

The Combination of Piano Teaching and Modern Digital Technology

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Abstract: With the development of national economic situation, the level of science and technology progress, multimedia and network technology began to be widely used in the field of education and teaching. When it comes to piano teaching, the further integration of science and technology undoubtedly provides an opportunity for the development of teachers' teaching, and also improves the efficiency of teachers' teaching. Modern digital technology is a science and technology that accompanies electronic computers. At present, under the new situation, modern piano teaching is in a new stage. The integration of modern electronic technology and modern piano teaching, the organic integration of solfeggio and piano teaching, pay attention to the simultaneous teaching of piano teaching and live performance and the teaching of piano ensemble. The use of digital modern technology in piano teaching can break the disadvantages of traditional teaching mode and bring new opportunities for piano teaching and research.

Keywords: Piano teaching; Modern digital technology; Teaching effect

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Modern digital technology and computer together, in the current information society, digital technology has been deeply into people's daily life and learning aspects. The integration of modern digital technology and piano has brought a huge revolution in the music industry. The combination of piano teaching and modern digital technology is a transformation of music teaching, music creation, music production, music performance, etc., and is the highest realm of human control and "play" of music. The use of digital information technology in piano teaching will inevitably break through the previous teaching mode, make piano teaching from monotonous to colorful, from abstract to concrete, so as to achieve unprecedented results, and open up a new world for piano teaching and research.

1. Integrate solfeggio and piano teaching organically

On the basis of obtaining a piano piece, it is necessary to quickly analyze its rhythm group, mode and tonality; integrate the staff sound into the piano education, use the brain, combine attention, memory and thinking ability, actively mobilize the visual and auditory nerves, and transform the staff sound and music into fingertip music. High-level students can get a piano piece, that is, they can play it while reading the score. This situation is called "visual performance" ^[1]. The training and cultivation of visual playing skills is of great significance to improve students 'playing level. Students with good piano playing skills have performed well in the process of learning solfeggio courses, especially in listening to the level and duration of sound discrimination, listening to the color of intervals, chords, and singing songs. Therefore, in music education, sight singing practice and playing practice are mutually reinforcing. In teaching practice, the digital piano teaching classroom makes full use of digital technology. By using the devices in the