

Analysis on the Combination of Modern Educational Technology in Vocal Music Education Reform

Pengcheng Zhao

Yunnan Arts University, Kunming, Yunnan 650100, China

ABSTRACT. The wide application of science and technology, especially multimedia network digital technology in education has greatly promoted the development of higher education in China. However, there are still many disadvantages in the traditional vocal music teaching mode in colleges and universities, which can no longer meet the needs of students in all aspects of vocal music learning. The application scope of modern educational technology in college music teaching is gradually expanding and has become an indispensable tool for college teachers' teaching and students' autonomous learning. In the process of vocal music education in colleges and universities, we should keep up with the trend of the development of the times and combine the advanced modern educational technology with the vocal music teaching in colleges and universities effectively. This paper expounds the characteristics of vocal music education in colleges and universities, and puts forward the optimization strategy of modern education technology in the reform of vocal music education in colleges and universities.

KEYWORDS: Modern educational technology, Vocal music education, Education reform

1. Introduction

Modern educational technology uses modern educational theory and modern information technology to optimize teaching process and teaching resources through the design of teaching process and the integration, development, application, evaluation and management of teaching resources [1]. It is rather inefficient for colleges and universities to use the traditional teaching mode to teach music courses, which has seriously stifled the interest and enthusiasm of college students in learning music courses, especially for students majoring in music editing. It is undoubtedly an destruction of creative imagination [2]. In the field of music education in normal universities, traditional education and teaching modes have long been firmly established. Practice shows that under the impact of the development of modern educational technology, this system is now affected to varying degrees [3]. For traditional vocal music teaching, due to the particularity of vocal music subject, vocal music teaching has many limitations. Teachers can only make students master some basic concepts and theories through abstract vocal music knowledge [4]. At present, modern educational technology has been applied to music education in colleges and universities in China as a new type of teaching method. Although it has not been popularized yet, it has shown great effect in music teaching as a new type of teaching method [5].

The application scope of modern educational technology in the teaching of university music teaching is gradually expanding, and has become an indispensable tool for university teachers' teaching and self-study for college students [6]. Integrating modern educational technology into the modern music teaching model is very helpful to stimulate students' creativity and enthusiasm for music. The prerequisite for the technical reform of the music teaching model in colleges and universities is to build a multimedia computer music system, which is used in music teaching, lesson preparation and extracurricular music activities in colleges and universities [7]. The development of educational technology depends on the development of social science and technology and the technical development of professionals in the field of education. In recent years, with the rapid development of multimedia and information technology, communication engineering and network technology, modern educational technology has developed rapidly[8]. Based on this, this paper describes the characteristics of vocal education in colleges and universities, and puts forward the optimization strategy of modern educational technology in the reform of vocal education in colleges and universities. The use of modern educational technology and auxiliary technology equipment in the classroom can effectively combine the various links of music teaching with the expressions of sound, images, animation and other materials in modern educational technology materials to impart knowledge to students.

2. Problems Existing in the Application of Modern Educational Technology in Higher Education Reform

The older group of teachers in colleges and universities have the problem of resistance to the application of modern educational technology. On the one hand, older teachers are weaker than younger teachers in their ability to accept and learn new things. On the other hand, the concentrated expression of the old teachers is that the teaching concept under the long-term traditional teaching mode is deeply rooted. Vocal music collective class is the product of vocal music teaching reform in normal universities. According to this characteristic of vocal music collective class, we can improve the efficiency of vocal music collective class by means of multimedia technology in modern educational technology and classroom demonstration mode, which is divided into two methods: teaching presentation and simulation demonstration [9]. In terms of traditional teaching methods, harmony courses in music teaching in colleges and universities in our country are relatively single and conservative. Students can only memorize notes and melodies through teachers' piano demonstration. Such teaching methods are difficult to express the integrated color atmosphere inherent in harmony. The content of making teaching courseware is too fancy, and the effect of auxiliary content on visual effects is far greater than the knowledge transfer of the core content of classroom teaching. People-oriented teaching must pay attention to the needs of students. Only by combining classroom teaching with their needs can they be motivated to learn. Excessive reliance on the use of equipment and technology for teaching, without good interaction between teachers and students in the classroom, no matter how good the courseware is, it is difficult to achieve the real educational value of modern educational technology.

In music teaching, students' social development is mainly achieved through communication and cooperation. The communication and cooperation between students and teachers are conducive to the development of students' social. The interactive relationship of students' social development is shown in Figure 1.

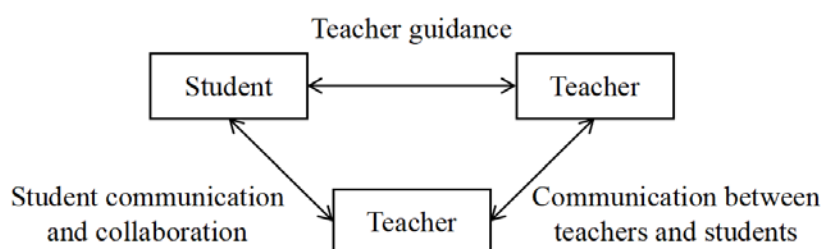


Fig.1 Interactive Relationship of Students' Social Development

The quality of a person is the basis of productivity. The quality determines a person's ability to create material and spiritual wealth. Through music quality education, students' physical quality, psychological quality, cultural quality, ideological quality, etc. can be cultivated and trained to become a person with comprehensive ability, thus developing students' creativity and innovative spirit. In the process of vocal music teaching in colleges and universities, the time in class is not enough to fully understand and master the contents learned. The preparation work before class is also very important. Combining with modern educational technology, the knowledge and relevant materials to be learned are fully prepared through the application of modern educational technology [10]. With the development of modern educational technology, students can communicate and consult with teachers anytime and anywhere through various ways. Students will encounter various doubts and problems in the preparation work before class. The popularization and popularization of computer music teaching methods are helpful to the improvement of the utilization rate of objective and subjective music resources in colleges and universities, and have a strong impact on the traditional music teaching mode inherent in colleges and universities. On the premise of clarifying the goal of vocal music teaching reform in normal universities, we should take strengthening quality education as the guiding ideology and try our best to explore the reform mode and overall optimization of vocal music teaching in normal universities.

3. Optimization Strategies of Modern Educational Technology in Higher Education Reform

3.1 Clarify the Goal of Vocal Music Teaching Reform

In the past, there were some deficiencies in the introduction of modern educational technology in schools, while the problems in the application of educational technology in the educational reform in colleges and universities are mainly concentrated on the two levels of teachers' teaching concepts and teachers' application ability. In vocal music teaching classes, there are usually vocal training activities before the singing of vocal music works. Students often feel boring and boring in the process of vocal training activities. Most of the time, they simply grasp the intonation and rhythm for the purpose of completing tasks. The times are developing. Any old thing that cannot adapt to the development of the times will be replaced by new things. The law of this development concept applies not only to things but also to people.

Without strategic thinking, only content with the status quo will be abandoned by the times and society. As a teacher, he undertakes the important task of training talents for the next generation of successors and builders of socialism in the future, which is related to the improvement of students' awareness of lifelong learning and their own information literacy, and will have a profound impact on students' adaptability and growth in the future information society. In the classroom, the network can be used to strengthen the guidance for students to learn music on film, television, radio and the network, and to guide students to learn music and obtain innovative learning results by using diversified information resources.

3.2 Teaching Mode and Overall Optimization

The reform of vocal music teaching guided by strengthening quality education is not a simple repair based on the original curriculum, but an overall optimization of vocal music teaching at a new starting point, using modern educational technology, reforming teaching methods, teaching contents and teaching methods, and emphasizing students' dominant position in teaching. There are abundant vocal music teaching resources on the Internet. Teachers should encourage and teach students to identify useful materials. In teaching, teachers should make proper use of modern educational technology according to the characteristics of the subject and teaching practice, make good teaching design, and mobilize students' various senses to experience music and feel music. Learning materials can vividly show the history and background reflected by the music, the objects presented in the music, and can also broaden the scope of activities, showing the huge space and micro-world things in front of students to be recognized, creating a broad time domain space for students [11]. Teachers can prepare some classic and excellent singing works and related explanation videos. During the explanation process of the teaching course, the specific situation of the teaching content will be interspersed and played, so that students can more clearly understand and more easily master the knowledge of the teaching content.

4. Conclusion

Science and technology are the first productive forces. The reason why modern educational technology can achieve the purpose of improving teaching effect mainly depends on the advanced and interactive nature of teaching media, which can stimulate students' interest in learning. With the deepening of vocal music teaching reform in normal colleges and universities, with the assistance of modern educational technology, vocal music teaching activities have achieved remarkable results. Modern educational technology represented by information technology has greatly expanded the capacity of music teaching, enriched teaching methods and resources, and optimized teaching structure. At the school level, it is necessary to strengthen the ability of school teaching management, improve teachers' ability to apply modern educational technology, and strengthen the training of school teachers. In the process of training practice, we should focus on the cultivation of teachers' self-learning ability and their sense of responsibility, encourage innovation and practice, and create a modern atmosphere. Now the development of education technology promotes the reform and development of vocal music teaching, which is helpful to break through the traditional vocal music teaching mode. When presenting the abstract and complex vocal music knowledge, it is more flexible, diverse and specific, and promotes the efficient development of vocal music education. Vocal music teachers should strengthen the flexible use of modern education technology, optimize and creatively use various network resources, apply modern education technology to pre class, classroom and extra-curricular teaching, and realize the organic integration of vocal music teaching and modern education technology.

References

- [1] Yang Li. On the application of modern educational technology in dance teaching in colleges and universities. *Journal of Chifeng University (Natural Science Edition)*, no. 19, pp. 205-207, 2016.
- [2] Wu Weijia. Modern education technology paves the way for my Chinese classroom. *Examination Weekly*, no. 3, pp. 37-38, 2018.
- [3] Gan Deyuan. The role of modern educational technology in mathematics teaching. *Urban Family Education Monthly*, no. 10, pp. 47-52, 2016.
- [4] Wang Jiaming. Using modern educational technology to rejuvenate the vitality of mathematics classroom. *Heilongjiang Education: Theory and Practice*, no. 11, pp. 87-88, 2016.
- [5] Wang Weiwei. The requirements of modern education technology on the quality of teachers. *Reading Digest*, no. 24, pp. 278-279, 2016.
- [6] Zhou Binghua. Adaptation of teacher role under modern educational technology. *Experiment and Equipment of*

Primary and Middle Schools, no. 3, pp. 37-38, 2015.

- [7] Peng Jiang. Application of modern educational technology in mathematics teaching in elementary schools. Scientific Consulting: Educational Research, no. 7, pp. 69-70, 2015.
- [8] Sun Xuesong. Using modern educational technology equipment for early childhood education and teaching. Chinese Youth, no. 19, pp. 248-249, 2016.
- [9] Liu Tianjun. The application of modern educational technology in physical education teaching. Stationery and Sport Supplies and Science and Technology, no. 16, pp. 79-80, 2015.
- [10] Sun Jun. Modern educational technology makes mathematics classrooms full of charm. Xueyuan, no. 2, pp. 7-8, 2019.
- [11] Wang Rui. The practical study of modern educational technology in the participation of advanced mathematics classrooms. Journal of Social Science of Jiamusi University, no. 4, pp. 182-183, 2019.