Application of multimedia technology in table tennis teaching in Higher Vocational Colleges

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Abstract: At present, school education attaches great importance to the development of students' comprehensive quality. Physical education in higher vocational colleges should also constantly strengthen the improvement of students' comprehensive quality such as morality, intelligence, physique, beauty and labor, enhance their physique through sports, and cultivate noble moral sentiment and perception of beauty. Table tennis is a kind of sports with strong entertainment. With the development of the times, modern network technology has been widely used, and multimedia technology has also been used in various subject education. In the teaching practice of higher vocational education, this paper discusses the current situation of table tennis teaching and the application of multimedia technology in college table tennis teaching, and explores the combination and mutual promotion of the two.

1. Current situation of table tennis teaching in Higher Vocational Colleges

In the field of table tennis in higher vocational colleges, the task of teachers is to teach students the basic knowledge of table tennis and apply these actions to actual combat. However, in the practical teaching of table tennis, some action teachers are difficult to intuitively demonstrate and explain to students, and some faster actions are often difficult to clearly demonstrate to students, Let the students see clearly the process of action and the characteristics of body movement, so that the action demonstration can not reach the specific standard. Because it is difficult for students to clearly observe the teacher's action demonstration, it is difficult to master the action. If this phenomenon occurs again, students' enthusiasm for learning table tennis will disappear, resulting in the teaching of table tennis in teaching activities. In order to completely solve this problem, teachers often show some actions in the form of decomposition and repetition in table tennis class, but this can not well solve the problems caused by insufficient demonstration in the teaching process, and has little effect on the improvement of students' academic performance. Multimedia technology is a combination of various educational media, including video animation, text, graphics, voice, images, etc. multimedia is a way to visualize and concretize some boring and difficult to understand knowledge content, stimulate students' senses in many aspects, and students' perception is three-dimensional, In this way, students can learn, understand and remember the content more easily.

2. Analysis of multimedia application value

The application of multimedia technology in education is particularly obvious. Multimedia technology uses video animation, text, graphics, voice, images and other media in the media to better understand and use the content. Multimedia is to meet the needs of the development of the times. It can effectively make the key knowledge more specific and vivid, which is conducive to table tennis teachers to better let students learn table tennis technology and help students understand some fast and difficult to observe action characteristics.

3. Application of multimedia technology in table tennis teaching in Higher Vocational Colleges

3.1 Create situational representation, guide teaching and break through key and difficult points

The traditional table tennis training courses in higher vocational colleges are based on teacher management, teacher team construction and students' learning. Some students do not fully grasp the key points of knowledge. If the teacher gives a more accurate explanation and asks the students to practice for many times, the students only know some theoretical knowledge of sports, which may not be possible in the actual struggle. After the above situation, the teachers can use multimedia technology to demonstrate the movements of table tennis. This method can make the movements of table tennis more specific More directly show students that only by combining multimedia broadcasting with teacher training, students can better absorb and digest this knowledge. For some difficult and professional actions, teachers can play or use slow lenses repeatedly. At the same time, teachers should make a more detailed analysis of personal actions. Improve and speed up the coverage of action points, so that higher vocational students can make new breakthroughs in key and difficult contents.

3.2 Both images and texts can effectively stimulate students' interest in learning

Teachers should stimulate students' interest in table tennis. Only when students are interested in table tennis can they more actively participate in table tennis training, so as to improve students' professional skills and physical quality. The teacher focuses on table tennis teaching. Basically, there is no place for students to play by themselves. The teacher only explains the knowledge points they think useful, not combined with the actual situation of students. Teachers can use multimedia to make students feel more directly by playing pictures and videos. At the same time, this method is clearer and simpler. Through multimedia, Make students more interested in table tennis education and actively participate in teaching activities.

3.3 Image reproduction to enhance the psychological quality of primary school students in Education

In the table tennis competition, we see that students can effectively use table tennis technology, which mainly depends on their usual technical level. In order to win the competition, we should not only have professional table tennis technology, which is why teachers should keep students practical. For example, before teaching, they should find some table tennis videos at home and abroad for students to watch on the multimedia platform, According to the opinions of the audience, students analyze strategies and tactics to make students have a clearer understanding of strategies. For example, teachers can play videos of competition participants to let students find mistakes and discuss them. At the same time, they should improve students' psychological quality. The characteristics of table tennis are changeable and complex. In this case, students should be calm and calm. Through multimedia transmission, students can be deeply impressed with the strategies and tactics of table tennis and improve their ability to deal with changes, Make their hearts stronger.

3.4 Reduce complexity to simplicity and dynamic complexity to static complexity

According to the investigation of relevant departments, in the teaching of theoretical knowledge, if we only look at the traditional teaching methods and oral teaching, we can only remember 15% of the knowledge points, but through multimedia teaching, we can remember 65% of the knowledge points, because multimedia can remind people of what they have learned more quickly and clearly by stimulating people's senses, The traditional table tennis course in higher vocational colleges is to inform and analyze the contents learned by students, such as some action effects, and then take these actions respectively. The purpose of this teaching method is to simplify some complex and unacceptable technologies, but most table tennis movements are completed very quickly, so that teachers can not slow down or dismantle the movements in the demonstration process. In order to enable students to master the basis of these movements, teachers must demonstrate and explain the

final results to students for many times. Students think that table tennis technology is not easy to master, Thus, the confidence and idea of learning are lost. Multimedia education can solve the above problems. In teaching, teachers should make appropriate marks on table tennis, and then play the correct actions through multimedia, so that students can learn and accept intuitively. Enhance their self-confidence and know that it is not difficult to learn table tennis well.

4. Conclusion

To sum up, the traditional table tennis teaching method was not adopted at that time. The traditional table tennis teaching method was mainly based on teacher training. Students did not have their own development space and could not rely on the concept of the new curriculum reform. In order to effectively improve the quality of table tennis teaching, higher vocational colleges should make more use of multimedia teaching methods. Multimedia teaching is the trend of the development of the times. Using the characteristics of multimedia, video images can be integrated into teaching practice to further improve the quality of table tennis teaching.

References

[1] Gu Jun On the optimization of table tennis teaching quality in Colleges and universities [J] Boxing and fighting, 2020 (11): 86-87

[2] Zhou Bin How to use multimedia technology to carry out sports table tennis teaching in Higher Vocational Colleges [J] Neijiang science and technology, 2020,41 (08): 120-121

[3] Wang Junpeng Research on the innovation of teaching content of table tennis elective course in Colleges and universities [J] Pr world, 2021 (10): 151-152