, to the teachers also provide convenience.

2.2 Develop online courses

Solfeggio teaching has always been a traditional teaching model of three-point line or combination of point, line and surface. A piano, a teacher, a student or a group of students are the whole of teaching, all the sounds come from the piano. Digital teaching technology can integrate modern education technology, multimedia technology, through the internet transmission of teaching content, to provide network quality courses. Online courses, on the one hand, do not limit students' time in class, on the other hand, do not limit the teacher's teaching space, students can freely arrange to listen to the online course or listen to it repeatedly. Teachers can record and re-record the lessons until they are complete and then upload them to present students with a comprehensive picture of each lesson.

2.3 Online distance learning

Online distance teaching mode is not suitable for solfeggio and ear training, which is a course with more interaction between teachers and students. Therefore, there are few solfeggio and ear training courses in domestic online teaching, its mode is suitable for mature digital teaching. Theoretical courses such as English, politics, mathematics, music history, music appreciation and music theory, harmony, and musical form, if there are several courses in the new Oriental postgraduate entrance examination, such as the history of Western music, harmony and musical form, this course focuses on the study of theoretical knowledge, and there is not any pitch, sound quality, sound effects need to be collected in the network transmission process, then there is no audio signal transmission attenuation this link, because Solfeggio, acoustics and other courses rely on feedback to complete the teaching, so online teaching is not suitable for such courses.

2.4 Teaching software

Digital multimedia technology is the computer processing of information in the form of text, graphics, images, animation, video and audio, the logical connection of multi-media becomes a real-time and interactive system, and finally completes the teaching step by step through the path designed by the designer. The continuous development of computer multimedia technology and its widespread application in teaching have brought a significant revolution to music teaching, and the solfeggio teaching is no exception. Although the solfeggio teaching computer software has its advantages, but compared with the traditional teaching mode, there are still disadvantages, such as effective learning environment, subjective initiative is not strong objects.

3 THE NATIONAL MUSIC TEACHING STRATEGY BASED ON THE COMPUTER PLATFORM

3.1 The traditional teaching method and the computer platform teaching carry on the organic union, realizes the superiority complementation

The traditional national vocal music teaching and the education mode based on the computer platform are different, each has its own advantages and disadvantages. Traditional national vocal music teaching through teachers face-to-face knowledge of the way of teaching, with a high degree of controllability, clear goals and other advantages. However, because of the teacher's thought around the center, teaching mode is more rigid, which is not conducive to the personalized development of students. The center of computer platform teaching is students, who have the right to choose freely the time, place and content of study. However, the teaching mode of computer platform has a high degree of uncertainty. Students' self-consciousness and comprehension ability largely determine the effectiveness of this teaching mode. Facing this situation, we can combine the traditional national vocal music teaching and the computer platform teaching organically, and complement each other. The traditional national vocal music teaching is the main way, the computer platform teaching is the auxiliary way to help the student to study better. The traditional curriculum pays attention to the comprehensive utilization of knowledge, the network curriculum key practice skill promotion, the two kinds of teaching methods supplement each other, will be able to train the inheritor for the Chinese national vocal music better.

3.2 The computer platform integrates the education and the Internet deeply, promotes the national vocal music teaching quality enhancement

The traditional national vocal music mode has many limitations. Face-to-face teaching, although the teacher can answer the students' questions in time, however, due to the immobility of learning content, high cost, inflexible time and insufficient space, the traditional education model can not train students in a large scale. The Internet teaching mode is

the result of the deficiency of the traditional education mode. The teaching mode of computer platform, through uploading good audio or video, or even through network live broadcast, can carry on the knowledge imparting on a large scale. As the online course is not limited by time, the teacher can explain in detail the basic theoretical knowledge such as breath guidance, vocal introduction skills, which is convenient for students to play the basic skills. The Freedom of computer platform education mode is very high, students can choose the development direction and make the learning progress according to their own characteristics. However, this educational model also has its shortcomings. For students with strong self-control, this educational model facilitates their own better development, but for students with weak self-control, the effect and progress of learning will be greatly affected.

3.3 The combination of the traditional teaching mode and the computer platform puts forward higher requirements for the teaching ability of the teachers

In the traditional teaching mode of national vocal music, teachers only need to impart their thoughts and knowledge to students through the form of language, but the introduction of computer platform education mode puts forward higher requirements for teachers, first of all, teachers should have a certain understanding of computer use, know how to video and audio recording and uploading. Next, the teacher's lecture logic must have the obvious enhancement, under the situation which does not have the student feedback, carries on the knowledge instruction clearly and methodically. At the same time, attention should be paid to the organic combination of traditional teaching methods and computer platform teaching methods. Offline timely feedback to the students, in order to provide the basis for the next web-based course content. Generally speaking, the joining of computer platform education mode is a new challenge to teachers.

3.4 Based on the advantages of wisdom teaching, actively construct new classroom with integration and opening

The development of national music online education platform should not be the development of a single model, but also can be combined with the advantages of other models. For example, B2C Enterprises can refer to the O2O model offline cash model, develop a series of offline concerts, "face-to-face", offline master classes and other activities, online popularity will flow to offline, realize once again the flow of cash, but also for online courses to gather the popularity and expand the influence. In addition, B2C mode and O2O mode of the platform, can be implemented by professionals to teach class research and development, additional development platform area for users to upload personal video and other functions. This not only can guarantee the standardization of teaching content, but also can provide expanded platform resources through the resources of the majority of users. At the same time, it can also provide a social platform with the theme of folk music for the majority of folk music lovers, as a space for exchange and display, interaction and consultation. Social is one of the most important functions of internet media, and its combination with educational platforms will help attract users and increase their stickiness, which may lead to an explosion of traffic.

4 CONCLUSION

The combination of offline and online teaching has become a trend in art education. Offline traditional face-to-face teaching is familiar and easy for teachers to master, but how does online teaching fit in with offline teaching, or how to effectively carry out complete online vocal music teaching, for the teachers in the education philosophy, teaching methods, teaching skills, network application has put forward new challenges. The vocal music teaching mode based on the computer platform is a beneficial supplement to the traditional national vocal music teaching, and the traditional face-to-face teaching can not be replaced by the Internet teaching in a short time, face-to-face teaching is irreplaceable.

How to supplement and coordinate face-to-face teaching with internet teaching is a problem that needs further discussion in future research.

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