

Research on the Reform of Network Teaching of College Music Courses under the Background of Big Data Era

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Abstract: The music teaching mode of colleges and universities should adapt to the requirements of the era of big data. Teachers should study the teaching rules of the network age in the music teaching of colleges and universities. In the music teaching mode of colleges and universities, it is necessary to form a new network teaching mode. The author based on his own experience on the human voice. The edition of the music states the exploration of music teaching reform, in order to provide relevant people with a cashier test.

1. Introduction

The “Music” course is a course that studies the connotation of music and the beauty of art. Through the study of this course, students will master the basic knowledge of music, understand the principles of data communication [1], familiar with some popular melody of music, understand the basic concepts of music courses, master the erection of various music network services through experiments, and train students to have simple The lyrics creation ability will lay the foundation for those who are engaged in the music industry in the future. The main content of the course includes music basics and music architecture [2].

2. The Concept of Big Data and Its Advantages

The so-called big data refers to massive data, which usually means a huge amount of data that cannot be processed and processed by manual or simple tools in a short time, and generally refers to valuable real massive data. With the continuous advancement of information technology, the direction of music sources has been doubling. Nowadays, big data can be processed and analyzed quickly and efficiently. Especially with the development of cloud computing, cloud computing technology can be used well [3]. The analysis of the advantages of storing and processing large amounts of data can enable teachers to better understand students, and thus choose the teaching methods, teaching methods and evaluation programs suitable for students. The network teaching support platform, this support is based on Web teaching functions, and the network teaching is complete. The features, advanced technology, very flexible to use, and a safe and stable system. Thereby improving the effectiveness of music teaching.

3. A Sound Teaching System

When carrying out the teaching of sound courses, practice teaching places to ensure the effective improvement of teaching quality, and arrange practical tasks based on the different levels of students' learning. The goal of training is backward in the era of big data. With the universal application of multimedia, the training objectives of online courses in some colleges and universities have not been formulated according to the demand for music talents in the era of big data, which makes the goal of talent development difficult to be the same as big data. The demand for music-related posts in the era is consistent [4].

3.1. The teaching content is relatively lagging

Big data and multimedia technology are changing with each passing day, and the update speed is

very fast. Some music courses in some colleges still use old music textbooks, which are difficult to adapt to the needs of the big data era, so it is difficult to cultivate the music-related talents that truly meet the needs of the big data era. Learners, control and management of learning, as well as help and guidance are the responsibilities of teachers in the learning process. Organizing student learning activities and determining student learning tasks are the direction in which teachers should guide students. In the teaching process, teachers are helpers [5]. And facilitators to help students use cognitive tools correctly and to promote students' comprehensive skills. The network teaching has the function of file export and import and the function of multimedia webpage to perform specific editing according to the different needs of students. The syllabus of learning can also be customized according to the learning materials, and the knowledge points of teaching can be shared in the platform system. The teaching goal can be retrieved in the webpage to realize the direction of the content that the student prepares in advance. Has standard resource classification and metadata classification. And materials for advanced search and quick search in different ways, such as classification, media type and more. Therefore, we should promptly grasp the characteristics of the era of big numbers, keep up with the pace of technological progress in the era of big data, reorganize teaching content according to the needs of music teaching on the basis of big data, and timely increase new knowledge points related to music, and broaden the horizons of college students. Encourage college students to learn music, so they can appropriately increase the practical content related to music networks [6].

3.2. Teacher resources need to be improved

At present, the teachers of music courses in some universities have a very good grasp of traditional music knowledge, but they are not very good at grasping the emerging big data and multimedia technology, which leads to the teaching content biased towards traditional obsolete music knowledge and lack of big data related content. Therefore, it is difficult to cultivate music-related talents that meet the needs of the era of big data. It is the construction of teachers that the music curriculum can continue to work normally. As the main body of the construction faculty, the music curriculum teacher can only make the course go smoothly even if the content of the new teaching resources is added continuously, and the main content of the course is the teaching resources generated in the teaching process, so it needs to be improved. The teaching force of the school's music curriculum teaching.

4. Clear Training Objectives

In the process of improving the teaching system, it is first necessary to set a specific teaching goal. By reasonably determining the teaching goal, the student development can be more comprehensive, and the network skills can be fully grasped. Usually, different jobs have different technical requirements, and schools can rationalize the learning field according to different course modules.

There are certain differences. For the music course, the students first need to fully grasp the knowledge of the music foundation, and then in order to realize the effective expansion of their knowledge range, they need to carry out professional training in music singing and so on to a certain extent.

4.1. Strategies for the reform of music curriculum in colleges and universities in the era of big data

In the era of big data, the teaching of music courses in colleges and universities should be based on the background of the great teachings, according to the needs of the talents of the great education according to the era, to develop the goal of talent training, so that the trained talents can adapt to the needs of big data music related jobs.

In the era of big data, the selection of teaching content of college music courses should be based on the background of the data, reorganizing the teaching content according to the requirements of music talents in the era of big data, and updating the old and useless network theory knowledge in

time.

4.2. Refinement theory development practice

In the era of big data, colleges and universities should expand their practice according to the demand for music talents in the era of big data, which is embodied in the following aspects: 1 Remove traditional, obsolete and useless network theory knowledge.2 Select network theory knowledge related to big data technology.3 Increase investment and build a first-class music practice teaching platform, so that students can conduct online practice online at any time, thereby enhancing the network practice ability of college students.

5. New Learning Method of College Music in the Age of Big Data

According to the learning characteristics of different music. Using the network information learning environment, never designing music teaching problems, learning the music environment, not only classroom teaching, but also practical teaching in the family and society. Network information technology, as a university teacher must be flexible, when setting up music problems, music teachers should be set up in the perspective of sustainable development and multiple answers, thus guiding students to explore music continuously. It is necessary to use a variety of learning methods of learning music to carry out the teaching of students' music, from focusing on music courseware to music teaching and learning system. "Life-centered" teaching methods to learn music courses, the connotation of music has changed in the context of big data, the tacit knowledge of music, explicit knowledge and music skills should be valued in music training, music feelings. Instead of music memory, the creativity of music activities replaces the results of music activities, and the teaching process guidance is an important part of teaching implementation. It is also an important teaching support service. It controls the teaching process well. Grasping the content of learning is the main purpose of achieving the teaching goal. The central position is the student, and the leading role is the teacher, which emphasizes the teaching process. The degree of understanding of the students' knowledge of music should be paid even if the teachers are concerned, and the students should be mobilized in time for the enthusiasm of the students. The resource management of teaching activity organization and teaching courses requires the support of the platform. The functions of the network teaching platform need to be customized by relevant parties. With the theme of "research, inquiry, and collaborative learning", teaching activities should organize such teaching activities in a timely manner. At the same time, when organizing similar activities, it should be carried out according to the needs of teaching. The following are the main types of learning music:

5.1. Practical experience learning music

"Musical instruments, music performances, music appreciation, singing and learning" are all ways of practical experience learning. Music cell teachers who influence students can use their own musical attitudes, musical emotions and musical behaviors to enable students to comprehend. Use network information to learn music pronunciation, music characters, and get the feeling and practical ability of music.

5.2. Resource learning music

Use music resources to learn music, so as to enhance the various abilities of music. In music learning, you can use instruments to sing. At the same time, you can participate in concerts to enrich your feelings about music. Various music creation software, etc.

5.3. Research-based learning music

When students are exploring music, teachers can ask questions and give tasks to let students study the hidden knowledge of music. In the era of big data, music education technology provides search information software and music distribution software for music research learning.

5.4. Collaborative learning music

This type of music learning is the interaction, communication and cooperation between teachers and students. Social software should not make full use of the structure of learning organizations to be successful. It reflects the team spirit of learning music. With the support of computer network and modern communication tools, music has unlimited time, unlimited learning areas, and even collaborative music learning activities across schools, regions and countries.

5.5. Online inquiry learning music

The music learning method of Internet resources is inquiry-based learning, which uses online music resources and other disciplinary resources to explore music, so as to obtain new knowledge and research conclusions of their own music creation.

6. Conclusion

All in all, through a sound teaching system, clear training objectives, reforming teaching models, and improving teaching methods can ensure that colleges and universities further realize people-oriented in the development of music curriculum, so that they can better meet the development requirements of the big data era, and thus promote China to a certain extent the development of music education and teaching.

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