The Function of Introducing Multimedia Technology into Badminton Teaching in Colleges and Universities

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Abstract. In the modern society, the application of multimedia technology in education teaching field is more and more common, the emergence of multimedia technology for modern education teaching provides a feasible teaching means. As an important course in college physical education, the application of multimedia technology in badminton teaching can optimize the teaching and training process of basic badminton technology, so as to better stimulate students’ interest in badminton learning and promote the improvement of teaching level. This paper analyzes the effect of multimedia technology on badminton teaching. With the development of modern information technology, it is more and more common for multimedia technology to enter college physical education, especially the infiltration of multimedia technology into badminton teaching, which can effectively improve college students’ interest in badminton learning and master the correct movement technology. In addition, it can break through the limitation of time and space, further enrich the classroom teaching thinking and classroom teaching design, broaden the vision of college students badminton, stimulate innovative thinking of college students, for the popularity and development of badminton in colleges and universities to provide a broad space for development, at the same time to badminton teachers with more severe challenges. As badminton education workers in colleges and universities, therefore, needs to change ideas, raise awareness, and actively learning and update the multimedia theory of knowledge and technology, bold practice, reform and innovation, on the basis of the physical and mental characteristics of college students and badminton technical features designed to match good courseware, at the same time, as colleges and universities should actively create out training opportunities for physical education teachers, strengthen communication, promote communication, to improve the quality of design of multimedia courseware.

The Concept of Multimedia Auxiliary Teaching

Multimedia auxiliary teaching means in the process of classroom teaching, the introduction of computer system as the core, chart, text, sound, like the omni-directional information processing function of intelligent teaching system, according to the theory of information dissemination and the rule of teaching process and the design and implementation, it through form, media and software use, cooperate with the teaching process, is a kind of using multimedia computer as the center of the new teaching method of modern teaching tools and methods. In the process of implementation of teaching, various media in the system complement each other and apply cooperatively. This new optimization combination makes the overall function of the system more powerful than the sum of the functions of various media. It impacts many traditional teaching modes and constitutes a new discipline teaching system.

Multi-media Teaching into the Ordinary University Badminton Teaching Role

With the popularity of badminton, badminton has become one of the favorite sports for college students. Therefore, most colleges and universities attach great importance to the optional badminton courses. Many experts and scholars have conducted a lot of research on the optional badminton courses. With the development of multimedia assisted badminton teaching in colleges and universities in China becoming more and more common, the current education reform also
urgently needs the innovation and reform of physical education teaching to adapt to the
development of modern teaching and all-round development of talents training objectives,
multimedia teaching has made some achievements in the present, has brought a positive impact:
Makes use of traditional teaching mode of boring classroom full of completeness and interest,
improve the enthusiasm of the students to learn badminton and participatory and the use of
multimedia teaching demonstration, causes the student to build faster action representation, to
master the skill movements of badminton as soon as possible, improve the efficiency of learning,
multimedia teaching methods to teaching method diversification, changed the same oral award in
the traditional way of teaching, injected fresh vitality into the badminton teaching, multimedia
auxiliary teaching method but also expand the badminton teaching time and space, the teaching
quality improved significantly. However, the use of multimedia teaching is only an auxiliary means,
too much dependence on multimedia teaching will lead to the decline of teaching quality.

The Role of Multimedia Assisted Teaching in Badminton Teaching

Through smart phones, video and other teaching methods, students can vividly, vividly and
intuitively demonstrate badminton technical actions. Combined with traditional teaching methods, it
effectively improves students' grasp of badminton learning content, technical concepts, key points
and difficulties, and greatly enhances the teaching effect.

The application of multimedia assisted teaching can enable students to actively participate in the
technical practice, so as to form a more profound image of the movement of the students for the
technical action, deepen the memory of the students, and help students master the key technical
points.

Through multimedia assisted teaching, students can quickly transform short-term memory into
long-term memory. Through repeated and intuitive independent learning, students can deepen their
memory effect, thus shortening the technology mastering cycle of generalization, differentiation and
automation, and repeatedly constructing correct action representations to enable students to master
correct technical actions more quickly.

In multimedia assisted teaching, middle school students can decompose technical movements. By
decomposing and integrating technical movements, students can master the technical movements of
badminton one by one in a systematic and solid way, which is conducive to mastering individual
technical links.

Now more and more badminton institutions have established badminton official accounts on
WeChat to promote the teaching video of high-level athletes or famous coaches. Students can learn
technology, physical fitness, rehabilitation and other knowledge that cannot be learned in traditional
classes.

The Application Status of Multimedia Teaching in Badminton Teaching and Training

First of all, the multimedia teaching, as a kind of advanced teaching methods, the use of power
network, for teachers teaching provides a great convenience, save the class time, vivid courseware
show also help students better understand the difficult knowledge, thus, multimedia teaching can
improve the classroom efficiency to some extent, promote the development of education. However,
the precondition for the superiority of multimedia teaching is indoor teaching. For the school of
physical education, which mainly teaches outside, the role of multimedia teaching is greatly
reduced. So, this leads to the status quo of multimedia teaching in the sports colleges and
universities badminton training is that a lot of multimedia facilities idle, student or teacher contact
less chance of special multimedia facilities, school force-feeding teaching and traditional teaching
ideas for reference to complete the school teaching content as the goal, set by the lack of scientific
and reasonable teaching idea. Secondly, multimedia teaching has been popularized at home and
abroad. Network teaching is rich in content. There are a large number of teaching resources in
various disciplines, which provides convenient conditions for current teaching. But, our country
sports institute single plain in terms of teaching content, teaching only pay attention to technology,
lack of sports discipline knowledge of the theory of value, led to the lack of theoretical knowledge
of today's sports talents, does not conform to the moral, intellectual, physical, the United States for talents of all aspects of requirements, badminton teaching as a branch of physical education teaching, the teaching level. Therefore, China's college of physical education should make reasonable use of multimedia teaching resources, keep up with the world's advanced teaching ideas, use multimedia to introduce the world's advanced teaching ideas into badminton teaching, and promote the development and progress of China's badminton education.

Application Strategy of Multimedia Teaching in Badminton Teaching and Training

Most commonly used in multimedia teaching courseware teaching, teaching courseware can be collated many teaching resources, forming a set of adapt to the idea of students learning resources, not only can key listed in the multimedia teaching, convenient for students to grasp the key knowledge, can also bring some related extracurricular knowledge to show students at present, in the study to dabble in more and more knowledge, develop the student's field of vision, then the application of multimedia teaching in the sports colleges and universities badminton training strategy, we can from the characteristics of badminton teaching and the advantages of multimedia teaching, to reform the existing teaching mode innovation In order to realize the effective application of multimedia teaching in badminton teaching.

Change the Teaching Concept of Badminton

For the problems in education, the fundamental reason lies in the teaching concept and teaching thought. Under the long-term effects of traditional Chinese teaching thought, the inherent teaching mode has been deeply rooted in the hearts of the people, for the teachers, to accept education determines the teaching way, therefore, to change the existing teaching mode, should first start with the promote education thoughts, new ideas of propaganda work, actively carry out teaching for teaching training lectures, the school also can organize team learning, teachers out of the campus and even go abroad to visit the other schools of teaching mode, and learn the advanced teaching methods, making multimedia teaching into badminton teaching well. Teaching idea of change lies in the defects of the traditional teaching reflection, break the routine, innovating teaching mode, and for the teaching effect, we can not only for students to grasp of the badminton technology, should promote the student thought at the same time, make its skills and ideas get double progress, this is today's society to pursue education effect. The change of badminton teaching concept makes the school and teachers pay attention to advanced teaching ideas and teaching facilities, and make scientific use of multimedia teaching facilities to improve the comprehensive quality of students.

Change the Teaching Management Mode

We should change the teaching management mode and conduct the management development from the leadership level of the school. All education institutions in China have made outstanding achievements in teaching reform, but the reform of education teaching method is still hindered to some extent due to the constraint of traditional teaching concepts. Through the study of the teaching mode of badminton in colleges and universities, it is found that although the teaching mode of badminton has been improved, it still continues the traditional teaching concept. It not only makes little progress in teaching ideas, but also lacks innovation in teaching methods, which is not conducive to improving the teaching efficiency of badminton in sports colleges and universities. Reward mechanism reform, establishment of teaching, add theoretical knowledge in students' assessment of performance evaluation, investigation of extra-curricular knowledge, in order to promote the teachers to the reform of teaching method, if leadership can take the lead in advocating the application of multimedia teaching in the badminton teaching, then it can provide multimedia teaching to carry out with greater power. Changing the teaching management mode, using multimedia teaching to realize the integration of badminton teaching skills and theory.
Improve Multimedia Physical Education Teaching Facilities

Due to the prominent characteristics of badminton teaching, it is impossible for students to learn badminton skills in a narrow classroom. Therefore, we can use projectors in the stadium to realize multimedia synchronous teaching. Teachers should pay attention to details when teaching students skills. The most important thing in class is the enthusiasm and initiative of students in learning. If the knowledge in class is taught orally by teachers, it will not only increase the difficulty of teachers' teaching, but also students' lack of intuition in learning. Abstract actions will frustrate students' enthusiasm in learning. So the school should pay attention to perfect the multimedia teaching facilities, lets the student in the stadium can also use the multimedia to study, not only enriched the teaching contents, improve the students' study enthusiasm, also can better improve the badminton teaching effect, however, to achieve this requires schools to give strong support, as much as possible to provide the good study conditions for students.

Reform Multimedia Teaching Content

For the application of multimedia in the badminton teaching, we should distinguish it from other content, such as Chinese, Math, English courseware should be according to the characteristic of badminton, combine video, pictures, text effectively, teachers for action in the video to the parsing, for the standardization of the action to talk, lets the student can also consolidate has learned from the action of video of the content, standardized by comparing their action to improve their skills. In addition, theoretical knowledge is extremely important. Students should understand the principles while mastering skills. Only by deeply understanding theoretical knowledge can they better grasp it in the demonstration of actions. Another advantage is that the multimedia information convenience, if we only depend on the textbook knowledge, or the teacher taught to learn, so also lack of knowledge is shallow, multimedia teaching can greatly enrich the teaching content of the student, not only to understand the domestic badminton learning new ideas, also can obtain the understanding of the badminton education abroad, makes the students' thinking extended greatly.

Conclusion

The way of multimedia assisted teaching strengthens the communication among students, enhances the feelings among students, cultivates the spirit of mutual help among students, and makes contributions to the formation of a good relationship between students and teachers. The way of multimedia assisted teaching improves students' interest in learning badminton, changes their negative views on badminton courses, increases the number of exercises after class, improves students' physical fitness, and has a positive impact on students' consciousness of lifelong physical exercise.

The courseware uploaded by multimedia assisted teaching and Shared on the Internet breaks through the limitation of time and space for students to learn independently after class and improves their ability to learn independently.

Multimedia assisted badminton teaching cultivates students' interest in badminton, improves their skills and tactics, proves the effectiveness of multimedia assisted badminton teaching, and this effective badminton teaching method can be promoted in colleges and universities.

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