

## Research on the Collective Subject Teaching of Piano

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**Abstract:** The collective piano lesson is a teaching mode which integrates traditional piano teaching, modern science and technology and the form of collective lesson. The collective piano lesson teaching has aroused the attention of professional musicians at home and abroad and started to research and implement. In the new environment of ordinary colleges and universities, the collective piano lesson has been given a new mission. There are more and more students majoring in music education, but the teaching resources are limited, which directly restricts the normal development of piano teaching activities. In order to solve this problem, the piano collective teaching mode is a more effective method. Due to the short-term development of the piano group teaching, a unified syllabus has not yet been formed, and teacher teaching still has subjectivity and arbitrariness. This paper analyzes the current situation of the teaching objects and teaching modes of ordinary piano group lessons through interviews and other methods. Then, they conduct research and exploration one by one, in order to provide effective suggestions for the teaching of piano group in ordinary colleges and universities.

### 1. Introduction

For a long time, the traditional one-to-one teaching mode has been adopted in China's piano teaching in colleges and universities [1]. Collective piano course teaching mode is put forward, changed the traditional piano teaching concept, enables a teacher in a class of time also guide the students to the piano learning [2]. The practice of the piano teaching model, not only to the teachers' practical demonstration link put forward higher request, also make a simultaneous theory explanation and the actual operation of advantage, to improve the efficiency of piano teaching has a certain significance. Collective piano lessons have been widely recognized in western developed countries [3]. Piano collective courses have been offered in Berthay Conservatory of Kansas, Eastman Conservatory of Music in Rochester, Indiana University and Michigan University [4]. The collective piano lesson is a new piano teaching mode derived from the background of the new era. It is quite different from the traditional one-to-one piano teaching mode [5]. The collective piano lesson requires a teacher to give guidance to many students at the same time in the prescribed classroom. In short, it is a one-to-many new piano teaching method.

In the practice of piano teaching reform, the "one-to-one" individual class teaching method of the old system is replaced by the collective class teaching method, which makes the piano teachers no longer face the individual entity with personality in the form of individual activity -- that is, individual, but a group that combines together and restricts each other in a specific way [6]. This group is a special type of "group", called "collective" [7]. The teaching method of piano collective class is characterized by novel and original textbooks, reasonable and rigorous outline, extensive and comprehensive contents, and strengthened the internal horizontal connection with other music courses (music theory, solfeggio and ear training, harmony, musical form, polyphony and piano accompaniment). It breaks the traditional mode of piano teaching, which can only be taught individually, and creates a new form of integrated classroom teaching that allows several students to listen, practice, play and review together [8]. In the actual working process, it is found that, on the one hand, collective piano lessons can urge teachers to pay more attention to the actual demonstration link, and closely link theoretical explanation with practical operation, which is conducive to improving the overall teaching efficiency [9]. On the other hand, under the one-to-many teaching mode, teachers can discover and summarize the places where students feel

learning difficulties in time, and then make targeted counseling. From another point of view, students can also improve their self-learning ability in a subtle way [10].

## 2. Materials and Methods

Piano collective course is a teaching mode which integrates traditional piano teaching, modern science and technology and the form of collective course. It is a new keyboard learning course developed by the combination of traditional piano teaching and modern science and technology. Unlike the one-to-one teaching mode of primary lessons, piano collective lessons emphasize the systematicness and integrity of teaching. Under the background of the new era, the class of piano collective lesson should give full play to students' subjective initiative, liberate themselves from the past teaching errors of cramming, carefully observe students' interest in learning, find a breakthrough point in teaching, and select the most acceptable teaching methods for students. Because of the one-to-many teaching mode, teachers' teaching enthusiasm is more easily stimulated when facing many students, and students can learn more knowledge in a harmonious atmosphere. The modern piano group class is different from the traditional piano learning method, and also different from the general piano group small class. Its appearance is based on two important foundations: 1. Modern high technology (computer technology, photoelectric technology, digital processing technology), audio sampling technology), it can be said that electronic musical instruments not represented by electronic digital pianos (which can be compared with traditional pianos in terms of timbre, touch keys, sound control, and pedals) are unlikely to produce piano group lessons in the current sense. 2. People's understanding and understanding of the mutual penetration of music basic education and piano education-Music learning can be carried out by means of piano. This is a more comprehensive and advanced form of music learning than singing. Its teaching mode is shown in Figure 1.

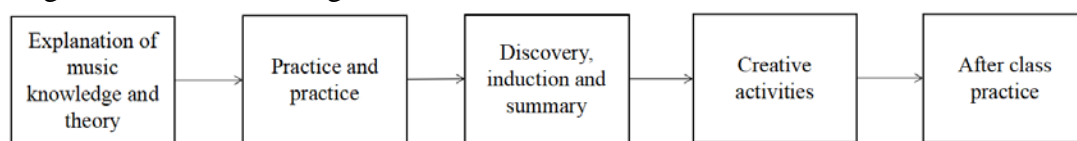


Fig.1. Teaching mode

People know and understand the relationship between music education and piano education. Music learning can be realized with the help of piano, which is a more advanced and more comprehensive form of music learning. With the cooperation of music knowledge learning, piano skill training can deepen students' understanding of works and improve learning efficiency. In order to learn piano playing as the basic purpose, music theory, solfeggio and ear training, harmony arrangement, simple composition, impromptu accompaniment, etc. And through the learning of keyboard playing, let the students master the basic skills and methods of piano playing, at the same time consolidate the other music basic knowledge, make the theoretical learning and practice combined with each other, promote each other, in order to strengthen the training of students' music quality and comprehensive cultivation of ability. A group piano lesson is taught in a music classroom by one student. Students wear headphones to play without interference. They can not only hear the teacher's explanation, but also see the teacher's playing and demonstration through the TV screen. Teachers can observe the students' playing practice through TV monitoring equipment on the platform. They can also patrol the classroom, insert their own earphones into the students' switchboard, check the students' playing and give guidance without affecting other students' practice. The electronic control equipment can organize the students, and the students in the group can practise repetition. Teachers can not only observe the students' playing practice on the platform, but also patrol the classroom, insert their own earphones into the students' piano, check the students' playing, and give guidance without affecting other students' practice.

### 3. Results

In the class of piano collective class, the teaching process mainly has three stages. The first stage of collective return to class. Collective return to class is not to let the students play in unison, but alternately use the way of playing in unison, wheel, solo, relay, group competition, etc., to strengthen the group effect of collective class, active classroom atmosphere, mobilize the interest and attention of all students, so that every student has something to do at any time. The second stage teaches new lessons. According to the predetermined teaching plan, teachers will teach performance theories, techniques and methods as well as expand relevant music knowledge step by step and with emphasis. After the teacher explains, asks each student on the spot to practice and the practice on the piano, and gives the instruction and corrects the mistake. The third stage is joint operation. After each new lesson, teachers should summarize and evaluate the teaching process and analyze and summarize the situation of students' return to class. After-class homework should be arranged uniformly, homework requirements should be clearly prompted, errors and problems that often occur should be warned beforehand, key points and difficulties should be clearly explained and guided, and simple playing demonstrations should be made so that students can have a general understanding of homework. We can think that piano collective course is a comprehensive piano music course consisting of keyboard learning, basic training, sight-seeing exercises, Etudes and music, ensemble exercises and creative activities. It mainly teaches the basic knowledge and skills of piano playing. It trains all the students and develops their creative music writing ability, which is conducive to improving the quality of music education in an all-round way. However, in terms of understanding effect, there are significant differences between urban and rural areas and remote areas. See Table 1 and Figure 2 for details.

Table 1 Findings

	Chi square	Test level average
Cities and towns	53.61	<0.02
Rural and remote areas	53.68	<0.02

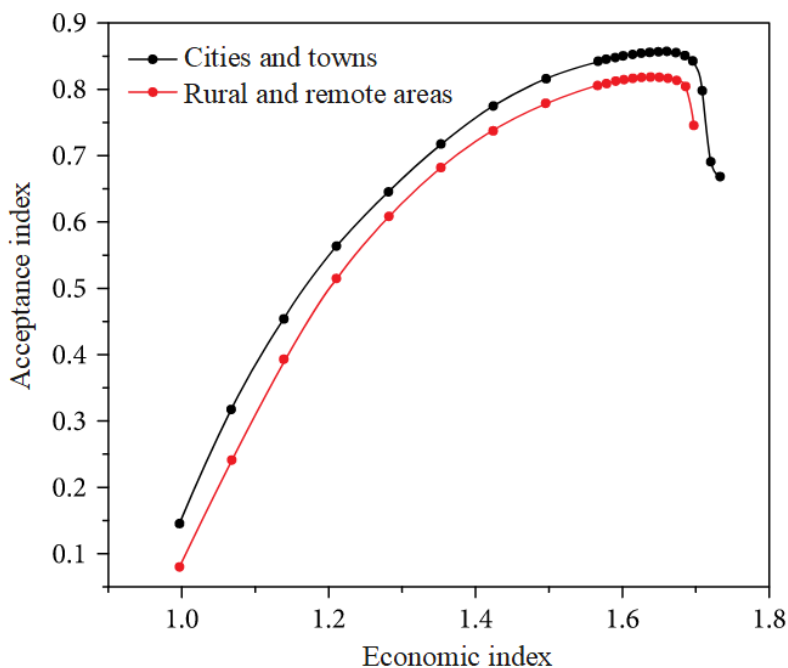


Fig.2. Shows the results

The goal of the piano group class is to enable students to master correct and scientific piano playing methods, and to learn a variety of musical knowledge related to the keyboard, including music theory, music, and acoustics, based on the learning of piano playing techniques. To enable

students to learn more about the music culture through the piano in the piano group class, and improve the students' aesthetic appreciation ability. As a piano group class participating in the curriculum, it is not only responsible for letting ordinary students master certain piano playing skills, but more importantly, through the carrier of the piano, the goal of improving students' aesthetics is finally achieved. Aesthetic quality is one of the basic qualities necessary for talents in the new era. Aesthetic quality includes healthy aesthetic sense, good aesthetic taste, and correct aesthetic standards. For students, the improvement of aesthetic quality not only plays a very important role in improving their personality, cultural accomplishment and civilization, but also promotes the improvement of their professional learning quality. The piano collective lesson should regard the esthetic education as an important part of the teaching activity. The aesthetic education is consciously integrated into the curriculum, and the potential aesthetic factors in the curriculum content are constantly excavated. The skills, skills and aesthetic education in the music curriculum are combined to make students learn music professional knowledge in an atmosphere full of music beauty. The improvement of students' comprehensive aesthetic quality is bound to promote the improvement of music aesthetic ability and learning quality.

Piano collective lesson is the latest development of music education. It is not only an effective means of piano learning courses in junior and middle schools, but also the most ideal way to impart music knowledge. It should be pointed out that collective piano lessons not only deepen our understanding of music education, but also challenge the knowledge and ability of music teachers. It mainly teaches the basic knowledge and skills of piano playing, and organically infiltrates the basic knowledge of vocal music, music theory, keyboard harmony, accompaniment and other music into the whole process of piano teaching, so that students can obtain hearing, memory and vision. The comprehensive training of music literacy such as spectrum, sight-seeing, improvisation and creation, and the development of students' creative musical thinking and music writing ability are conducive to comprehensively improving the quality of music education.

#### 4. Conclusion

Practice over the years has shown that the teaching of piano collective course is successful, and the introduction and promotion of piano collective course, a modern music education method, is in line with the development direction of music education in normal schools in China. At the same time, it also deepens our understanding of music: 1. Music is an indispensable link to train all students' physical and mental quality and promote intellectual development; 2. Music basic education should pay more attention to the cultivation of musical sense and creativity; 3. Modern piano collective course is an indispensable means of music education. It not only promotes and accelerates the development of music education, promotes the reform of teacher education, and has a positive and important significance in updating educational concepts. Compared with the traditional one-on-one piano teaching mode, the teaching advantages of piano group lessons are more obvious, but also There are certain drawbacks. Therefore, when implementing the group teaching mode, we should be aware of the shortcomings of the group class, adopt a positive attitude, use scientific teaching methods, and strive to improve the deficiencies, so that the advantages of group teaching can be fully realized.

#### References

- [1] Gholson M L, Wilkes C E. (Mis) Taken Identities: Reclaiming Identities of the “Collective Black” in Mathematics Education Research through an Exercise in Black Specificity [J]. *Review of Research in Education*, 2017, 41(1):228-252.
- [2] Daniel R, Bowden J. The intermediate piano stage: exploring teacher perspectives and insights [J]. *British Journal of Music Education*, 2013, 30(02):245-260.
- [3] Nikolayev. The Teaching of Music [J]. *University of Toronto Quarterly*, 1958, 28(1):53-64.
- [4] Pike, P. D. The differences between novice and expert group-piano teaching strategies: A case

study and comparison of beginning group piano classes [J]. *International Journal of Music Education*, 2014, 32(2):213-227.

[5] Stavrou E, N. Fostering musical creativity in pre-service teacher education: Challenges and possibilities [J]. *International Journal of Music Education*, 2013, 31(1):35-52.

[6] Bannan N. Music, Play and Darwin's Children: Pedagogical Reflections of and on the Ontogeny/Phylogeny Relationship.[J]. *International Journal of Music Education*, 2014, 32(1): 98-118.

[7] Ketovuori, M. With the eye and the ear--analytical and intuitive approaches in piano playing by Finnish teacher candidates [J]. *International Journal of Music Education*, 2015, 33(2):133-145.

[8] Yazici T. A Study of Developing Attitude Scale for Piano Teaching.[J]. *Educational Research & Reviews*, 2016, 11(7):358-370.

[9] Ketovuori, M. With the eye and the ear--analytical and intuitive approaches in piano playing by Finnish teacher candidates [J]. *International Journal of Music Education*, 2015, 33(2):133-145.

[10] Agnes N, Piano V, Lumini, Michèle, et al. Valorisation des activités infirmières au sein d'une structure de prise en charge de la douleur chronique[J]. *Douleurs : Evaluation - Diagnostic - Traitement*, 2015, 16(1):38-45.