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## Research on Integrated and Balanced Development of Urban and Rural Sports Network Education Resources

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### ABSTRACT

Through the analysis of the function of network and information technique in promoting urban and rural sports education fairness, this article state the obstacle of balanced development of urban and rural sports network education resources integration and put forward that the measures of it. It aims at constructing regional and network-shape urban and rural integrative network sports system, propelling the integral and balanced development of urban and rural school sports culture.

### KEYWORDS

Urban and rural; Sports; Network education; Balanced development.



## INTRODUCTION

Since the balanced development of basal education has been put into effect, it reduced the differences between urban and rural education, but neglected the balanced development among subjects. Due to the historical, traditional and subjective cause, to sports, a "marginal" subject, it has lead to most schools in countryside a lot of problems in the aspect of teaching, administration, teachers and so on. And it has enormous differences with the urban area. With the coming of the information age, information technology has completely intervened in education area and its character across space and time brings convenience to teachers from urban and rural teachers and students. Through network teaching, the students of countryside can receive co gradient teaching in different places. Highly shared high quality sports teaching resources were come true. If offers the middle school students and pupils the equal sports teaching chance in order to improve the quality and benefit of school sports teaching, promote the balanced and leapfrog development.

### **THE FUNCTIONS OF THE NETWORK AND INFORMATION TECHNIQUE IN PROMOTING URBAN AND RURAL SPORTS EDUCATION FAIRNESS**

#### **Providing the primary and middle school students the equal chance to physical education and enabling the teaching systemized**

The modern network distance education frees the students from the time limit. Each student can demand proper sports education information at any time synchronously or asynchronously, and has a chance to enjoy the same physical education. Along with the continuous development of network, the school sports teaching use the network resources of sports information more frequently and broadly. At the same time of combining the sports teaching and network resources, of optimizing the teaching design, of building a vivid, scientific, interactive teaching environment, of developing the advantages of network resources and expanding the time and space sports teaching, we should guide the students stretch their learning to extracurricular exercise in order to complement and form a unity. The interaction and combination enable the teacher teaching creatively and students learn and practice exploring. In this way, the classroom teaching effect is enforced and students can establish the consciousness of "lifetime sports" and the thought of "health first".

#### **Solving the problems of lack of sports teaching resources and unbalanced structure in the rural primary and middle school**

With the promotion of balance development of the compulsory education, the rural school sports teachers' team construction has made significant progress. Sports teachers' qualifications have been improved significantly, but there is still a gap compared with city school physical education resources. However, the biggest difference between sports discipline and other subjects is that many PE courses must be conducted in particular time and place. Traditional sports skill teaching is often confined to the court shortage or weather changes. Due to the quality and aging of some rural sports teachers, some technical movement demonstrations are not in the position, not standard or coherent. So the students can not master the correct action concept in the beginning. Through video recording and other network resources exploitation and utilization, students can observe world-class elite athletes' standard actions and establish the concept of the correct actions. The teachers launch the content of the course on website, and tutor after-school in a way of interacting questions to expand the teaching time and space and make up the insufficiency in court or teaching time. The learners outside school can overcome some difficulties as well.

#### **Promoting the coordinated development of urban and rural sports teachers**

Teacher resource is an important part of the education resources. The key to realize the equal opportunity between urban and rural school sports education is equal education process. The sports education process depends on the quality of the physical education teachers. By setting up a "trinity" (institutions training, school-based training, network training) of continuous education system for rural teachers, we can break the block of space and time, enable the urban and rural sports teachers share good sports education resources. Through the participatory web classroom teaching research activity, the rural sports teachers and town sports teachers can get the same learning opportunities and common participation in the new curriculum reform and the sports teaching investigation. The teacher education relevant departments will sports education training can content such as sports new curriculum reform, teachers' information literacy input to the content such as the platform, the relevant departments of teacher education can input the contents like sports education training, sports new curriculum reform or teachers' information literacy to a platform. With the network information platform, the urban and rural sports teachers can not only share the resources and training, also can make feedback from different areas. In this way, we can promote the integration of the good sports education from the internal and external resources, improve the rural sports teacher training performance, narrow the gap and promote the coordinated development of urban and rural sports teachers.

### **THE ANALYSIS OF THE OBSTACLES IN THE BALANCED DEVELOPMENT URBAN AND RURAL SPORTS NETWORK EDUCATION RESOURCES**

#### **The lack of control of governments at all levels in the urban and rural digital network sports teaching resource allocation**

With the application all kinds of information technology on digital campus, various technical standards spring up. If the country does not specify the technical standards from a whole, fragmented information islands will be formed, and

network education resources cannot be shared. Let alone the integrated balanced development of urban and rural sports network education resources. Network education resources itself is a system of rich connotation. It has its own development and movement law. Government agencies often cannot know about all information or fully grasp the characteristics and the laws, so the government may lack control on the executive performance of those subordinate departments or schools to some extent.

### **The short of design concept in supporting platform for sports network course and the unscientific teaching design of sports network**

Owing to the insufficient navigation design, interface design, page design, the functions of network platform in interaction, coordination, usability, maintainability, and portability are not guaranteed effectively. Meanwhile, the logic among a series of problems of the rural school sports teaching status, the teaching goal, teaching content, the structure design of sports network course knowledge, teaching strategy design and teaching steps are not well presented, which leads to sports network curriculum teaching link integrity being ignored, and the disconnection between the development and the use.

There are certain differences in different urban and rural areas in hardware resources allocation

Hardware resources configuration is an important component of the education information resources allocation and the foundation of the construction of digital campus. The construction and application of hardware resources in rural primary and secondary school directly affect the process of informative education in rural primary and secondary schools. Since the government promoted modern distance education project in rural primary and secondary schools, the rural primary and middle schools in mid-west area have been constructed and configured a new round. The hardware resource allocation in most of the rural areas is improved. But there is still a gap comparing with the developed area of the city. Sports teaching need certain courts, equipment. Some of the rural schools only have a multi-function classroom. The limited devices can't meet the needs of the sports teaching.

### **The shortage of the software resource and the imperfect supportive service system**

In some remote village schools in our country, teacher resources is short, equipped number of teacher is not in proportion to the age instruction, information technical stalls who are in village school have no systemic information technical professional knowledge, and they don't have enough learning time also, they can only wait for the short country and village level's information technical training, so they are all switch to a job one was not trained for and cannot provide technique support for the school's educate teaching. However, in the middle and primary school at this stage, the problem is serious, such as the primary school's students have the maximum base number and the maximum school quantity, physical teacher and students' information attainment is not high and so on. At the same time, many of the country school have not built feasible management system, school have not enhance the management plan as a whole about the country distance education equipment, technical staffs and various issued resources, and receive kinds of resources not in time so that they cannot be fully used.

## **DEVELOPING MEASURES ABOUT BALANCED DEVELOPMENT OF URBAN AND RURAL SPORTS NETWORK RESOURCES INTEGRATION**

### **Improving the availability of distance educational equipment dramatically**

School principals especially the headmaster in the rural school should pay high attention to the application of the network information technique in the basic education inwardly, and put the modern distance education as important platform to the school development. Set up modern physical education concept, lead the school related technique staffs and physical teachers to process the educational technique, the integration and application of school physical educational teaching actively; transform the network physical educational resources into education benefit. Make the modern distance educational equipment do a real process, and the modern information resource play a promote role in physical educational teaching and training. Extensive urban and rural physical teachers must realize the information technique position and effect in modern society especially in the school physical educational reform and development, and more clear and definite to hold their important historic mission, realize that develop the physical educational informatization is an effective way to change the backward visage of the poverty-stricken area's middle and primary school's physical education, and it's an effective approach to realize the urban and rural physical educational integration's balanced development.

### **Improving the distance network physical education support service system**

Developing and building a modern distance educational interactive teaching platform which give first place to provide networked physical education resource service and fully realize the resource sharing and could also use the Delight IP 5.0 distance interactive teaching platform, this platform could achieve interactive teaching, group teaching, real and unreal time teaching and distance interactive teaching platform to get the interact network teaching in different places, at the same time, it could view and emulate the whole network teaching process and proceed a real time comment. Building a big digitizing educational resource bank around the country, achieve the resource sharing according the digitizing educational information resource's characteristic in the area under administration to satisfy the middle and primary school educational teaching managing use in local area. Urban and rural middle and primary school should integrate various kind of informational physical educational resources, make full use of informational physical teaching equipment, to make sure that

the technical staffs could receive, download, save and manage all kinds of distance physical teaching resources timely and effectively so that they could do their technical service well, to make sure that the physical teachers could really bring some superior network physical teaching resources to the classroom.

### **Establishing good network physical teaching resource construction and sharing operation mechanism**

There are many kinds of physical sports events, not only include modern competitive sport events, but also include China S Ethnic Minorities and folk sport events, any of a developing unit or department could not build all the sport event's high quality resource of the network physical course. Government departments' overall arrangements, macro-control, and unified planning promoted the cooperation among the developing units, changed the used manual workshop developing situation, discarded the "selfish departmentalism", saved the unnecessary expenses, built network physical educational resource bank. All ranks of province, city and country physical and education department under the developing network resources premise, under the government's project, they could adopt the city and country, or country and country cooperation in local or different province, build resources together, sharing together in this system's operation, take out their own affirmed network physical teaching resource to the resource bank, so they have rights to get other department's different project's teaching resource from the resource bank, and put them in the resource bank again after using, revising and innovation, and build a virtuous of "access"---"achieve"—"access again".

### **Establishing a sound sustainable development country physical teachers training system**

School and educational administration department should enhance training potency dimension of country physical teacher modern information technique, build a set of science effective training system and build a sound training law and regulation system, training target and guiding ideology, training content, training mode, training management and so on. According to the large amount of the country physical teachers who were not professional by training but job transfer or part-time job teachers, it's hard to train all the teachers at a short time, so we should process adopt the method of layering and in batches stepwise train to achieve all the staffs training from spot to surface step by step, and deploy SSR, computer, television, DVD player and whole set teaching light disk for country middle and primary school in jumping-off and poverty-stricken area. Under this mode we could watch classroom in the air program, proceeding synchronous teaching, computer-aided instruction, teacher prepare the lesson, researching activities, teacher training and so on. Enhance physical teachers' training ability using information technique to process physical courses when they were training, blend the information technique in the physical teaching system by country physical teachers, and let them fully realize the meaning and effect by using modern information technique to process physical teaching, search gap from the teaching method of information technique and physical course integration, let the modern distance education equipment work real and let the modern information resource play a positive role in physical teaching and training.

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