

The Use of New Media in Dance Teaching and Practical Exploration

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Abstract: *With the rapid development of network technology, multimedia technology has been popularized to all fields of society, also promoted the reform and development of dance teaching, the use of new media technology to participate in dance teaching and teaching practice, achieved good results in teaching, improve students' interest in learning. This article from the improvement of dance teaching content system, how to improve the quality of dance teaching, and finally to enhance the multimedia literacy of dance teachers, a comprehensive and profound analysis of today's dance teaching of new media application and practical ability.*

Keywords: *New Media, Dance Teaching, Application, Practice*

1. Introduction

With the rapid development of high technology, the application of multimedia technology has been popularized in all fields of social life. From industry, agriculture, military technology control to information management, from teaching practice, artistic creation to life and entertainment, multimedia is playing a more and more important role, involving more and more aspects, and in all walks of life have set off a wave of technological innovation and industry revolution. In the field of dance education, the application of multimedia technology in dance and practice teaching can greatly facilitate the teaching work of dance educators, and also can significantly improve the effect of education.

At present, multimedia technology as the carrier of video data, through the application in dance teaching, it has proved that it is very useful for basic dance training, combination formation, repertoire practice, especially in the appreciation of dance works is an indispensable part, showing a broad practical prospect. Therefore, the continuous research and development of multimedia technology in the future dance-education and teaching is bound to promote the whole dance teaching and achieve twice the result with half the effort. Of course, multimedia technology is only an auxiliary means for dance teaching, dance teachers in colleges and universities should try to improve the basic function of multimedia auxiliary teaching, and try to overcome its weaknesses and defects, so that multimedia technology can better serve teaching. [1]

2. Innovation of dance education

The link between dance and technology begins with dance teachers and researchers using video to record, interact, analyze and preserve dance of dance choreography. However, research related to the impact of technology on dance education is still in its infancy. There are so many applications of dance diversity today, and it's very innovative. Since 1968 in particular, choreographers and researchers have been applying digital technology to the teaching and creation of choreography, while more recently experts' interest has turned to the role of the Internet in combining choreography with virtual environments. The interactive multi-dimensional space is one of the most important and multi-dimensional applications of technology in the teaching of dance skills and styles.

Another topic of interest to dance researchers over the past decade has been the use of teleconferencing, distance education, and the internet for dance instruction. Modern society seeks flexible educational methods and practices to meet the needs of lifelong learning. The use of this method in dance instruction, while not as widespread as in other education programs, appears to be progressing, with a focus on university education. Many educational institutions and researchers have developed an internet learning managements system for dance teaching. This set of software teaching

tools provides the necessary media for the planning and presentation of dance courses, synchronous or asynchronous communication between teachers and students, performance evaluation and course management.

The study found that although contemporary technological media is substantially advanced and innovative, it has not yet been incorporated into daily learning practices in the classroom. Education workers trying to familiar with new technologies in order to blend in the classroom when encountered difficulties, purchase and install new software and its supporting system of the high product cost, a large part of students to the way of the new technology co, LTD, concern about the safety education to the use of these media, and some teachers fear that this teaching will hinder students to actively participate in the movement of physical exercises and experience what they teach skills.

The rational use of multimedia technology in dance teaching can improve the teaching effect with half the effort and twice the result. Then, how to rationally use multimedia technology in dance teaching?

3. Use new media to improve the content system of dance teaching materials.

3.1 Use new media to improve the content system of dance teaching materials.

Dance is a very practical course, and the content system of the textbook is the main carrier of dance teaching. In order to promote practical teaching effectively, the content system of dance textbook must be perfected scientifically. Before compiling the teaching contents, it is necessary to combine the needs of society for dance talents and the trends of international dance teaching. Then, it is necessary to select the teaching materials suitable for Chinese colleges' dance education teaching. With the advent of the new media era, college students no longer rely a classroom teaching for information acquisition and transmission. Therefore, when improving the content system of dance teaching materials, colleges and universities need to focus on the selected content and add self-learning content, which can not only meet the needs of students, but also improve their independent learning ability. Teachers should actively use new media technology to search video materials, news, pictures, text or website links related to dance teaching, so as to update their classroom teaching content and stimulate students' interest. [2]

The multimedia database can be composed of two parts: one is the off-campus teaching database, such as off-campus dance competitions, open dance classes and dance shows; the second is the campus teaching database, including various competitions, performances and teaching events. Schools should organize human and financial resources to collect and document the information and improve the multimedia database.

Fully grasp the multimedia technology, improve the efficiency of dance art learning and practical teaching, multimedia video materials introduced into the dance classroom, breaking through the single mode of teaching by example, saving time and improving learning efficiency. On the one hand, after the demonstration, the teacher can use the video data to make up for the loopholes and deficiencies in the demonstration process. On the other hand, students can make full use of their spare time by watching video materials. After intense training, students can review the learning content by watching video materials, which can restore their physical strength and solidify the knowledge points, so that the learning can be arranged in a scientific and reasonable way and the time period of mastering knowledge can be shortened.

3.2 The application of multimedia in dance class.

In the production of multimedia dance teaching courseware, commonly used software are Power point, Flash and 3D Max, Soft may new multimedia teaching courseware production software, the function is more powerful. No matter what kind of software teachers use to make dance teaching courseware, they must focus on the teaching theme, collect relevant pictures, texts, film and television materials and apply them reasonably, which should not only be able to fully express the teaching content, but also be full of good creativity. For example, in the teaching of the History of Chinese Dance, we will talk about the music and dance of the Tang Dynasty. It is difficult for students to understand and have little interest in this ancient dance culture, which is only explained in words and historical materials. We can collect murals, pictures and chime music related to Tang Dynasty music and dance, as well as contemporary choreographed dance works reflecting Tang Dynasty music and

dance, such as “Tang Dynasty Music and Dance” or “Big Dream Dun Huang”, and integrate these materials into the production of teaching courseware. In order to make the courseware creative and improve students’ interest in learning, teachers need to spend more time, attention and energy on research and production. [3]

In dance teaching in colleges and universities, the teacher should be good at using multimedia technology to create the teaching situation, the view sound functions of multimedia technology big, rich expression of dance teaching, develop students’ visual and auditory imagination the space and time, so that the students from the details of the dance of multi-channel, multi-angle perception to enhance the appeal of dancing art and shock. For example, when teaching the Spanish modern large-scale dance drama Carmen, the teacher plays the multimedia courseware while explaining, the students will more easily understand the protagonist’s rich character characteristics such as bright, fierce, brave and enthusiastic.

4. The application of new media technology to improve the effect of dance learning

The single use of any media information is difficult to achieve the best teaching effect, for example, if the teacher only shows words or pictures, it will inevitably make the teaching monotonous and boring. Therefore, teachers should make comprehensive use of multimedia technology and enrich multimedia teaching methods to achieve better teaching results.

4.1 Make comprehensive use of multimedia technology to promote students’ independent learning.

In dance teaching, multimedia technology is not a simple collection of various information media, but the picture, text, sound, image and other media information through the computer integrated processing and control, in order to achieve the purpose of assisting teaching and improving the learning environment. Use media on demand system to replace the tape recorder, combined sound electronic means such as accompaniment and performances, in preparing, class, practice class instead of piano and orchestra, to make the students get to dance by auditory rhythm, emotional understanding of the factors such as, to accelerate their understanding of dance style, promote learning, improve the teaching effect.

Through the multimedia on demand system to play excellent dance video teaching materials, so that students in the teacher’s face-to –face teaching on the basis of watching to get and accurate understanding. Through comparative study, students can improve the mastery level and independent learning ability of this kind of dance.

Play excellent dance works, expand students’ vision, make them feel the artistic charm of excellent dance works, learn from the creation method of excellent works, improve the ability of dance appreciation, analysis and creation. Through repeated playback of teaching videos, teachers give comments on the basis of self-evaluation, and teachers and students improve teaching together. Record dance teaching materials (such as combinations, programs, plays and courses), with retaining value for future teaching reference and research, through photography and video equipment.

4.2 Make teaching courseware with computer-aided teaching system to enrich teachers’ teaching methods and means.

With the help of multimedia technology to repeatedly figure out the essence of dance movement elements, the key points and difficulties of dance teaching are solved by repeatedly figure out movement elements. The works stored in the form of video data are constantly played back, refined and frozen through multimedia technology, so that the specific dance forms constantly appear in the vision of students, which is convenient for students to remember, figure out and capture the basic elements of the dance. Video data can be used to capture the “classic moment” at any time. Multimedia technology is like a demonstration who does not know fatigue. It can endlessly and accurately repeat the same movement, so that students can repeatedly figure out the elements of the movement until they master and truly appreciate the essence and essence of the dance movement. [4]

Students’ dance basic skills training, skill training, blanket exercise, repertoire teaching queue change, stage orientation scheduling can be made into teaching courseware, and supplemented with necessary technical key explanation and graphics, these will be clearly and completely displayed, students can learn at a glance, relaxed and interesting.

Courseware can also highlight the key content of teaching so that students can master the key knowledge. Courseware not only condenses teaching content, but also covers more teaching information, so that students can get more relevant knowledge. For example, when the teacher explains a certain dance movement, the students can first watch a short video, so that the students have a preliminary understanding of the standard dance movements; Then the teacher will demonstrate the dance in person, so that the students can see the dance closely; After that, the teacher uses the form of graphic media to show the details of the dance movements, and then matches the text description to promote the students to understand the details of the movements in depth. This teaching process from short video, to the teacher's personal demonstration, and then to the graphic display can realize the transition from the whole to the details, which helps students to truly understand and master the dance movements. [5]

4.3 For example, take the ballet class.

Multimedia production is the last stage of ballet classroom dance teaching project, that is, product forming stage. Therefore, there are two main purpose of our production:

4.3.1 Technical realization of dance teaching function.

That is, through the powerful function of multimedia and various carrier forms, the ballet class becomes a perfect teaching courseware.

4.3.2 Create a unique artistic atmosphere for dance. By integrating 3D, composition, sound, video and other media elements, the project will be elevated to a higher artistic realm.

As a complete multimedia work, building a clear overall structure is the first need to finish, as shown in the picture below:

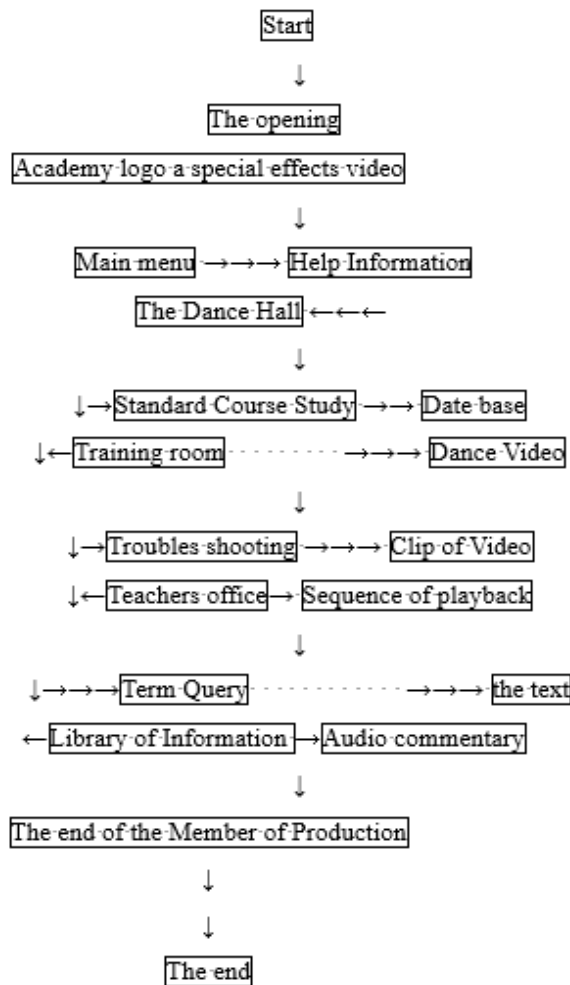


Figure 1: Multimedia structure

According to the process, the whole work can be divided into:

- a) The opening part.
- b) Main content. In this section, readers learn and browse all kinds of information.
- c) The end.

The main content can be divided into five parts according to the function.

- a) Main menu, setting the scene as the hall. It acts as a connection to other scenes.
- b) Standard course learning, setting the scene as the practice room.
- c) Trouble shooting. The scene is set as the teacher's office.
- d) Term query, setting the scene as archive.
- e) Help information.

In the practice room, readers can follow the course layout, watch demonstrations, learn from the teacher or practice the course content themselves. It also provides perfect auxiliary functions, such as full screen, local magnification, speed adjustment, free choice of action, etc., which help readers to learn better.

In the library, readers can easily look up the French alphabetical order of standard ballet movements, find corresponding explanations, and speed up their learning by comparing with demonstration videos.

In the teacher's office, readers can choose the common questions they are concerned about, and the teacher will emphasize the essentials of the relevant movements and the learning and training methods in detail.

5. Conclusions

Only when the hardware and software of multimedia technology are well combined can the unique advantages of auxiliary teaching be fully displayed. Therefore, in the teaching of dance courses, universities should develop diversified teaching software, introduce rich and appropriate teaching software, and create a technical platform for the processing, editing and development of dance teaching software. At the same time, training dance teachers, so that they master certain computer technology, so that the use of multimedia technology in teaching handy.

The promotional value of the results:

5.1 It innovate the course teaching mode and has reference value for the enrichment of the teaching means of the compulsory courses of college dance education.

The immersion teaching mode is creatively introduced, which integrates knowledge learning into practice, enriches the teaching methods, and gives students a fresh breath with strong response. In terms of learning enthusiasm, knowledge mastery procedures, and teaching participation, the classroom teaching behavior efficiency has been significantly improved.

5.2 The effective combination of knowledge learning and participation in social and cultural production. It has reference value for the course teaching of similar disciplines and specialties.

Guided by the promotion of students' ability formation, the complete teaching-practice chain is designed to form a closed loop of students' ability improvement training, which highlights the promotion of practical ability and strengthens students' awareness and ability to participate in social and cultural production. Some students' personal works have reached an unexpected artistic height. It has a positive reference value for talent training and teaching of similar disciplines and specialties.

In a word, advanced science and technology have come to us, and will open a new world for our dance art teaching. Only by respecting science, making use of it and developing it, and gradually adjusting and forming a perfect advanced teaching model, can we cultivate artistic talents suitable for the needs of today's society.

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