

# Research on Evaluation System of Learning Quality in Rural School's Sports and Healthy Curriculum

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**ABSTRACT:** In order to evaluate students' learning quality scientifically and reasonably, This paper utilized the way of literatural material, questionnaire survey, contrast analysis, mathematical statistics and so on to analysis synthetically on content ,standard and method of primary and secondary school's sports and healthy curriculum. The author had constructed evaluation system of learning quality by four first-level indexes. It mainly includes evaluation method, function, way and standard and so on.

**KEYWORD:** Sports and Healthy Curriculum; Learning Quality; Evaluation System

## 1 EVALUATION PURPOSE

It clearly states that set up the evaluation system to promote students' overall development in Basic Education Curriculum Reform (Trial). How scientific and resonable evaluate students' sports and health results, making the evaluation becomes better ways to promote students to learn and actively participate in sports activities. It is an urgent problem of sports and health curriculum. The PE teachers in rural areas of the curriculum reform not only are the leader, but also the executor of teaching reform policies, their understandings play an important role on the purpose of evaluating whether deep. So we had from five aspects of rural sports teacher conducted a survey, the results are as follows:

Table 1. The survey to PE teachers' main purpose of learning evaluation (N=157)

Category	X1*	X2*	X3*	X4*	X5*
N	153	62	47	116	104
%	97.45	39.49	29.94	73.89	66.24
Sequence	1	4	5	2	3

\* X1: understanding learning, X2: understanding and progress of the student achievement degree, X3: Students ability, X4: to promote the development of students, X5: showcase of student ability.

Understanding learning situation accounts for 97.45 percent and Promoting the development of student's accountes for 73.89%, giving a platform to show students' ability accountes for 66.24%, all exceed the half from table 1. But the two aspects about understanding students' achievement and

progress and training Students' ability do not have enough understanding. About students' achievement and progress the rural physical education teachers do not consider students' individual differences, and do not as a part of the evaluation, especially in considering the progress. In addition, some teachers think students the ability to evaluate and no relation, in the actual academic performance evaluation is still a single teacher evaluation, there is no self-evaluation and the evaluation team, is still traditional students, teacher evaluation. Lack of physical education teachers for evaluation purposes of understanding, leading to the current situation of academic evaluation of the content, only the students 'skills and athletic ability to be assessed, the expense of students' learning attitudes, habits, evaluation and other aspects of the spirit of cooperation. Even exist for the evaluation of individual schools and teaching, the teaching as a teaching goal to treat the cart before the horse phenomenon.

The purpose of studying its main function is to evaluate the feedback and encouragement, rather than screening and selection. The purposes of the evaluation study are: (1) understand student learning and performance, judged inadequate in the presence of students, analyze their causes, and to improve teaching. This is entirely consistent with the nature of property evaluation, feedback can be a good teaching information to guide teachers careful analysis, to find the cause, lessons learned, efforts to improve teachers teach and students learn. But also on the teaching content, teaching methods, organizational forms, such as improved and increased. (2) For students to demonstrate their skills, level, personalized platform, and to encourage and

promote the progress and development of students. By learning evaluation, allow students to fully demonstrate their strengths sports learning process, to experience the fun and joy of success in sports activities, enhance sports learning self-confidence, which helps students to further learning and development.(3)understand student learning objectives to the extent that it is not only to understand the situation of the students physical and motor skills, but also to understand the behavior of students in learning activities in the performance; learning goal is not just a requirement for all students to meet the same standards should also include an individual effort, that the degree of progress. (4) students self-awareness, the ability to self-education. Through student self-learning evaluation, the students what happens to their physical fitness, skills, attitudes, behavior, interpersonal and other aspects have a clear and correct understanding, to see their strengths and weaknesses on this basis, better development and progress.

## 2 EVALUATION CONTENT

"New Standard" teaching evaluation under "Health First" philosophy to guide the evaluation, learning evaluation should be based on the motion "standard" in the proposed participation, motor skills, physical health, mental health and social adaptation of the five learning areas based on specific objectives, a comprehensive assessment of student learning. Which adds a new mental health and social adaptation of two elements. In addition, some scholars of the mental health and social adaptation questioned that mental health and social adaptation is not just rely on the number of physical education to improve, and physical education to some extent, can indeed improve students' psychological status and ability to adapt, but it is a social problem, is society as a whole by the environment caused by these two to evaluate the content of the teaching is not appropriate. Conversely, even if appropriate, for now the school teacher, student status, space equipment, workload, etc., in the actual operation of how to evaluate? Mao Zhenming also proposed, should be abolished, "mental health" and "social adaptation" goal, set up a "moral character" or "character and behavior" goal. There are some scholars have proposed "student fitness, knowledge and skills, learning attitude, cooperative spirit, healthy behaviors into the scope of the evaluation study, the abolition of affection performance."

The author thinks that according on "standard" spirit and believing the basis of combining literature . Currently on the evaluation of the content there is a big difference. In this paper, taking into account the actual situation and the school's teachers

operability, design problems, "combined with the actual situation of the school, you think we should evaluate student performance in the following areas," we can see from the table, sort the top six agree that the number of names over 55%. They are: skills, physical fitness, learning attitudes, health behaviors, ethics, sports knowledge. Several other operational bad or they think there is no need, in which the spirit of cooperation which can be incorporated into learning attitudes study.

Table 2.The survey to PE teachers' about evaluation content of learning evaluation (N=157)

Evaluation Content	N	%	Sequence
Physical fitness	135	85.99	2
Sports knowledge	87	55.41	6
technical ability	157	100	1
Learning attitude	121	77.07	3
Mental Health	35	22.29	8
Social adaptation	24	15.29	10
Affective erformance	32	20.38	9
cooperation Spirit	56	35.67	7
Health Behavior	119	75.80	4
Moral character	103	65.61	5

## 3 EVALUATION WEIGHTS

For learning assessment, many scholars and experts put forward their own build system. The main subject of five indicators of class 5 according to the expanded content were discussed, mainly the lack of affection operational performance, the spirit of cooperation may be added to the learning attitude, an absolute evaluation of the status of physical fitness is not prominent and so on. We combine a lot of literature and the basis of previous studies, the development of a viable and effective four-level indicators, they are: physical, knowledge and skills, learning attitude, Moral character and health behavior. Invited 10 experts and 157 physical education teachers participated in the survey, for the four indicators is important to make five scale. We give 5,4,3,2,1 were Fufen, obtained scores for each indicator, and calculate its weight, maneuverability were finally combined weight adjustment, the results are as follows:

Table 3. The importance of students' achievement evaluation

Evaluation Index	Physical fitness	knowledge and skill	learning attitude	Moral character and health behavior
Expert	38.67	19.65	32.45	9.23
Teacher	36.28	24.13	29.59	10.00
revising	35	25	30	10

## 4 EVALUATION FORM

We can see from Table 4, experts, teachers and students of the teacher evaluation reliability is high, more than 95%; group recognized the value of the evaluation, accounting for more than 60%; experts believe that increasing the proportion of self-evaluation, students are eager to become an evaluation, and teachers think their credibility is poor; for parents to evaluate the recognition is not high.

Table 4. The survey to Expert, teacher and student on learning evaluation forms

Category	Expert		Teacher		Student	
	N	%	N	%	N	%
Teacher Evaluation	10	100	157	100	1776	94.77
Self-evaluation	7	70	63	40.13	1314	70.12
Team Evaluation	8	80	95	60.51	1436	76.63
Parents Evaluation	3	30	46	29.30	655	34.95

In practice, there are many problems in the form of a wide range of evaluation. Mainly reflected in the following questions. (1)The actual operation difficulty of students and parents is too large, it is difficult to reflect their true level, some results without screening the phenomenon will appear. (2) The effectiveness of students' mutual is questionable, The supervision of teachers of mutual group worth exploring. (3) Neglect the guiding role of the teacher's evaluation, a person to evaluate is a single point, but the evaluation scale can be roughly control, the maneuverability is strong. According to the above problems, we put forward the following reflection: (1) evaluation of a wide range of forms in the right direction. (2)We should highlight the subject status of teachers' evaluation. (3)the student's own assessment and evaluation team needs proper supervision of teachers.

## 5 EVALUATION METHOD

For student assessment and summative assessment process must be combined with quantitative evaluation and qualitative evaluation of the combination, the transition from unity to diversity evaluation. A fundamental problem encountered by physical education teachers in rural areas, which is embodied in the form of student achievement? Proposal "qualitative evaluation" adopted "write reviews" mode, and "quantitative evaluation" adopt "Count score" approach. It is a reasonable choice, scores need to quantify, reviews require qualitative

analysis. Most importantly, reviews should include evaluation of speech development, proposed incentive, scientific advice for the next student learning.

Summative evaluation combining with process evaluation, but the end result is the latter . Pay attention to the process of evaluation should be a consensus, the key is how to carry out an effective evaluation process.The important value of evaluation process is summarizing the stage of learning outcomes, founding sufficient progress and recognition of subsequent conduct to promote learning and adjustment; summativinaccumulation of material, making summative assessment more objective and impartial.

## 6 CONSTRUCTION OF EVALUATION SYSTEM

Evaluation based on the concept of the new curriculum standards, student achievement in the development of the evaluation system, the basic point of the author are: (1) the evaluation emphasize that the process of evaluation, dilute with qualifying scores, you can use "rating system + reviews" evaluation methods. (2) the evaluation should reflect the operability, easy. (3) evaluate the learner to reflect the level of effort. Scientific and (4) evaluate the content. Based on the above ideas, I think, Sports and Health New Curriculum student performance evaluation system is constructed from four indicators under a specific evaluation methods, functions, methods and standards. Evaluation needs some way associated with the comment text descriptions to supplement and make up for the quantitative analysis of shortcomings.

### 6.1 Physical Fitness

Our school is set up in line with the actual situation, simple test items, their reliability, validity, objectivity, operability has been proven in years of school sports practice, these test items covering the human form, many aspects of performance, physical fitness and athletic ability. From the age of the students as well as the characteristics of space, equipment, cost, time, and other considerations, students in all grades will test test project into selected projects and test projects. Each student on the basis of a combination of increase and assessed, highlighting the achievement scale and progress of the two, with the progress you can get the proper score. See specific secondary indicators, specific gravity, standards, etc. "National Student Physical Health Standard Interpretation," I will not elaborate. According to this idea of the design of this building.  $Y = X1 + (X1 / Y1 - X0 / Y0) \times 100$ . Y: The term student achievement; X0: original score; X1:

existing achievements; Y0: class original GPA; Y1: Class existing grade point average. It should be noted that the test results into the school after the beginning of the school should be carried out as an original score, after all the previous semester's grades as the original results. This formula not only embodies the qualities a good score could have reflected the progress you can get the proper results. Evaluation of absolute quantification, the implementation of quantitative evaluation. In the form of teacher evaluation, student evaluation and do not require the evaluation team. With teachers and school leaders in the discussion process, also known as the school of rural schools Linyi degree of attention, the quality of teachers, testing equipment and other reasons are not optimistic, it can not strictly enforce the Constitution and Health Standards.

## 6.2 Knowledge and Skill

Sports and health evaluation mainly is to know the students' basic sports knowledge, master of health and health care knowledge and the ability to use it, accounting for 5% of the learning evaluation. Evaluated in accordance with the requirements of the course objectives and specific teaching content, using the teacher combines quantitative and qualitative methods. Quantitative evaluation mainly through noodles, job evaluation, etc., qualitative evaluation mainly through the usual questions, discussions, lectures, etc. evaluation. Qualitative evaluation usually in the form of portfolio collection and analysis by teachers, school (s) at the end of a comprehensive and objective evaluation.

To reflect the students' individual differences of movement skill, play the role of evaluation incentive mechanism, mobilize students' learning initiative and enthusiasm, motor skills to master and apply the evaluation into the evaluation and progress evaluation magnitude. 20% of learning motor skills assessment, which skill to master and use 15 per cent, 5 per cent rate of progress. Motor skills teacher uses quantitative and qualitative evaluation methods, the process of combining with the end of. Provide more opportunities for students to select specific learning content according to the academic year (unit teaching content), attention focuses select both the students like, but also to promote the overall development of students, with the typical sense of the fitness program. Evaluated in accordance with the rate of progress of each student on the basis of an increase in the magnitude and comprehensive evaluation of each student to master motor skills and improve the degree of utilization (physical fitness evaluation method with the rate of progress).

## 6.3 Learning Attitude

Teach and learn in the process of cooperation in practice, the rules, with the attitude of other symptoms.

30% Sports attitude and total points. Each semester based on learning skills when playing games or evaluate a project, 2 times per person average. Teachers combine content before each assessment practice guidance evaluation requirements, standards, first by the students' own self-evaluation, and then divided among the members of the evaluation team, and finally carried out by teachers in accordance with 5,3,2 and adjusted consolidated Fufen evaluation. The score for each student: personal evaluation score evaluation score of 20% + 40% + Sub Teacher Evaluation 20%.

## 6.4 Moral Character and Health Behavior

Contents of ideological and moral education of physical education curriculum makes traditional ideological and moral education is missing. This emphasizes the current party and the country to strengthen ideological and moral education of students does not meet the spirit, it is difficult to give full play to physical education curriculum for students in the role of ideological and moral education. Evaluation of health behaviors - Student evaluation of health behaviors include lifestyle content (such as eating habits, etc.), to comply with rest system, the maintenance of personal hygiene and public health behavior.

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