

MEASURES TO MEET REQUIREMENT ON PROFESSIONAL ABILITY DEVELOPMENT FOR HIGH SCHOOL'S PHYSICAL EDUCATION TEACHERS IN NORTHERN PROVINCES

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Abstract:

By using the common scientific research methods, the study has selected 13 criteria to evaluate the requirements on professional ability development for high school's physical education teachers in the North. On such basis, the study has assessed status quo of the requirements on professional ability development and selected 05 measures to meet the requirements on professional ability development for the teachers. Initial testing of solutions has shown correspondence with the requirements.

Key words: Measure, requirement, meet, professional ability, high school, teachers of physical education, Northern provinces...

INTRODUCTION

In the face of actual demand on educational innovation, the professional quality of high school's physical education teachers in the Northern provinces has exposed weakness. That is the limitation in knowledge and practical skills of sports under the curriculum, professional potential and ability to meet the requirements of educational innovation, knowledge and skills in examining and evaluating results of the subject, as well as the knowledge and skills in self-learning and professional capacity's self-development.

RESEARCH METHODS

The research has used the following methods: document reference, pedagogical observation, interview, pedagogical experiment, and mathematical statistics.

RESULTS AND DISCUSSION

1. Actual situation related to requirements on professional knowledge improvement by physical education teachers of high school in Northern provinces

Through the research results of actual situation, document reference, pedagogical observation and direct interview with physical education experts, the study has selected 17

contents of professional ability development for physical education teachers of high school in Northern provinces.

In order to select the most appropriate criteria for evaluating the professional ability of the teachers of physical education at the training institutions, we have interviewed by questionnaires 32 physical education managers, education experts, the senior teachers of physical education. The results were selected 13 criteria to assess the requirements on professional ability development for physical education teachers of high school in the North.

Based on the selected criteria, we have carried out methods to assess status quo of the requirements on professional ability development by interviewing 57 teachers from 39 high schools in the Northern provinces. The results presented in Table 1.

The Table 1 shows that the teachers feel extremely satisfied with the criteria of professional knowledge development in the interview and want to participate in the professional knowledge development.

This means that the teachers themselves are deeply aware of the underlying problems on their professional ability in physical education activities at high school. This helps to promote

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the formation of demand on professional ability improvement to meet the requirement on comprehensive renovation of education and training. Therefore, the improvement of the professional ability for physical education teachers at high school level is a necessary and urgent issue in the current period.

2. Reality of professional ability improvement for high school's physical education teachers in Northern provinces

By interviewing 57 teachers from 39 high schools, the study has surveyed the actual situation of professional ability improvement for physical education teachers at high school level in Northern provinces. The results show that the improvement of professional ability for physical education teachers at high school level in Northern provinces still reveal several limitations. 100% of interviewed teachers have not participated in professional training organized by the Ministry of Education and Training. More than 80% of interviewed teachers have not attended the professional training courses organized by the Department of Education and Training in the provinces. 100% of interviewed teachers have not participated in the professional training courses organized by Education and Training Division.

3. Selection of measures to meet demand of professional ability improvement for high school's physical education teachers in Northern provinces

The selection of methods has complied with the principles of practicality; synchronism, feasibility and scientific assurance.

Through the results of the real situation, material reference, direct interviews teachers and experts and interviews by questionnaires, the study has selected 5 measures to meet the demand of professional ability development for the teachers, including:

Measure 1. Develop the criteria for professional qualification evaluation of physical education teachers at high school level

Measure 2. Organize and assign the training under specialization (suitable with the professional training, the capacity and results of self-training)

Measure 3. Organize on-the-job training under the supplement and re-training to improve the professional ability for teachers of physical education

Measure 4. Implement the necessary administrative measures to encourage and promote teachers to improve their capacity

Measure 5. Implement the planning of professional practice for teachers of physical education.

We have selected and built in details the contents of measures to meet demand of professional ability improvement for high school's physical education teachers in Northern provinces and then verified their performance by interviewing 12 physical education experts (including professors, associate professors, and doctors specializing in physical education and sports at school.

The results of verifying the performance of the measures to meet demand of professional ability improvement for high school's physical education teachers in Northern provinces show that the experts have highly appreciated the practical applicability and the degree of impact as well as the effectiveness of the measures to meet the demand of professional ability development for the teachers. The measures have been highly evaluated from 75.00% to 100% for all contents. Thus, the selected measures of the study show appropriate to meet the demand on professional capacity improvement for the teachers.

CONCLUSION

1. The study has selected 13 criteria to assess the requirements on professional ability development for high school's physical education teachers in the Northern provinces. The results show that the teachers themselves have been deeply aware of the underlying problems on their professional ability in high school physical education activities. This helps to promote the formation of the demand on training to improve their professional capacity to meet the requirement on comprehensive renovation of education and training. Meanwhile, the development of professional

Table 1. Reality of requirements on professional knowledge improvement by high school's physical education teachers in the Northern provinces (n=57)

No.	Criteria of evaluation	Very expectant		Expectant		Unexpectant	
		m _i	%	m _i	%	m _i	%
1	Supplement and improvement knowledge and skills of several sports under training program	57	100	0	0	0	0
2	Regularly attended courses of training and improving professional capacity in school's physical education	57	100	0	0	0	0
3	Foster the capacity of using and developing system of specialized exercises to settle physical education tasks regulated by subject's curriculum	57	100	0	0	0	0
4	Improve capacity of forming volume of movement to settle class's tasks	55	96.49	2	3.51	0	0
5	Improve capacity of organizing class to attract student's attention	54	94.74	3	5.26	0	0
6	Improve capacity of reasonable and effective application of student active method in class	52	91.23	5	8.77	0	0
7	Improve capacity of building lecture and organizing class of plentiful contents and attractive forms	57	100	0	0	0	0
8	Train and improve pedagogical profession in class management	53	92.98	4	7.02	0	0
9	Improve capacity of analyzing and assessing training program, participate in program renewal.	57	100	0	0	0	0
10	Improve capacity of implementing effectively extra-curricular education for students	57	100	0	0	0	0
11	Improve capacity of conducting scientific research and self-improvement	53	92.98	4	7.02	0	0
12	Improve capacity of implementing verification and evaluation of education quality	57	100	0	0	0	0
13	Improve capacity of designing and renovating student's performance examination and evaluation	52	91.23	5	8.77	0	0

capacity for high school's physical education teachers has not been paid appropriate attention.

2. The study has selected 5 measures to meet the requirements on professional ability development for physical education teachers at high school level in the Northern provinces. Initial application of solutions has shown high correspondence.

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