

## **Problems and Countermeasures of Children's Music Education in the New Media Environment**

**Xiaodong Liu**

Shangrao Preschool Education Collegem, Jiangxi, China, 334000

**Keywords:** New media; Children; Music Education

**Abstract:** With the development of science and technology, new media technology has begun to appear in people's lives. With the rise and wide application of new media, schools are trying to use the new media technology to connect with music education to improve the effect of music education and promote the growth and development of students. The continuous development of new media technology has broken the limitations of traditional media, and formed a kind of multimedia which integrates text, sound, image and animation. Many characteristics of new media can just make up for the deficiency of traditional music education on visual sense, and realize the visualization teaching of key and abstract music concepts in schools, and help students understand and appreciate the charm of music. In addition, the new media can enrich the forms of music in auditory and visual expression, stimulate the auditory nerve of children in preschool, arouse students' love for music, enrich students' music experience, and improve the development of children's music education.

Music education of children in preschool is an important part of children's education. In early childhood, children show considerable talent and advantages in music, rhythm perception, comprehension and expression. For children's music classroom, it is necessary to observe and summarize children's performance in music education, and consciously improve children's learning ability and develop children's intelligence through music education. New media technology has gradually become a popular information tool because of its huge amount of information, easy to use and strong interactive ability. In the field of music and art, it has achieved the renewal and development of traditional art media, such as radio and television, with great potential and vitality, and has become an important means of music and art development. Applying new media technology to children's music education can enrich children's music experience, stimulate their expression, imagination and creativity, and promote their all-round development <sup>[1]</sup>.

### **1. Problems in Children's Music Education in the New Media Era**

#### **1.1 Insufficient Funds for Education**

New media can promote the development of children's music education. Most schools in China are aware of the importance and inevitability of new media technology in school teaching, but there is still a lack of application of new media technology. As an emerging technology, new media technology is much more expensive than traditional media, and requires professional guidance. The high prices have prevented many schools from establishing sound new media teaching facilities. Some remote mountain schools have even no new media teaching equipment, which has greatly hindered the school's music education.

#### **1.2 Lack of Awareness of New Media**

With the development of computer technology, new media is the product of the combination of computers and the Internet, and plays a vital role in human production and life. Due to the large number of schools in China and the uneven development of the region, many schools and music teachers have not deeply realized the importance of new media technology to music education, and it is impossible to integrate new media into the actual teaching activities. For children's music

education, the traditional teaching mode is still adopted in some schools, which hinders the development of children's personality to some extent<sup>[2]</sup>.

### **1.3 Teachers do not Master the Application of New Media Technologies**

The application of new media technology to children's music education has rich expressive power. The audio and video technology of new media can make dull teaching activities more intuitive. The rich sound and image can deepen children's understanding of music, and even create the effect of performance, so that students can have a personal experience, greatly improve the teaching effect. Teachers are the designers and instructors of the whole teaching activities, and are also the guides for students' learning. Teachers' application of new media is directly related to the reform effect of school music teaching in the new media era. Relying on the new media platform can improve the learning efficiency of students. However, at this stage, the music teachers in many schools do not have a thorough understanding of the new media, and do not fully grasp the attributes and characteristics of the new media. It is difficult to promote the modernization of music education.

## **2. The Impact and Function of New Media on Children's Music Education**

### **2.1 Active Interaction between Teachers and Students**

The teaching contents and methods in the new media environment have distinct characteristics of media and the times. Different from the traditional teaching methods, music teaching in the new media environment can make teachers and students interact deeply on the new media platform, which can greatly improve the teaching efficiency. In class and under class, students can communicate with teachers at any time, and will not be constrained by classroom scenes. Teachers can keep abreast of students' learning situation at any time. New media technology also has a variety of functions, such as commentary function, which can increase the interaction between teachers and students. Teachers can see students' feedback on learning at any time. It is convenient for schools to adjust the education methods and problems in time, and promote students' all-round development on the basis of meeting students' needs.

### **2.2 Flexible Teaching Methods**

The use of new media technology can enrich the forms of music expression and change the traditional monotonous teaching content. Teachers can extend the content of music teaching from home to abroad, from class to extracurricular, greatly enriching the teaching resources of music and making the music curriculum lively and interesting. During the preparation period, teachers can search for a variety of new media resources and download the required music materials to make the course more enriched and interesting and help students fully understand the music content they have learned. Teachers can choose the appropriate teaching mode according to the course content, so that children's music teaching becomes flexible<sup>[3]</sup>. The Internet is like an encyclopedia, which contains rich content. Teachers can find more reference materials through the internet to provide more content reference for the curriculum and meet the growing and diverse needs of students. Excellent teachers can share their lesson experience on the Internet to facilitate other teachers to watch and learn. In addition, students can record their learning effects into audio or video materials and send them to teachers for all-round guidance. Compared with the previous on-site guidance, online guidance costs less and can save a lot of time, and can provide comprehensive guidance to students in a short period of time.

## **3. The Reform Strategy of Children's Music Education in the New Media Era**

### **3.1 To Increase Capital Investment in the Reform of Music Education**

Under the new educational background, new media technologies and music education complement each other, and new media technologies can help children learn music better. Therefore,

in order to promote the development of children's music education in the new media era, the most important task is to increase the capital investment in the reform of music education. In terms of new media hardware, we must ensure that every music teacher has a perfect new media teaching equipment and corresponding teaching tools to try to achieve the goal of music teachers to fully cover multimedia, whether it is from software facilities or hardware facilities. At the same time, we must learn from foreign advanced music teaching concepts, and upgrade music equipment and ensure the development of music education <sup>[4]</sup>.

### **3.2 To Improve Teachers' Mastery of New Media Technologies**

The new media plays an important role in the development of children's music education, which is currently in the process of further deepening and expanding. At present, what is lacking in China's education industry is the conscious guidance, attention and introduction of education practice by school educators to make the new media show positive effects on music education. Music teachers should fully understand and learn new media technologies and be able to use new media technologies flexibly. On the one hand, schools must regularly train and mentor music teachers, and teachers can also go to specialized new media centers for practical learning. On the other hand, teachers must constantly improve themselves. For example, they can access more information related to new media to learn more about new media and digest the knowledge into their own teaching process.

### **3.3 To Raise School's Attention to New Media**

New media technology is a new media platform developed from traditional media, which has a good application prospect. Modern new media technology is more and more widely used in life. Schools are the main places for students to learn. The lack of attention from the school to the new media is the reason for less investment. Therefore, it is of great significance to enhance the attention and understanding of the school to the new media. While paying attention to new media, school authorities can also encourage music teachers to study in schools with better development of new media technology to absorb advanced experience of music education reform in the new media era and promote the development of children's music education in the new media era <sup>[5]</sup>.

## **4. Conclusion**

The development of children's music education needs to make full use of new media technology, which can enrich and deepen students' learning experience and stimulate students' interest in learning. Childhood is a golden period for a person to grow up. How to make good use of new media technology to improve children's music quality and love of music is the responsibility of every music teacher. Therefore, children's music education must actively adjust the teaching methods and make full use of the advantages of new media to promote the professional development of music education and cultivate students with good music quality.

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