
The Construction and Optimization Strategy of Physical Education Teaching Quality Evaluation System

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Abstract: This paper aims to discuss the construction and optimization strategy of physical education teaching quality evaluation system in order to improve the quality and effectiveness of physical education teaching. Through the analysis of the existing evaluation system, a series of improvement measures are put forward, aiming at building a more scientific, reasonable, and effective evaluation system of physical education teaching quality.

Keywords: Physical education teaching; Quality evaluation; System construction; Optimization strategy

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1. Introduction

With the deepening of education reform, as an important part of cultivating students' comprehensive quality, the improvement of physical education teaching quality has been widely concerned. Constructing a scientific and reasonable evaluation system of physical education teaching quality is of great significance for guiding teaching practice and improving teaching effect.

2. Analysis of the status quo of the physical education teaching quality evaluation system

In the current education system, as an important part of cultivating students' physical health and sports skills, the evaluation system of teaching quality is particularly important. This part will make an in-depth analysis of the current situation of the physical education teaching quality evaluation system.

2.1. Components of the evaluation system

In this study, we will deeply discuss the components of the physical education teaching quality evaluation system, which includes the evaluation objectives, contents, methods, and standards. These elements together constitute the basic framework of the evaluation system, and they play a vital role in ensuring the scientific and effective evaluation. We will analyze each of these elements in detail to understand how they interact and their respective importance in the overall evaluation system ^[1]. In addition, we will explore how to improve the quality of physical education through these elements, and how to use these evaluation results to guide teaching practice, promote the professional growth of teachers, and the improvement of students' physical education skills.

2.2. Implementation status of the evaluation system

We will deeply analyze the implementation status of the physical education teaching quality evaluation system in actual operation, including a detailed discussion on the organization, implementation of evaluation activities, and the application of evaluation results ^[2]. We will carefully examine every aspect of the evaluation system, from the development of evaluation criteria to the management of the evaluation process, to the feedback and utilization of the evaluation results. Through such analysis, we can more comprehensively understand the operation of the evaluation system in actual teaching activities, and identify and point out various problems in it, such as whether the evaluation criteria are scientific and reasonable, whether the evaluation process is fair and transparent, and whether the evaluation results are effectively used. In addition, we will also discuss how to improve the existing evaluation system in order to improve the quality of physical education and promote the all-round development of students.

2.3. Challenges and improvement directions of the evaluation system

In the following discussion, we will delve into the current challenges facing the evaluation system of physical education teaching quality and focus on analyzing the possible directions for improving the evaluation system in the future. This will involve many aspects, including but not limited to how to further improve the objectivity and fairness of the evaluation process to ensure that the evaluation results can truly reflect the quality of physical education; how to promote the sustainable development and innovation of physical education teaching better through the evaluation system; and how to make the evaluation system adapt to the new trend and requirements of the current education reform to ensure that the evaluation system is consistent with the educational objectives ^[3]. We will examine these problems from various angles and explore possible solutions in order to build a more perfect and effective physical education quality evaluation system.

3. Principles and methods for the construction of physical education teaching quality evaluation system

When constructing the evaluation system of physical education teaching quality, we should follow a series of principles and adopt appropriate methods to ensure the science, rationality, and effectiveness of the evaluation

system.

3.1. Principles

First of all, when constructing an evaluation system, it must be ensured that its basis is the educational goal and the unique characteristics of physical education teaching, so as to ensure the consistency between the evaluation content and the teaching goal [4]. The construction of the evaluation system needs to deeply consider the specific requirements of education goals and combine with the actual situation of physical education teaching, so as to ensure that the evaluation content can truly reflect the realization of teaching goals. Secondly, a comprehensive and objective evaluation system is essential, which needs to be able to comprehensively cover all aspects of physical education. This includes not only the teacher's ability to teach, such as teaching methods, classroom management, and interaction with students, but also student engagement, such as student motivation, classroom participation, and participation in extracurricular sports. In addition, the improvement of sports skills is also an integral part of the evaluation system, which needs to assess the progress and mastery of students in sports skills. Finally, the evaluation system should be highly operational, which means it should be easy to implement and manage. In order to achieve this goal, the design of the evaluation system should be concise, easy to understand and implement, and at the same time ensure the efficiency of the evaluation process and the accuracy of the evaluation results, so that teachers and school management can effectively use the evaluation results for teaching improvement and decision-making [5].

3.2. Methods

In the process of constructing the evaluation system of physical education teaching quality, we can adopt many different methods to ensure the comprehensiveness and accuracy of the evaluation. These methods include, but are not limited to, expert consultations, questionnaires, classroom observations, and student feedback. Through these diversified means, we can collect a wide range of data and information about the teaching effect of physical education. After collecting the data, we also need to use various statistical analysis techniques for in-depth processing and analysis of these data, so as to form a set of scientific and reasonable evaluation index system [6]. In addition, the construction of the evaluation system is not static, it needs to have a certain dynamic adjustment ability. This means that with the continuous progress of physical education teaching practice, we need to continuously optimize and improve the evaluation system according to the collected feedback information to ensure that it can truly reflect the quality and effect of physical education, so as to provide strong support for improving the quality of physical education.

3.3. Implementation procedure

In order to construct a comprehensive and effective physical education teaching quality evaluation system, we need to follow a series of detailed implementation steps. First, we must define the objectives and content of the evaluation,

which involves determining what kind of teaching effect we hope to achieve through the evaluation and what aspects of teaching need to be focused on. Next, we need to design appropriate evaluation indicators, which will be used as specific standards to measure teaching quality [7]. At the same time, we also need to develop or select appropriate evaluation tools to ensure the accuracy and effectiveness of the evaluation process. After these preparations are completed, we will move to the evaluation implementation phase, which includes collecting data, observing the teaching process, and evaluating the interaction between teachers and students. After the evaluation, we conduct an in-depth analysis of the collected data to identify strengths in teaching and areas for improvement. Finally, we collate the evaluation results and provide feedback to relevant teachers and administrators so that they can make instructional improvements based on the feedback. In the whole implementation process, we also need to pay special attention to ensure the fairness and transparency of the evaluation process, which can enhance the credibility of the evaluation results and ensure that the evaluation results are widely accepted and used in actual teaching improvement [8].

4. Optimization strategies of physical education teaching quality evaluation system

In order to improve the quality of physical education teaching, we need to optimize the existing evaluation system to ensure that it is more comprehensive and scientific.

4.1. Evaluation of strengthening process

In the traditional physical education teaching evaluation system, we often find a common problem: teachers and educational institutions tend to pay too much attention to the final scores of students in the physical education skills test, while ignoring the important value and far-reaching significance of the teaching process itself [9]. Although this results-oriented evaluation can quickly measure the degree of mastery of a certain sports skill, it can not fully reflect students' effort and progress in the learning process. In order to break this single evaluation model, educators began to explore and implement a more comprehensive and humanized evaluation strategy—intensive process evaluation. The core of this evaluation strategy is that while evaluating students' mastery of sports skills, students' progress and efforts in the learning process are also given sufficient attention and recognition [10]. In this way, we can not only have a more comprehensive understanding of students' learning status but also effectively motivate students to keep trying and making progress in sports learning, encouraging them to show perseverance in the face of challenges. Ultimately, this will help develop students' self-confidence and self-drive to go further, healthier, and happier along the path of physical education learning.

4.2. Diversified evaluation subjects

In the traditional education evaluation system, teachers' evaluation often occupies a dominant position, but this single-perspective evaluation method may not fully reflect the real performance of students in sports activities. In

order to make up for this deficiency, we should actively introduce a variety of evaluation subjects such as student self-evaluation, peer evaluation, and parent evaluation. Students' self-evaluation can make students reflect on themselves and develop their ability of self-evaluation and self-management. Peer evaluation can promote mutual learning and mutual encouragement among students and enhance team spirit. The parent evaluation can provide the school with students' performance from the family perspective, and help to form a good atmosphere of home-school co-education. Through this diversified evaluation method, we can comprehensively understand students' performance in sports activities from different angles, including not only their skills, but also their team spirit, competitive sense, sportsmanship, and other qualities ^[11]. Such a multiple evaluation system can help us get a more comprehensive and in-depth understanding, so as to make the final evaluation results more objective and fairer, and provide strong support for the all-round development of students.

4.3. Use of information technology means

With the rapid development of information technology, we have been able to use various advanced software and equipment to assist physical education teaching evaluation. For example, through smart wearable devices, we can record students' exercise data in detail, including key indicators such as heart rate, step count, and speed, which have very important reference values for evaluating students' physical fitness and sports performance ^[12]. In addition, with the use of video analysis technology, teachers can conduct detailed evaluations of students' movements, such as long jump, throwing, and other events; through playback and analysis of video, teachers can more accurately judge the quality of students' movements, technical essentials, and potential improvement space. The application of these techniques can not only improve the accuracy and efficiency of evaluation but also help students better understand their own sports performance, so as to conduct targeted training and improvement.

5. Conclusion

Through this study, we put forward a series of strategies for the construction and optimization of the physical education teaching quality evaluation system. The implementation of these strategies will help to improve the overall level of physical education, promote the healthy physical and mental development of students, and provide strong support for cultivating all-round socialist builders and successors.

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References

- [1] Song Z, Gong J, Fei H, 2025, Research on the Construction of University Public Physical Education Teaching Quality Evaluation Index System under OKR System. *Sports Vision*, (02): 82–84.
- [2] Zheng Q, Cheng Q, 2025, Construction of Diversified Evaluation System in the Reform of Physical Education in Higher Vocational Colleges, *Proceedings of 2025 Higher Education Teaching Seminar (Second Volume)*, Chongqing Telecommunication Vocational College, 126–128.
- [3] Shen D, 2025, Research on the Construction Path of Teaching Quality Evaluation System of Physical Education and Health Curriculum in Primary School from the Perspective of New Curriculum Standard. *Teachers*, (01): 143–145.
- [4] Lu Y, 2024, Construction of High School Sports Evaluation System to Promote Students' Healthy Growth. *Education*, (34): 85–87.
- [5] Fu C, Hou X, Zhou J, 2024, Construction of Teaching Quality Evaluation index System of Large Unit Based on Decision-Oriented Evaluation Model. *Journal of Liupanshui Normal University*, 36(04): 109–120.
- [6] Li T, 2024, Research on the Construction of Junior High School Physical Education Teaching Quality Evaluation System under the Background of New Curriculum Standards, dissertation, Jilin Institute of Physical Education.
- [7] Peng S, 2024, Research on the construction of Physical Education Quality Evaluation System in Changchun Higher Vocational Colleges, dissertation, Jilin Institute of Physical Education.
- [8] Ding L, 2024, Research on Practical Teaching Quality Evaluation System of Social Physical Education Major in Higher Vocational Colleges Based on CIPP Model. *Sports Vision*, (11): 155–157.
- [9] Lu Y, 2024, Research on the Construction of Teaching Quality Evaluation Index System of Technical Teachers in Sports Colleges and Universities, dissertation, Guangzhou Sports Institute.
- [10] Zhang S, 2024, Secondary Vocational School Physical Education Teaching Quality Evaluation Index System of Building Research, dissertation, Eastern Shandong University.
- [11] Tan Z, 2024, Research on Construction of Evaluation Index System of Junior Middle School Physical Education Classroom Teaching Quality under the Background of New Curriculum Standards, dissertation, Eastern Shandong University.
- [12] Wang C, 2024, Research on the Construction of Teaching Quality Evaluation Index System of Physical Education Major under the Background of Teacher Certification, dissertation, Wuhan Sports Institute.

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