

The Specific Application of Flipped Classroom Model in Children's Guzheng Teaching

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Abstract: The application of flipped classroom model in children's guzheng teaching is an innovative teaching method, which can improve students' active learning ability and learning effect. Through case study and empirical research, this paper explores the rationality of the flipped classroom model in children's guzheng teaching, the design and organization of teaching activities as well as students' feedback and evaluation of this model. The results of the study show that the flipped classroom model can stimulate students' interest in learning and improve their cooperative and problem-solving abilities. However, the model also has the limitations of increased learning burden, distinct independent learning ability of students and the need for parental support. Therefore, the adoption of the flipped classroom model in children's guzheng teaching needs to balance the advantages and limitations and provide corresponding appropriate guidance and support.

Keywords: Flipped classroom model; Children; Guzheng teaching; Application

1. The specific ways of applying the flipped classroom model in children's guzheng teaching

1.1 Preview the content of the new lesson

Teachers can provide students with online learning resources, such as teaching videos, audio demonstrations and so on. Students can preview before the lesson by reading music and watching relevant videos, which can help them better understand playing skills and music knowledge of guzheng. They can learn repeatedly in their own time and at their own pace. Repeated learning can help improve students' understanding and application of the content of new guzheng lessons.

1.2 Classroom interaction

In class, teachers can organize students to perform and comment on each other to promote interaction and cooperation among students. Through cooperation with peers, students can better master guzheng playing skills and develop teamwork and communication skills.

1.3 Assessment and feedback

In the flipped classroom model, teachers can assess students' learning through the classroom review^[2]. Timely feedback and suggestions can be given according to students' performance, which can help students correct their mistakes and improve their playing skills.

1.4 Individualized instruction

The flipped classroom model allows teachers more time and opportunity for individualized instruction in the classroom. Teachers can provide students with targeted instruction based on their own level of understanding and performance to help them improve their performance ability. The flipped classroom model can play an active role in children's guzheng teaching. It can stimulate students' learning interest and motivation, improve their learning effect and independent learning ability^[1]. At the same time, the flipped classroom model can also promote interaction and cooperation among students and cultivate their teamwork and communication skills.

2. Implementation steps and assessment methods of the flipped classroom model in

children's guzheng teaching

2.1 Design the teaching content

According to the characteristics and the needs of children's guzheng teaching, teachers should combine the concept of flipped classroom mode with design the teaching content, including teaching objectives, teaching syllabus, teaching resources and so on. The teaching content should include both traditional face-to-face teaching and learning resources based on the online platform to meet the needs of students in different learning environments.

2.2 Provide teaching resources

Build an online platform suitable for children's guzheng teaching, including a course management system, a learning material sharing platform, an interactive communication platform and so on. The online platform should have a good user interface and user experience to facilitate students' learning and interaction.

2.3 The learning of students

Through the online platform or relevant electronic resources, students preview relevant knowledge before class, including guzheng playing skills, relevant music theories and so on. In class, students can interact with the teachers, solve problems and do some practices. After class, students submit their assignment, discuss and give feedback through the online platform.

2.4 The guidance of the teachers

The role of teachers in the flipped classroom model is a guide and counselor. Teachers should prepare the teaching content in advance and guide students to discuss and practice in class. Teachers should also give students timely feedback and guidance to help them solve problems.

2.5 The assessment methods

Assessment of students' learning effect: assessment of the students' learning effect under the flipped classroom mode, including the degree of mastering knowledge, the ability of applying skills and creative thinking. The assessment methods can be online quizzes, homework grading, practical performance evaluation and so on.

2.6 The assessment of teaching process

The assessment of the teaching process of teachers in the flipped classroom mode should include the rationality of teaching design, the effectiveness of teaching organization and the quality of teacher guidance. The assessment methods can be a record of observation, the analysis of teaching log, the surveys of students' feedback and so on.

2.7 The assessment of teaching platform

Assess the function and use effect of the online platform in the flipped classroom mode, including the stability of the platform, the friendliness of the interface and the interactivity of students and so on. The assessment methods can adopt the survey of users' satisfaction, the statistics of the platform usage and so on.

3. Case studies and empirical research

3.1 The design and organization of teaching activities in the flipped classroom model

Liuyang River, the guzheng piece, is an important turning point in guzheng performance. Many students choose to give up when they cannot break through this stage. In order to help students go through this stage successfully, I have made the following design and organization of the course of *Liuyang River* for the Grade 4 children's guzheng learning group at the Art Training Center of Li Music and Zheng Rhyme in Guilin.

First of all, I prepared the video of the geographical location of *Liuyang River*, the video of singing *Liuyang River*, the background information of the creation of *Liuyang River* and the guzheng performance video of *Liuyang River*. Secondly, I guide the students to think about where the *Liuyang River* is. Which great man is *Liuyang River* mainly celebrating? What are the similarities and differences between the performances of *Liuyang River* and those guzheng songs we have learned before? Finally, I will guide the students to discuss the questions they raised in class.

3.2 Students' feedback and assessment of the flipped classroom teaching model

First of all, flipped classroom can improve students' active learning ability. Through independent study before class, students can better understand the background knowledge related to the music and basically master the skills of guzheng performances. Then students can directly performance in the class and observe each other and find out the problems in performance. Last but not least, the teacher will provide on-site guidance, demonstration and correction for students.

Secondly, the flipped classroom encourages the cooperative learning and interactive communication among students, which cultivates their teamwork and communication skills.

To sum up, students' feedback and assessment of flipped classroom teaching mode are positive, and most students believe that this teaching mode can improve their learning initiative, cooperative ability and problem-solving ability.

4. Advantages and limitations of the flipped classroom model in children's guzheng teaching

4.1 Advantages

Promote learning interest. Through the flipped classroom model, students can study independently after class according to their own interests and pace, which can stimulate the initiative and enthusiasm of learning.

Enhance practice and consolidation. After class, students can improve their mastery of guzheng performance skills and music theory through repeated practice and consolidation of knowledge points.

Provide personalized learning. The flipped classroom model can provide personalized learning resources and guidance based on students' different needs and levels to help students better develop their strengths and talents.

Develop learning skills. During the process of independent learning, students need to take the initiative to think, sort out and summarize their knowledge, which cultivates their learning ability and independent learning ability^[1].

4.2 Limitations

Increased learning burden. The flipped classroom model requires students to engage in independent learning after class, which may increase their learning burden and require them to have strong self-motivation and time management skills.

Students' distinct independent learning ability. There are differences in the independent learning abilities and learning habits for different students. The individual students may have difficulty in adapting to the learning method of the flipped classroom .

Parental support is needed. The flipped classroom model requires students to learn independently in the family environment, and needs the support and supervision of the parents, which may be difficult for those students with poor family conditions or parents without educational awareness.

5. Suggestions for improvement and development of flipped classroom model in children's guzheng teaching

The flipped classroom model is a student-centered teaching model that transfers knowledge from traditional classroom teaching to after-school learning and devotes classroom time to students' reflection, discussion, and practice.

5.1 Improve students' learning enthusiasm. By learning the basics knowledge of guzheng, performing techniques and music appreciation outside the classroom, students can be more focused on practicing and interacting in the classroom to improve their learning effect.

5.2 Personalized instruction. The flipped classroom model can provide personalized instruction according to each student's learning progress and ability. Students can choose their own learning resources and learning methods based on their own learning situation so as to better meet the needs of different students. Teachers can pay attention to the learning situation of each student and provide targeted guidance and counseling to help students overcome difficulties and improve their learning results.

5.3 Enhance students' creativity and expressive skills. The flipped classroom model can provide students with more time and opportunities to develop creativity and expressive skills. Students can present their own performances or share their musical understanding and experience in class, and promote mutual learning and growth through interaction and cooperation.

In conclusion, the flipped classroom model can be improved and developed in children's guzheng teaching to increase students' learning enthusiasm, conduct personalized teaching, enhance students' creativity and expressive ability and strengthen practical and application skills, which will help cultivate students' musical literacy and comprehensive ability and promote the innovation and development of children's guzheng teaching.

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