

# *Research on the Combination of Modern Educational Technology and Pipa Performance Teaching*

**Rong Rong**

*Philippine Christian University, Manila, Philippines  
rongrong102323@163.com*

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**Abstract:** With the continuous development of science and technology, modern educational technology is more and more used by teachers in classroom teaching. In the teaching of pipa music, pipa music, the teacher guides the students to learn the pipa music teaching and pipa music teaching, so as to cultivate the students' pipa art and pipa music accomplishment. As an important part of China's excellent traditional culture, pipa embodies the wisdom and civilization of human beings, and plays an important role in the world stage with its unique charm and tune. Based on the perspective of modern education combined with pipa performance teaching, this paper discusses better teaching methods and means for students, the necessity of using modern technology, explores the shortcomings of modern educational technology in pipa teaching at the present stage, and puts forward targeted training suggestions.

Modern education technology has the advantage of traditional teaching, he can stimulate the students' interest in learning, make them feel the meaning of teaching content and interest, encourage students to actively explore knowledge, deepen classroom knowledge impression, and under the will of active learning, cultivate students' good pipa music accomplishment and enrich students' field of vision. As the practitioner and inheritors of pipa performance teaching, it is natural to pay attention to the research of pipa performance teaching, especially the application teaching of modern educational technology, in order to provide some prisons for front-line educators and play a corresponding enlightenment and reference role.

## **1. The importance of using modern educational technology in the teaching classroom of pipa performance**

The classroom teaching using modern educational technology to play the pipa (the instrument pipa as shown in Figure 1) has changed the traditional teaching mode from the teachers as the main body of the classroom to the students as the main body. Traditionally, teachers are the core of classroom education, which only consider the indoctrination of teachers' teaching knowledge without paying attention to the absorption of students. Such a teaching mode has a negative impact on the cultivation of students' core literacy and the stimulation of students' active learning willingness. For example, when learning the theme of House of Flying Daggers (as shown in Figure 2: House of Flying Daggers), students' interest and innovation ability are stimulated maximum

through modern educational technology. This theme is mainly to guide students to feel the excellent and classic national pipa music in China, and through watching historical videos, to understand and learn the content and style of the music, so as to fully show the history with the pipa music. Popularize the basic knowledge of this pipa song for the students [1].



Figure 1: Pipa

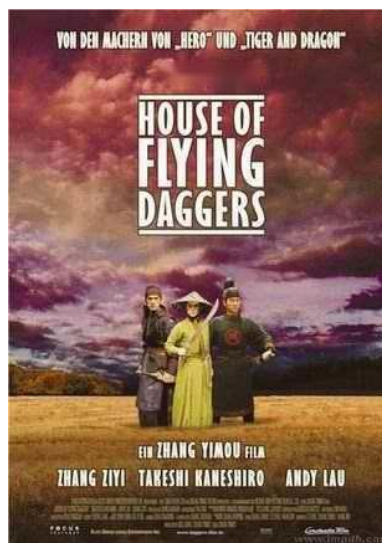


Figure 2: House of Flying Daggers

With the help of modern educational technology, students intuitively enjoy the wonderful interpretation of pipa music. Through the intuitive form, the students in the real and vivid teaching situation, compared with the traditional classroom teacher teaching effect is self-evident. This intuitive effect not only effectively stimulates students' image thinking and innovative thinking, so that students can more actively participate in learning, and further stimulate their passion and desire for learning.

Secondly, modern educational technology can be used to expand the teaching content and promote students' all-round development ability. Students can promote their aesthetic ability in class, and teachers can effectively explore [2] on the teaching content of pipa music in class. And the application of modern multimedia technology teaching can change the dominant position of teachers in the classroom, the use of modern education technology for classroom teaching provides new teaching methods and content, added fun for students' learning and to stimulate students'

interest and innovation ability, can also enhance classroom participation, enhance classroom communication between teachers and students, students and students, students actively participate in the teaching is an important standard to verify the effectiveness of the classroom. Therefore, teachers need to rely on modern educational technology to explore the image, emotional melody, artistic conception and style of pipa music, so as to provide students with rich classroom teaching experience. The core function of pipa music is to edify the sentiment of [3]. The aesthetic ability of pipa music needs to rely on the continuous accumulation of culture, including the background of pipa music works, the language of pipa music and its own musical foundation. In daily teaching, we strive to expand the teaching content, guide students to constantly feel the artistic beauty of pipa music, so as to play and cultivate students' aesthetic ability.

Finally, through the creation of learning situation, the main goal of pipa music teaching is the situation education of pipa performance, which can stimulate students with a strong sense of identity to pipa music. Teachers can use situational teaching method to create diversified learning situations for students, such as life situation, problem situation, music situation, etc., as shown in Figure 3. To encourage students to learn in different situations. Different learning experiences in different situations. The situational education method under the modern teaching methods can reflect the content of the songs to the greatest extent. When the students have a deep understanding of pipa music, the teacher can use modern teaching methods to perform the teaching situation, as shown in Figure 4, placing the students in the song situation. Through education, we can break through the limitations of time and space, stimulate students' imagination, and enable students with a higher level and broader vision to obtain the sense of achievement and aesthetics of pipa music. The pipa classroom situation can better express the intuitive emotion of pipa music and create a good classroom atmosphere. It is conducive to the students' understanding of the works and is the main means to break through the teaching. Teachers guide students to correctly understand the relationship between the situation and the teaching content, and strengthen the teaching effect of pipa music. Using modern educational technology to deduce pipa music teaching, give full play to the efficiency of pipa music classroom [4]. Therefore, in the actual teaching process, music teachers should constantly improve their ability to use modern educational technology, and flexibly apply modern educational technology to pipa music class, so as to make pipa music class more rich and interesting.

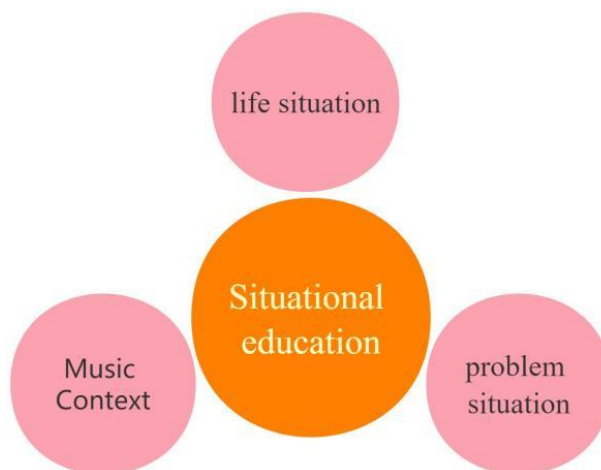


Figure 3: Situational teaching method



Figure 4: Pipa playing scene

## 2. The influencing factors of using modern educational technology in pipa playing teaching

### 2.1 Some teachers lack in-depth research on modern educational technology

At present, most schools can keep up with the pace of The Times, and actively equip teachers with a variety of modern information teaching equipment, to promote the construction and development of modern information education mode. However, in the actual teaching, the construction and development of some modern information education mode is still not smooth. The main reason is that some teachers lack in-depth research on modern educational technology, which leads to the lack of modern information education ability, and then affects the application effect of modern information education model <sup>[5]</sup>. For example, although some teachers use modern educational technology to carry out classroom teaching, they do not conduct in-depth research on modern educational technology, which leads to modern classroom information education becoming a mere formality, and it is difficult to realize and play its due value. There are also some teachers who simply introduced some modern educational technology, but lack innovation and exploration spirit. This will make it difficult to continuously improve the level of classroom modernization, which is not conducive to the continuous improvement of teaching quality.

### 2.2 Lack of cognition of special teaching

At present, some teachers' understanding of pipa performance teaching still remains in the teaching of basic ability. They cannot clearly understand the connotation of the special teaching. Due to the general performance skills training, after achieving the set goals, they still stay in the same place and did not transfer to the special training teaching in time, resulting in the internal potential of students learning pipa music cannot be explored, resulting in the education lag <sup>[6]</sup>. In practical education, teachers are used to showing their talents but not showing their strength. Such a teaching method only solves the problem of students' basic pipa instrument accomplishment, but does not improve students' professional knowledge, which seriously hinders the improvement of students' pipa performance level.

### 2.3 Teaching form is a single development of education

Most teachers focus on curriculum materials, "step by step" and "stylized", and "instill" pipa knowledge in students according to the pipa teaching syllabus. Therefore, when the teachers choose the teaching content and organize the teaching activities, the purpose of exam-oriented teaching is very strong. Under the guidance of the existing teaching tasks, the teaching content is single, which leads to the students' understanding of pipa art is still on the shallow level, only know "Introduction

to pipa performance" and "pipa music daily" [7]. Apart from these commonly used textbooks, students have little spontaneous contact and exploration of pipa art. Although these course textbooks can meet the basic learning needs of students, the single and outdated content will also lead to students' inability to independently perceive the beauty of pipa art, and have little interest in the aesthetic understanding of pipa art. As time passes, students 'learning pipa in this teaching mode is not only prone to resist, but also may affect the development of students' comprehensive quality and form a negative learning cycle mode, which is not conducive to the all-round development of students. The teacher is the only understanding and skill source of the pipa, and is the education mode of a master leading an apprentice. In this mode, learners can only follow the footsteps of the teacher, mechanically practice and imitate, no personality at all, the learning of pipa is therefore difficult and form an embarrassing situation.

## **2.4 Teaching methods are stylized**

Teachers continue to use the traditional teaching organization form, and make the pipa teaching stylized and mechanized, which leads to the increasingly distant relationship between teachers and students, and it is difficult for teachers to understand and master the real learning and practice situation of students. In this way, students are not willing to open their hearts to teachers, and teachers will ignore the changes in students' learning psychology, and only organize teaching activities according to the syllabus. When students play pipa music, they can neither vividly express their own thoughts and emotions, nor can they realize the shortcomings of their own performance, and it is difficult to improve their aesthetic consciousness. Based on this, if the pipa teachers lack the situation creation in the pipa performance teaching, and cannot give scientific guidance to the students in the playing process, the students' inner playing emotion and aesthetic perception will plummet, and both the students and the teachers will be powerless. Eventually, the students lost their enthusiasm for learning the pipa.

## **3. The Construction Strategy of the Teaching Mode of Pipa Performance in the Environment of Modern Educational Technology**

In order to improve the rigid and monotonous teaching state presented by the traditional classroom, teachers should actively introduce modern educational technology and build a new teaching mode. Specifically, teachers can start from the following aspects to build a new model of classroom teaching.

### **3.1 Construct the pre-class preview and guidance teaching mode**

Under the traditional teaching mode, some teachers do not pay attention to the pre-class preview link, and do not pay attention to guide students to understand the key points and difficult points of the new course through the pre-class preview, which makes it difficult for students to master. In order to change this situation, in the modern educational technology environment, teachers can use the network technology to help students before class, introduce the homework preview method, and assign students the homework before the start of the new class, so that students can independently learn the knowledge content of the new class through completing the preview. Pre-class homework to prepare for the formal course homework. Teachers can use homework design software to assign pre-class homework to students. The content of the homework before class should fully attract the students' attention, and let the students take the initiative to complete it. Therefore, teachers must correctly understand the role of information technology in pre-class homework design, and collect relevant teaching resources as much as possible combined with the teaching content, and then use

these teaching resources to design reasonable pre-class homework <sup>[8]</sup> for students. In addition, the teacher assigned before class homework must help students learn new knowledge, in order to accelerate the speed of students to master new knowledge. At present, there are not only various kinds of knowledge contents of each subject, but also have a certain degree of learning difficulty, which puts forward higher requirements for students' thinking ability and understanding ability. Therefore, teachers need to rely more on modern educational technology to guide students to carry out pre-class preview scientifically. Complete learning tasks efficiently and achieve learning goals in pre-class learning.

### 3.2 Regular training for teachers in modern educational technology operation

In order to improve teachers' practical ability to use modern educational technology, on the one hand, schools can regularly organize teachers to attend relevant training courses and take regular examinations. Through relevant training courses, teachers can use modern educational technology to reasonably organize classroom teaching, optimize classroom teaching forms, improve teaching methods, use modern educational technology to plan and design teaching content, and realize the good combination of modern educational technology and classroom teaching. On the other hand, schools can organize various forms of activities, such as demonstration classes, open classes, quality courses, etc., to stimulate teachers to consciously and actively learn and use modern educational technology to organize classroom teaching <sup>[9]</sup>, as shown in Figure 5. Or regularly organize teachers to exchange modern educational technology experience, so that everyone can learn from each other, and jointly improve the overall level of the application of modern educational technology in classroom teaching. In the environment of modern educational technology, technical operation training is carried out for teachers to create art teaching situations for students by using music, art and other art elements, and to create art teaching situations with the help of art elements. So that students in the artistic edification while quickly into the situation, explore and learn the knowledge contained in it. For example, in the teaching of music and other art courses, teachers can create teaching situations with the help of art elements, as shown in Figure 6, so that students can relax in the corresponding artistic atmosphere and improve their aesthetic ability.

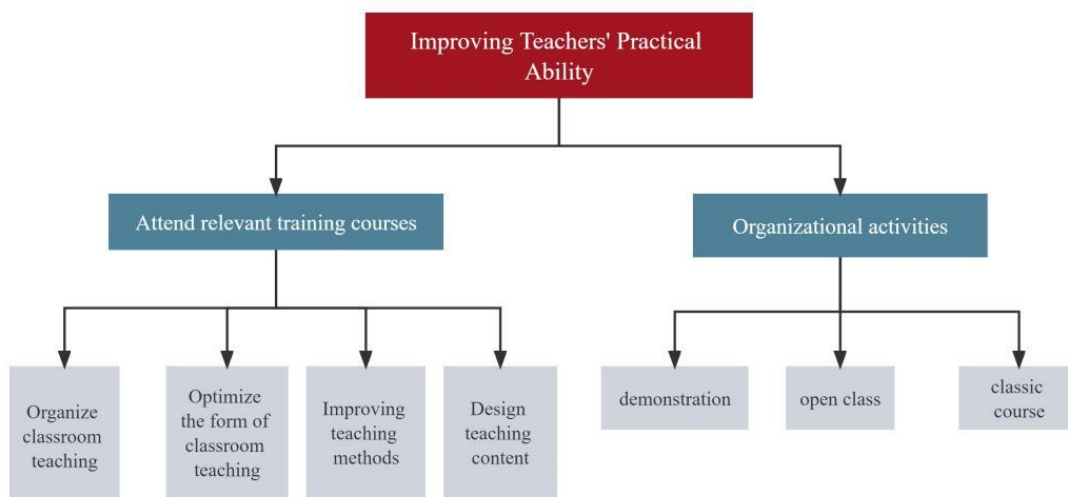


Figure 5: Improve the practical ability of teachers to use modern educational technology



Figure 6: Pipa performance integrating the artistic elements of Hanfu

### 3.3 Pre-class preview guidance with the help of flipped classroom teaching method

In the environment of modern educational technology, teachers can introduce the flipped classroom teaching method, construct the pre-class preview guidance teaching mode with information characteristics, and guide students to understand the key points and difficulties of the new curriculum before learning the new curriculum, so as to lay a solid foundation for the study of formal courses. The introduction of flipped classroom teaching method by teachers can not only make up for the deficiency of traditional teaching process, fully respect the subject position of students, but also promote students to independently learn new knowledge, consolidate old knowledge, expand and deep learning, build deep learning environment and breadth of knowledge, and lay a good foundation for formal courses <sup>[10]</sup>. Create problem situations or realistic situations with a flipped classroom. In the environment of modern educational technology, teachers can carry out teaching by creating problem situations or life situations for the more difficult knowledge content. Specifically, teachers can use multimedia equipment to present different forms of teaching materials such as text, pictures, audio and video to students in the form of flipped classroom, guide students to think and ask questions, and enter the corresponding situation for inquiry learning. Teachers can also use multimedia equipment to present the life-oriented teaching materials in front of students, to help students understand knowledge, digest knowledge from their own life experience, and apply these knowledge to life.

### 3.4 Construct a multiple situational teaching mode

Context creation teaching method is a new teaching method that can create vivid teaching situation. Teachers can use the creation situation teaching method to create diversified learning situations for students, such as life situation, problem situation, music situation, etc., to encourage students to learn in different situations. In daily learning, students are easily bored with complex learning, which leads to the decline of learning enthusiasm and learning efficiency, and the learning effect is not ideal. Context teaching method can make students better perceive the knowledge content and understand the knowledge connotation in the vivid context atmosphere, so as to effectively achieve the learning goal and improve the learning effect.(1) Create teaching situations with the help of the situation map in the textbook. In the environment of modern educational technology, teachers can present situational maps to students with the help of multimedia equipment, and allow students to enter the corresponding situation to learn. For example, there are many situational maps in the textbook, and most situational maps contain some important information. Teachers can use these situation maps to create learning situations for students, guide students to find out the problems involved in the situation diagram, and actively start to think about problems,

which can help students effectively understand and internalize the corresponding knowledge.(2) Create dynamic teaching situations with audio or video. In the modern educational technology environment, teachers can use multimedia equipment to play audio or video for students, so that students can enter the dynamic teaching situation and start learning <sup>[11]</sup>. In classroom teaching, teachers can use audio and video to create dynamic learning situations for students, fully attract students' attention, and let students experience knowledge personally, so as to effectively improve their learning ability and learning efficiency.

#### 4. Conclusion

In a word, in order to truly realize the combination of modern educational technology and pipa playing teaching, relevant educational institutions and educational researchers have conducted active research on it, and the teaching of pipa playing has also been further developed. Modern educational technology can provide good conditions for teachers to create new teaching modes. Therefore, in the teaching of pipa performance, teachers should rely on the advantages of modern educational technology, build a scientific and efficient teaching mode, and examine the teaching of pipa performance from a more detailed and micro perspective, so as to improve some deficiencies and timely supplement and perfect them. Only in this way can it give full play to its role in the teaching of pipa playing and truly achieve the effect of optimizing modern educational technology and the teaching of pipa playing.

#### References

- [1] Li Zixuan. *Thoughts on aesthetic Cultivation in pipa Teaching* [J]. *Journal of Gansu Normal University*, 2023, 28 (01): 139-142.
- [2] Chen Yongxiang. *The effective application of modern educational technology in pipa music teaching in junior middle school* [J]. *Knowledge Guide*, 2021, (46): 91-93.
- [3] Yang Jing. *Analysis of mixed teaching methods of primary school pipa music integrated with modern educational technology* [J]. *Examination questions and Research*, 2021, (22): 103-104.
- [4] Xu Kui, Li Tianjiao. *The presentation of aesthetic style in university pipa playing and teaching* [J]. *Contemporary Pipa Music*, 2021, (06): 7-9.
- [5] Sun Qingling. *Application practice of Modern Educational Technology in pipa Music Teaching in Junior Middle School* [J]. *New Course*, 2021, (21): 156.
- [6] Yi Xin. *The significance of inner hearing in pipa teaching* [J]. *Journal of Anyang Institute of Technology*, 2021, 20 (03): 98-100.
- [7] Chen Yimei. *Aesthetic cultivation of timbre in pipa playing teaching—Take the traditional pipa repertoire as an example* [J]. *Yi Hai*, 2020, (11): 46-49.
- [8] Ta Na. *Summary of pipa playing skills and teaching Experience—Review of Pipa Playing and Teaching (2nd edition)* [J]. *China Journal of Education*, 2020, (11): 143.
- [9] Ta Na. *Cultivation of students' aesthetic Ability in college pipa teaching* [J]. *Art Review*, 2020, (17): 90-92.
- [10] He Xian. *Application of modern educational technology in pipa music classroom* [J]. *Examination and Evaluation*, 2020, (09): 52.
- [11] Xu Yang. *Utility analysis of modern educational technology in pipa music Teaching* [J]. *Elementary School Science (Teacher Edition)*, 2020, (01): 119.