

Creating Exercise Book for Piano Teaching for Piano Beginners at Primary Grade 3 In Jinansunshine 100 Elementary School In Shandong Province, The People's Republic of China

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ABSTRACT

The objectives of this research were: 1) to study piano teaching methods from experts for piano beginners, 2) to create a piano exercise book for beginners, 3) to experiment with teaching by using the piano exercise book, and 4) to evaluate the efficiency of teaching using the piano exercise book for beginners. The methodology employed a mixed-methods approach, combining qualitative and quantitative research. The qualitative research was conducted by interviewing three key informants. The quantitative research involved teaching experiments using the piano exercise book. The population consisted of 150 Grade 3 students at Jinan Sunshine 100 Elementary School in Shandong Province, People's Republic of China, comprising 72 boys and 78 girls. The sample group included 10 students selected through purposive sampling.

The research findings were as follows: 1) The study provided significant insights from experts regarding piano teaching methods for beginners. 2) A piano exercise book for beginners was successfully created. 3) The experimental research using the exercise book included 15 lessons. 4) Students' scores in the three examinations were 47.9, 51.65, and 58.2, with corresponding percentage scores of 68.35%, 73.81%, and 91.5%, respectively. The results demonstrated a gradual improvement in the students' performance across the three examinations. The final examination

scores exceeded the target, reaching 91.5%, which proved that the piano exercise book was highly effective and achieved very good results.

Keywords: 🕈

Piano beginners, Elementary school.

Introduction

The course of piano art for hundreds of years can be said to be accompanied by the development of human civilization. Now in many economically developed countries in the world, piano has become the preferred instrument for children's music education. On the one hand, the piano itself has incomparable rich expressiveness. On the other hand, the results of long-term research by scientists show that learning the piano is the most effective way to develop the right brain and children's intelligence.

Piano teaching is a relatively complex activity in music education. It should follow both the general laws in human education and the special laws in music education. This particularity determines that academic research on piano teaching must have its own unique methods. The academic research of piano teaching is a cognitive activity that aims to explore the rules of piano teaching by adopting scientific research methods in a planned way under the guidance of scientific and systematic theories. In the piano teaching and research activities, we should follow the academic principles of objectivity, development, education, and systematisms, adhere to the development path of integrating theory with practice and promoting teaching through scientific research, so that the piano teaching and research activities can be carried out smoothly.

At present, most primary school music classroom teaching in China still focuses on singing. The emergence of these phenomena will not only greatly reduce students' interest in music learning, but also reduce the quality and level of music teaching. Due to the limited teaching resources and most schools do not pay attention to the importance of music, the traditional and old teaching concepts directly affect the effective process of music classroom teaching in primary schools.

As a piano teacher, I hope to use piano teaching to replace simple singing learning in music class, cultivate students' innovation and practical ability, and actively guide students to participate in music practice activities. And it can use teaching materials scientifically and reasonably, strengthen the use training of teaching materials, and improve the processing ability of music teachers to teaching materials, so as to realize the organic integration of teaching materials and students' actual life and improve the use efficiency of teaching materials.

Research Objectives

- 1) To study piano teaching method from experts for piano beginners.
 - 2) To Create piano exercise book for beginners.
- 3) To experiment teaching by using the piano exercise book.
- 4) To find out the efficiency of teaching by using piano exercise book for beginners.

Conceptual framework

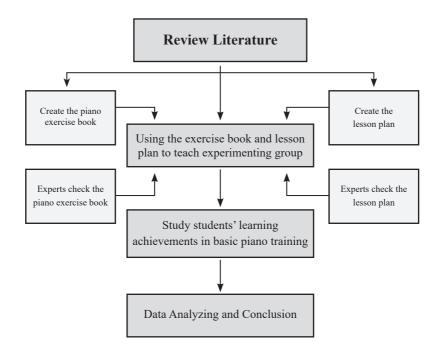


Figure 1 Research Conceptual Framework

Research Method

The methodology was mixed research between qualitative research and quantitative research. The population was 150 Grade 3 students at Jinan Sunshine 100 elementary school in Shandong Province, People Republic of China. There are 72 boys and 78 girls. The samples used in the research are 10 students selected by purposive sampling.

The research tools are: 1) The piano exercise book compiled by researcher, 2) Lesson plans for 15 piano teaching lessons, 3) Evaluation criteria to measure the achievement on piano teaching.

The place of work is Jinan Sunshine 100 elementary school in Shandong Province, People Republic of China. The researcher will apply for the piano course for 10 piano beginners at grade 3 of piano performance in 2022 academic year. The researcher will use the evaluation standard in the feasibility evaluation table of student performance evaluation standard in the 2022 semester.

Processes of working

- 1) Review the related literature and relevant papers about "The good piano exercise book". In addition, the concept of research designs, development of teaching psychology, and learning activities.
- 2) The analysis of interview with three experts. The experts must meet the following standards: teaching in the College of Music, having a doctor's degree in piano performance, and having at least 8 years of piano teaching experience.

The Information of three Experts:

- 1. Hou Kangwei, doctoral degree, professor in Shandong University, teaching experience more than 30 years.
- 2. Ji Yuting, doctoral degree, professor in Shandong Normal University, teaching experience 8 years.
- 3. Lin Peilei, doctoral degree, professor in Jinan University, teaching experience 10 years.

- 3) Learning management plan of Piano Teaching for primary grade 3 at Jinan Sunshine 100 Elementary School in Shandong Province in China. Study content in the curriculum, academic achievement, satisfaction theory and related research.
- 4) Schedule of teaching based on content and concepts from the curriculum,1 unit of study, 30 hours.
- 5) After 15 lessons are finished, the summative test will be given to the students.
 - 6) Collect, analyze teaching data and conclusion.



Figure 2: researcher is giving the test to students of experimental group

Source: Min Xiomin

Data analyzing

Carry out data management and analysis as follows:

- 1) Study the learning achievement of learners using teaching method and using percentage, mean and standard deviation.
- 2) Compare learning achievement using teaching method after studying using parameter-based statistics (Parametric) using the test.
- 3) Study student satisfaction using teaching method and mean (\overline{x}) and standard deviation (S.D.).

If the score +1 means that the examination of the purpose/content is sure.

If the score 0 means unsure.

If the score-1 means non-compliant/not direct/that content.

Result of experimentation

Table 1 Evaluation results (T1/T2/T3)

Test	Test1	Test2	Test3
Average score (70)	47.9	51.65	58.2
Percentage (100)	68.35	73.81	91.5

We can see that the average scores of the students in the three examinations are 47.9/51.65/58.2 and the percentage scores are 68.35/73.81/91.5 respectively. It is a process for the students to learn the piano exercises, and the scores of the three examinations increase step by step. The results of the third final

examination exceeded the target score reached 91.5, which proved that the elementary piano exercise was effective, and the ideal experimental results were obtained.

The research finding

The research findings were: 1) Study a lot from experts about piano teaching method for beginners, 2) To Create piano exercise book for beginner, 3) The experimental research conducted by using exercise book consists of 15 lessons, 4) Students in the three examinations are 47.9/51.65/58.2 and the percentage scores are 68.35/73.81/91.5 respectively. It is a process for the students to learn the piano exercises, and the scores of the three examinations increase step by step. The results of the third final examination exceeded the target score reached 91.5, which proved that the elementary piano exercise was effective in very good condition.

Discussion

The development of piano exercise book includes some appropriate contents: lesson plans, learning activities, learning materials and evaluation. The construction process of this exercise book includes focus group interview, trial and partial evaluation of this book.

The result shows that the students are very satisfied with this zero basis piano exercise book. This can be explained as the piano exercise book has been evaluated by experts, and the excavated exercise book is of high quality, appropriate content and suitable for students. The instructions in the exercise book are also arranged succinctly, which can help students enter the right path smoothly. The introduction of music theory and learning is skillfully combined.

Suggestions

This research has made some suggestions: The compilation of zero basis piano exercise books is an important part of the development of piano education, which should be given enough attention. The position and role of the beginner foundation piano exercise book in learning and education, the systematic ness of the organizational form and the scientific of the advanced arrangement must conform to the students' psychological characteristics, cognitive rules and cognitive abilities. These directly affect children's enthusiasm for learning and long-term progress of learning activities.

When compiling the initial exercise book, "learning from activities" should be the teaching purpose, that is, integrating game elements into it, so as to cultivate children's independent display ability, stimulate their learning thinking, and improve their interest in exploration and learning.

In the future, if anyone wants to continue this kind of research, he can experiment with any other student group, such as students in other grades, other schools and other provinces, so as to understand the teaching efficiency of this book before making conclusions. "Teaching for piano beginners" is good for widely teaching in China.

Reference

- Bian Meng. (1996). The Formation and Development of Chinese Piano Culture. Huale Publishing House.
- Cheng Zheng. (2002). Research on Several Problems of Chinese Piano Music Creation in the First Half of the 20th Century. Journal of Fujian Normal University.
- Huang Dagang. (2007). Zhou Guangren's Piano Teaching Art. Central Conservatory of Music Press.
- Qin Chuan. (2012). Research on the Five Degree Relationship between Chinese Piano Music Creation and Performance. Tongji University Press.
- Sun Jinan. (2000). *The Chronicle of the History of Music Education* in Modern China (1840-1989). Shandong Friendship Publishing House.
- Yoshiko Ino. (1990). How to Teach the Piano. Chunqiu Corporation.
- Zhang Xuliang. (2009). *Piano Energy Performance Method.* Anhui People's Publishing House.
- Zhou Haihong. (2004). *Music and the World of Performance*. Central Conservatory of Music Press.