

Research on the Teaching Mode of Basketball Informatization in Higher Vocational Colleges

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Abstract. with the advent of the information technology era, the integration of basketball teaching and information technology in higher vocational colleges is more closely, which has expanded more ideas for the innovation of teaching mode in higher vocational colleges, and with the development of Basketball Teaching in higher vocational colleges, higher requirements are put forward for the innovation of Basketball Teaching in higher vocational colleges. Based on this background, this paper explores the current application of information technology in Basketball Teaching in Higher Vocational Colleges from the perspective of practice. The purpose is to promote the integration and development of information technology and basketball teaching, and to promote the healthy development of Basketball Teaching in Higher Vocational Colleges by formulating targeted solutions.

Keywords: information technology; basketball teaching; teaching mode.

1. Introduction

The deep integration of information technology and teaching industry makes the development mode of sports teaching industry in higher vocational colleges more diversified. Information technology has gradually come into sports teaching in higher vocational colleges, promoting the integration development of science and technology industry and traditional sports teaching industry. The essence of information technology and sports teaching innovation is to achieve the improvement of sports teaching efficiency and teaching quality, so as to enrich and improve the quality of sports teaching. The teaching mode of physical education in vocational colleges has expanded more ideas.

2. Current Situation of Basketball Teaching in Higher Vocational Colleges in China

Basketball is the traditional subject of physical education in Higher Vocational Colleges in China. The basketball teaching course emphasizes the cultivation of the basic quality of College Students' basketball. Under the background of the rapid development of information technology, the mode and method of basketball teaching have changed greatly. From the perspective of information-based teaching development, we can integrate the training objectives of basketball talents, basketball teaching methods, basketball teaching resources and information technology in higher vocational colleges. From the perspective of information-based teaching, it is particularly important to change the traditional methods and ideas of basketball teaching and improve the ability of students to master and use basketball knowledge and technology and tactics. At present, the innovation of basketball teaching concept and teaching mode in Higher Vocational Colleges in China is advancing, but in terms of practical effect, there are still lagging behind in the development of teaching concept and insufficient innovation in teaching mode. In basketball teaching method, the traditional mode is still used, the main position of students is ignored, and the single and boring teaching task makes students learn basketball. The interest in movement has declined. Basketball teaching, as a physical education subject that pays attention to theoretical teaching and practical training, is difficult to mobilize the students' subjective initiative and is not conducive to the improvement of basketball ability.

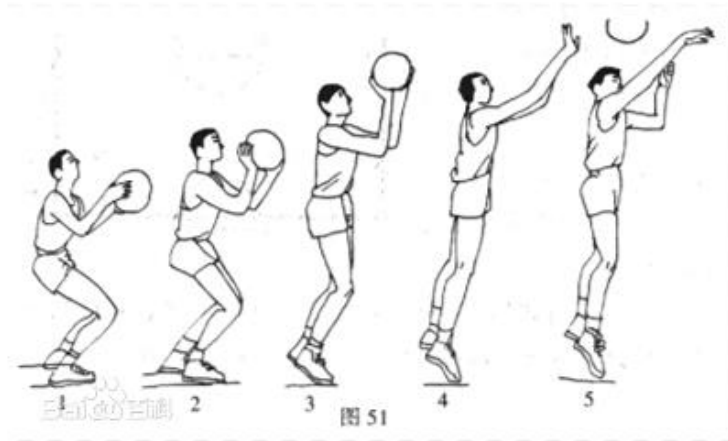


Figure 1. Sketch map of one hand shoulder shooting

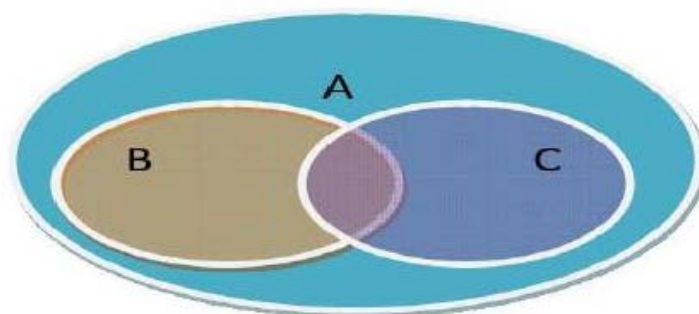


Figure 2. technical demonstration of side step breakthrough with the ball

3. Information Technology Leads the Reform and Development of Basketball Teaching in Higher Vocational Colleges

3.1 The Application of Information Technology Promotes the Innovation of Basketball Teaching Mode in Higher Vocational Colleges

The application of information technology makes the basketball teaching mode of Higher Vocational Colleges change greatly. Through the integration of information technology, the basketball teaching mode also presents diversified characteristics. The most obvious thing is that it has changed the tools for basketball teachers and students to learn basketball. It is no longer limited to the traditional model of teachers' demonstration and students' imitation. Through the use of information technology, students can carry out independent learning anytime and anywhere, use Internet channels to acquire knowledge of basketball, and understand the development of basketball games at any time. It is no longer limited to the teaching of basketball teachers. Information technology has greatly changed the current high-efficiency basketball teaching mode and method, and provided more abundant channels for the innovation of basketball teaching mode.



A- Information teaching B- Digital teaching C- Network teaching

Figure 3. Relationship among digitalization, informatization and network teaching

3.2 The Application of Information Technology Enriches the Knowledge Structure of Basketball in Higher Vocational Colleges

Efficient basketball teaching is an important channel for the promotion of basketball. With the coming of information age, the connotation of basketball knowledge system based on Internet information technology is more abundant. Influenced by information processing technology, it has played an important role in information retrieval and information transmission. It is required that the knowledge structure of basketball teaching should not only highlight the knowledge and skills of basketball itself, but also integrate other knowledge structures outside the field. It can be said that information technology is not only the expansion and extension of basketball teaching knowledge structure, but also makes basketball more closely connected with other disciplines.

3.3 The Application of Information Technology Leads the Adjustment of the Training Direction of Basketball Talents in Higher Vocational Colleges

In the era of information technology, efficient basketball teaching pays more attention to the excavation and training of basketball talents. Information technology has really driven the innovation of the traditional training mode of basketball talents in higher vocational colleges. The training objectives of basketball talents in higher vocational colleges are closely combined with the needs of the times. In the training of basketball talents, the awareness of the application of information technology is constantly enhanced, and all sectors of society are actively exploring the effective application of information technology. The purpose is to further improve the training mode of basketball talents in Higher Vocational Colleges in the information age, and inject inexhaustible power into the sustainable development of basketball career in Higher Vocational Colleges in China.

4. Analysis of the Problems Existing in the Development of Basketball Teaching Informationization in Higher Vocational Colleges

4.1 Inadequate Understanding of Basketball Information Teaching

From the current situation of Basketball Teaching in higher vocational colleges, although most of the basketball teachers have affirmed the application value of information technology in basketball teaching, they think that the use of information technology can significantly improve the level of students' interest in basketball learning. But in the teaching practice, most of the teachers still adhere to the traditional teaching methods, they think that the traditional teaching mode is more conducive to grasp the teaching process, so as to transmit more information to students in a limited time, and the enthusiasm in the application of information technology needs to be further strengthened.

4.2 The Teaching Method of Basketball Informatization is Single and Lack of Attention to Students

At present, the selection of basketball informatization teaching methods in higher vocational colleges does not start from the needs of informatization teaching practice, and lacks the attention and analysis of teaching objectives, teaching plans and characteristics of teaching objects in different stages, resulting in the weak pertinence of informatization teaching methods. Most of the teachers pay more attention to the completion of the basketball teaching plan, the evaluation of the applicability of basketball teaching methods is not in place, ignoring the main position of students in the teaching process, resulting in the low adaptability of basketball information teaching.

4.3 The Practice Effect of Basketball Information Teaching is Poor

As a traditional physical education subject in higher vocational colleges, basketball teaching not only requires students to have the necessary theoretical basis of basketball, but also to have certain basketball ability. From the current situation of Basketball Teaching in higher vocational colleges,

teachers pay too much attention to the teaching of action essentials, and often organize students to carry out imitation and practice after the end of action demonstration. They don't know the students' mastering situation well, and pay more attention to the assessment than the actual training, which is not conducive to the improvement of the practical effect of basketball information teaching.

5. The Optimized Countermeasures for the Development of Basketball Teaching Information

5.1 Strengthen the Use of Multimedia Tools and Improve the Effect of Information-based Teaching

With the promotion of multimedia technology, basketball teachers should change the traditional teaching mode, pay more attention to the optimization function of multimedia technology on basketball teaching mode, and improve the effect of information learning. On the one hand, teachers should popularize the basic knowledge of multimedia technology to students in the process of teaching, so that students can actively participate in the learning of relevant knowledge. On the other hand, when carrying out basketball teaching, we should strengthen the application of multimedia teaching tools, closely combine the development trend of multimedia technology, and supplement the basketball teaching content and teaching methods to improve the effect of Information-based teaching.

5.2 Promote the Construction of it Software and Hardware Supporting Facilities

The software and hardware resources provide the application guarantee for the development of basketball information teaching. The attention of school managers to information technology investment directly affects the level of basketball information teaching in the school. Schools should encourage basketball teachers to use advanced teaching technology, and basketball teachers will continue to learn information technology accordingly, give full play to the possibility of the existing modern teaching technology environment, and improve the effective utilization rate of the existing information technology equipment. Only in the hardware environment to provide the necessary protection, in order to protect the development of basketball information teaching.

5.3 Strengthen the Organization and Management of Information Technology Application

In the construction of high-level information-based basketball teaching mode, we should integrate the existing information-based teaching resources, and call on the government departments to jointly study and formulate the implementation system of basketball information-based teaching, and implement the advanced basketball talent team training strategy in higher vocational colleges, so as to make the scale of basketball information-based teaching larger and ensure the sustainable development of basketball information-based teaching.

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