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Study on school pe teaching evaluation system construction and manipulability

Xingsheng Zhang

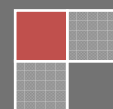
Lianyungang Technical College, Lianyungang, 222006, (CHINA)

ABSTRACT

With the widespread implementation of elementary education reform in the new period, huge changes have taken place in the model and ideology of physical education in many schools of china. The new model and ideology of school physical education have put forward new requirements on the school PE teaching evaluation system. However, there are some disadvantages in the existing PE teaching evaluation system, not meeting the requirements of new curriculum reform. So the study on school PE teaching evaluation system and manipulability is badly needed to cope with the contradiction and problems between the theory of school PE teaching evaluation system and practice, with the purpose of improving the physical education teaching level to a higher level of development and reform and promoting the comprehensive improvement and development of students' quality. This paper takes school physical education teaching evaluation system and manipulability as research perspective on the basis of reading a large number of relevant literatures, introducing the contents of evaluation system and the importance of the evaluation system construction, and analyzing the current situation of the physical education teaching evaluation system. Operational strategies of school physical education teaching evaluation system have been proposed to deal with specific questions. For example, the teaching evaluation index system shall be diversified, and the contents of evaluation shall also be diversified, the subjectivity of evaluation object shall be given full play. At last, I hope that this research can provide some references for the construction of school physical education teaching evaluation system.

KEYWORDS

Physical education; Evaluation; system; Manipulability.



INTRODUCTION

With the widespread implementation of elementary education reform in the new period, huge changes have taken place in the model and ideology of physical education in many schools of china. So, new PE teaching evaluation system is badly needed to cope with this change, resolving the contradiction and problems between the theory of school PE teaching evaluation system and practice. And the deepening and development of china’s physical education teaching reform is promoted, with the purpose of improving the physical education teaching level and promoting the all-round development of students' comprehensive quality and accelerating the development of PE teaching to a higher level of development and progress.

Now, the establishment of school physical education teaching evaluation system has many PE teaching theories and the related exploration of researchers. And the exploration of physical education teaching evaluation system has never been stopped, and great progress has been achieved in many aspects.

The developmental PE teacher evaluation system wrote by the scholar Wang Binhua, the basis and the methods of PE evaluation system construction under the view of quality education wrote by Yang Renkang and etc, research on school PE teaching evaluation system and manipulability wrote by Liu Zhihong, dr. the new evaluation methods of physical education teachers wrote by Shen Junyi and Huang Wencan, all the papers study the construction of physical education teaching in the method of combining theory and practice, and different methods are used to reflect and discuss the current physical education teaching evaluation system from different angles. Some suggestion are also put forward to deal with the problems existed in the physical education teaching evaluation system, and it has a profound significance for the construction of school physical education teaching evaluation system. This paper introduces the contents of evaluation system and the importance of the evaluation system construction and analyzes the current situation of the physical education teaching evaluation system on the basis of reading a large number of relevant literatures. Operational strategies of school physical education teaching evaluation system have been proposed to deal with specific questions. And I hope that this research can provide some references for the construction of school physical education teaching evaluation system.

THE CONTENTS OF THE PE TEACHING EVALUATION SYSTEM

Physical education teaching evaluation is one of an important aspect of education evaluations, and is the embodiment of education evaluation practice in the field of sports. Due to the complexity of the physical education teaching, the evaluation of the physical education effect must be comprehensive and careful, and two aspects shall be focus on. Firstly, pay attention to subjective aspect: the subjective aspect mainly refers to the followings such as the determination of the teaching goal, the organization of the teaching content, the persistence of teaching principle, the selection of appropriate teaching methods. The physical education teaching work is mainly charged by teachers, and from this point of view, the teacher is the chief subjective aspect. Secondly, pay attention to the objective aspect: the objective aspect mainly refers to the following such as the relevant facilities of school sports teaching, the number and the quality of sports equipment, the basic situation of students, the teaching management system and logistics service, etc. the objective factors is out of control of the physical education teacher, so the evaluation of physical education teaching quality shall be paid attention to. However, the teacher shall adopt dialectical attitudes to the problem during the process of evaluation on the learning quality of the students: On the one hand, students' learning quality is the direct reflection of the teaching quality of teachers and is also one of the important indicators to evaluate teacher's teaching work; On the other hand, as the main body of learning, students themselves is the subjective factor and the external factor, and external factors play a role through the internal factors. Students as the main body of learning and affected by many external factors, the quality of student learning as the only standard to evaluate teachers teaching quality is improper.

In short, the evaluation of teachers' teaching quality shall be carried out from multiple perspectives and many aspects, a variety of teaching evaluation index shall be chosen to evaluate teaching activities. The evaluation index system mainly includes the teaching process, teaching effect and teaching assessment. See it in Figure 1. When evaluate the sports teaching activities, the appropriate weights shall be chose to analyze the three indicators, as shown in Figure 1. The teaching evaluation index contents and weights is shown as TABLE 1.

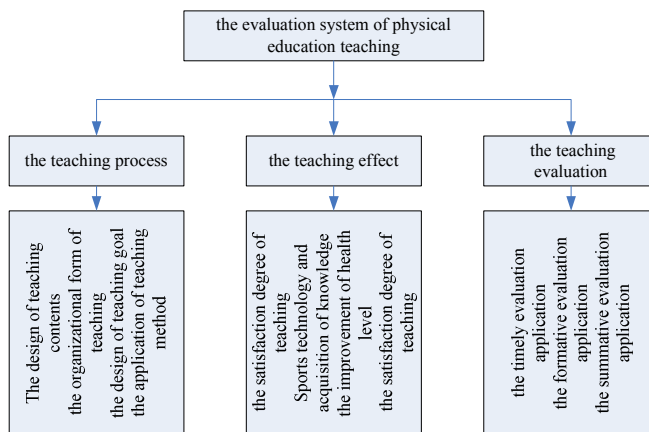


Figure 1 : The evaluation index system of physical education teaching

TABLE 1 : The teaching evaluation index contents and weights

The teaching evaluation index contents	Weights
The teaching process	0.342
The teaching effect	0.336
The teaching assessment	0.332

The teaching process indicators

The teaching process is an orderly operation system participated by teachers and students. A whole teaching process is composed of specific goal, effective incentive mechanism, scientific teaching contents, orderly teaching procedures, timely feedback and comprehensive evaluation results and etc. In this process, the teacher should explain the teaching materials in details according to different learning needs of students. While the students should comprehensively perceive on the teacher's teaching contents and digest in accordance with the guidance of teachers.

When the investigation and analysis of teaching process indicators is carried out, four indicators considered are as follows: the teaching methods, the teaching aims, the teaching organization and the selection of teaching contents.

Firstly, the teaching methods shall be paid attention to when measuring the physical education teaching process indicators. And the teaching methods shall be selected according to different learning contents and teaching tasks, and also the learning situations of different levels of students. Besides, it also should be flexible and change with the circumstance^[2]. To be specific, the selection of teaching method should adhere to the following principles: effective teaching methods are chose according to the specific aims and tasks, the characters of the teaching contents, the teaching hours, the teacher's own conditions and the existing situation, The actual level and the characteristics of students, the usable range, conditions and efficiency of different methods^[3].

Secondly, the teaching aims shall be considered when measuring the physical education teaching process indicators. The design of the teaching methods should ensure the integrity of the teaching aims. The teaching process is an orderly operation system, so the teaching aims should include different teaching aims. The hierarchy of the teaching aim shall be ensured by the design of teaching goal. So in the physical education teaching activities, the hierarchy of the teaching aim shall be focus on and the design of teaching aim shall be adapted to students' level, promoting the all-round development of students' quality^[5].

Thirdly, the teaching organization shall be focus on when measuring the physical education teaching process indicators. Compared with other teaching activities, the physical education teaching is specificity. Due to the complexity of the organization of the teaching activities, the organization form of the teaching activities has play an important role in the implement and development of the PE teaching activities.

Fourthly, the selection of teaching contents shall not be ignored when measuring the physical education teaching process indicators. And the selection of physical education teaching contents shall reflect the target and task of the teaching, promoting the improvement of students' overall quality.

The teaching effect indicators

The physical education teaching effects are as follows: Firstly, meet the needs of the education teaching goal and requirement, and the students master corresponding sports skills and knowledge, promoting the improvement of students' body quality; Secondly, the students get exercise through the sports teaching, and meanwhile their psychological quality is improved; Thirdly, the students form the habit of physical exercise through the sports teaching, and carried it into daily life^[2].

The followings are the main indicators to evaluate the sports teaching effect. Firstly, the healthy level of the students'. To promote the improvement of students' health level is the first goal and task of sports teaching, and it is also the ultimate value of sports teaching^[5]. Secondly, the students master sports skills and knowledge. The students fully mastering the sports skills and knowledge is the direct reflection of sports teaching effect^[3]. In order to make the students fully mastering the relevant sports skills and knowledge, the methods of movement and mastery of the skill main points in the sports teaching shall be focus on. Thirdly, the satisfaction of students in the physical education teaching, the teaching effect of teachers' will produce different effect on the students, and the students has some experience and feelings in the whole process of the teaching. So the satisfaction of students in the physical education teaching is one of the important indicators.

The teaching evaluation indicators

Teaching evaluation is not only the overall assessment of students' school record and learning abilities, but also the evaluation of the teacher's teaching effect and teaching ability^[5]. The physical education evaluation can be inspected from the following three aspects such as instant evaluation in the class, the stage formative evaluation and the final summative evaluation.

Firstly, focus on the application of instant evaluation in the class. The instant evaluation in the class means that the teachers give instant evaluation and clear suggestion on the students' performance in the usual teaching activity^[5].

Secondly, enhance the application of the stage formative evaluation. Physical education teaching evaluation should pay attention to the stage formative evaluation in the teaching activity. Formative evaluation refers to the evaluation on the students' learning process and learning effect in the process of teaching. It can timely carry out evaluation and feedback of

the teaching information^[5]. So a test and assessment can be conducted after finishing a set of project activities in the usual teaching activities. In the stage formative evaluation, the following aspects can be considered. See the details in Figure 2.

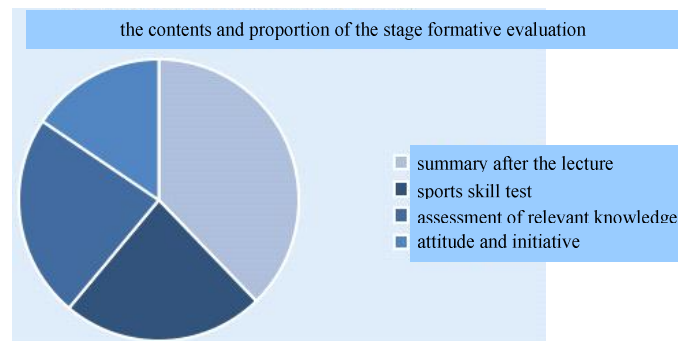


Figure 2 : The contents and proportion of the stage formative evaluation

Thirdly, focus on the application of summative evaluation. Summative evaluation is carried out at the end of the teaching activities, for example, the final examination and assessment and so on. The teacher should combine formative evaluation with summative evaluation in order to give students comprehensive and systematic evaluation when implementing teaching evaluation. The combination of formative evaluation and summative evaluation is good for students learning more effectively, ensuring the effectiveness of physical education teaching activities, and therefore meeting the needs of the students' self development.

THE IMPORTANCE OF THE PHYSICAL EDUCATION TEACHING EVALUATION SYSTEM CONSTRUCTION

The main function of physical education lies in the exercise of student's body and soul. Improving students' physical fitness is the special function of sports education, and the other education has not this function. School physical education combined with the moral education, intellectual education, aesthetic education and other education enhances students' physical fitness, and at the same time is good for students' all-round development and progress^[6]. School physical education activities helps to improve the health level of the Chinese nation, and is conducive to the prosperity of the whole nation.

With the development of the school physical education teaching, there are some changes in the school physical education evaluation. And the school physical education evaluation is a branch of modern physical education theory, and is influenced by many factors such as the assessment of the main physical education teaching evaluation objects, evaluation tools, evaluation methods and the evaluation environment and etc. The implement of the physical education teaching evaluation can improve the assessment of school and promote the comprehensive and sustainable development of school physical education teaching. The function of physical education teaching refers to the force and capability which may lead to changes in the physical education teaching evaluation, and is an important part of physical education teaching activities. It also has its own function^[5]. Firstly, it has diagnostic function. Physical education teaching evaluation is check-up of the teaching activities, and is the careful and strict diagnosis of teaching and scientific research on the present situation of teaching, aiming at improving the quality of physical education teaching and meanwhile as its guidance. Secondly, it has the guiding function. The physical education teaching evaluation activities provide direction and set clear goal for teachers and students. Thirdly, it has incentive function. From the perspective of teachers' education, the assessment can provide teacher with necessary decision information. While from the perspective of students' learning, the teaching assessment can improve learning efficiency of the students and promote their physical health. And the final assessment can improve the level of teaching management^[2]. Fourthly, it has predicted function. The prediction function of physical education teaching evaluation is function and ability of the predicted and speculated objects. It can evaluate the development trend of teaching according to the current assessment. The TABLE 2 is the students' understanding of physical education teaching evaluation in a investigation of a middle school.

THE PRESENT SITUATION OF PHYSICAL EDUCATION TEACHING EVALUATION

The physical education teaching evaluation is the inspection of teaching situation about the physical education teachers. It can not only improve the teaching quality of the physical education teachers, but also understand the learning situation of students timely, thus to improve the learning efficiency of students. However, now physical education teaching usually evaluates just for evaluation, and has many problems.

The simplicity of evaluation subject and object

The top-down evaluation is treated as the evaluation subject in the current physical education teaching evaluation. Though some self-evaluations of the person evaluated are existed, on the whole the person evaluated is still in negative

situation. At present, the same level teaching evaluation and bottom-up evaluation are extremely rare. The subject and the object of the evaluation is very simplicity. For example, self-evaluation of the students and teachers, the evaluation of students to teachers and students to students are rarely existed. See it in Figure 3.

TABLE 2 : The students’ understanding of physical education teaching evaluation

Choices	Frequency	Order
help the teachers understand the learning situation of students in a timely manner	3067	1
Constantly perfect and improve teachers' teaching behavior	2820	2
Treat students' physical education learning objectively	2560	3
Encourage teachers' creative thinking	2478	4
Encourage the teacher to prepare the lecture earnestly	2439	5
Timely feedback on the teachers' teaching level	2059	6
Put forward specific and clear requirements on teachers' teaching	1815	7
further understand the teaching goal	1731	8
others	75	9

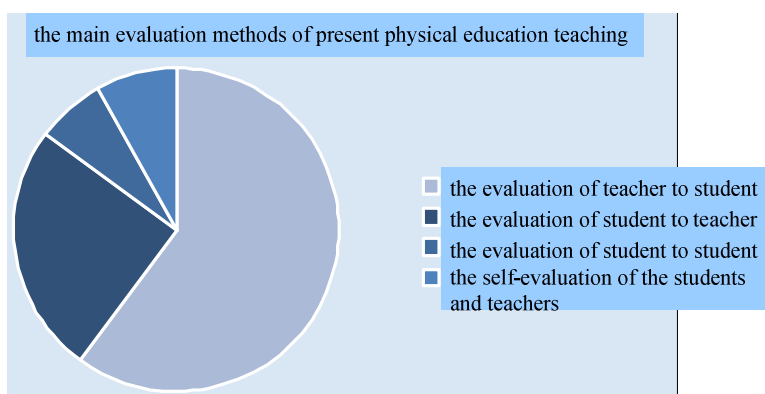


Figure 3 : The main evaluation methods of present physical education teaching

The simplicity of evaluation contents

The current physical education teaching evaluation most emphasizes on the evaluation of student’s learning achievement, and the summative evaluation is used as the main evaluation method. For example, the evaluation of students’ physical fitness and skills is emphasized on, and traditional sports performance is focus on. On the methods of evaluation, quantity is highlighted and quality is ignored. The contents of current physical education teaching evaluation are mostly physical education discipline knowledge, lacking notice of students’ physical and mental health and the sports participation^[7]. The traditional sports teaching evaluation theory thinks that high Standards rate and high score show the best teaching effect. And this evaluation outlook has hindered the improvement of PE teachers' teaching level, and the development of teachers and students have been into a wrong direction^[5]. TABLE 3 is the evaluation content usually adopted by the teacher in current physical education evaluation.

TABLE 3 : The evaluation content classification adopted by the teacher

Choice	Frequency	Order
students physical quality standard of different stages	1441	1
The skill standards of various sports	1122	2
the sports interest of students	1052	3
Sports participation situation	986	4
classroom observation	403	5
Use psychological testing scale	28	8
others	2	7

THE CONSTRUCTION STRATEGIES OF THE SCHOOL PHYSICAL EDUCATION TEACHING EVALUATION SYSTEM

The teaching evaluation index system shall be diversified

The construction of a scientific and reasonable evaluation index system is an important premise to ensure the effectiveness of the school physical education in the physical education teaching, promoting the realization of the physical education target. In the past whether education institution or school sports department only build the school physical education teaching evaluation index system from the perspective of the government, so the construction of physical education teaching evaluation index system should break through the constraints of traditional evaluation system model. To be specific speaking, the school physical education evaluation system must pay attention to the principles of combination of quantitative and qualitative, process assessment and summative assessment, relative and absolute evaluation in the process of assessment. In addition, before the construction of physical education teaching evaluation system, the school must understand overall objectives and specific goals of the physical education training carefully and establish a diversified evaluation index system fundamentally^[6].

The evaluation contents shall be diversified

The new type physical education evaluation focus on students' comprehensive assessment, not only pay attention to the students' cognitive ability, sports skills, but also pay more attention to the overall quality of the students' physical and mental health, especially the individual ability to identify and unique development. When determining the physical education teaching evaluation content, the diversity of evaluation contents shall be ensured. The evaluation should pay attention to checking the students' overall quality and assessment of students' sports participation, should not only evaluate students' performance, ensuring the student's main body status to inspire their enthusiasm and interests to participate in sports activities. The evaluation contents should attach great important to the quality and quantity, and the examination should not only pay attention to the "skill" or "knowledge", but also behavior level "participation" and "performance"^[6].

Perfect the incentive mechanism of evaluation

The incentive mechanism of the teaching evaluation is not highly valued in the views of traditional teaching evaluation, causing school physical education teaching evaluation in passive awkward situation. The incentive mechanism is the inner power and source of school physical education teaching evaluation. A reasonable incentive mechanism needs to be formed in school physical education teaching evaluation system under the background of new curriculum reform. Differential incentive shall be carried out according to the specific condition of different students,

And individual evaluation incentive mechanism shall be implemented. The evaluation contents and ways shall be reformed to make the students participate in school sports teaching evaluation activities actively, and the evaluation results shall be made full use of to inspire the students, aiming to establish and perfect incentive mechanism of the sports teaching evaluation^[7].

Give full play to be the subjectivity of evaluation object

In the past traditional sports teaching evaluation mode, the objects evaluated are in a passive state. And the teachers' passively accept their evaluation made by evaluation subject and ignore the subject status of the evaluation objects, impairing the initiative of the teachers greatly. New curriculum reform demands fully respect the principal position of the objects evaluated, and give full play to the subjective initiative of theirs^[8]. For example, in the teaching evaluation, the teachers shall timely carry out self evaluation, self reflection, self monitoring and self development, etc. In the process of self-assessment, the teachers should give full play to their dominance and initiative in the physical education teaching evaluation^[9].

CONCLUSION

The physical education teaching evaluation is a scientific management of physical education teaching activities, the construction of a reasonable and effective physical education teaching evaluation system can promote the physical education teaching reform smoothly and the improvement of teaching quality. A reasonable, efficient and scientific physical education teaching evaluation system is badly needed to establish with the promotion of new curriculum reform. Although china's education system reform is developed gradually, and school physical education teaching evaluation work also has some achievements, compared with the requirements of the new curriculum reform, the school physical education teaching evaluation system is still lagging behind. Relevant educators shall change their perceptions in the new period, and constantly improve the construction of school physical education teaching evaluation system with scientific education idea as guidance, promoting the smooth development of sports teaching evaluation work.

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