

University of Tsukuba Summer Institute Task

Group 5

1. Identify a 'hot topic' in physical education and sport pedagogy and write the title of your study.

Hot topic

Identification of gifted and talented children in physical education based on five multi dimensional characters: physical, social, personal, cognitive, creative ability.

Title

The role of physical education in identification of talented or gifted children

2. Write a paragraph explaining the importance of your topic (300 words max.) The intent of this paragraph is to persuade the reader that this topic needs to be studied.

Purpose of this project

The 2012 is the year of Olympics and every athlete desires to finish on the highest level of the winning podium. Truly the correctly adjusted system of talent Identification is often regarded as the first step to become an international athlete. Gifts and talents are the most valuable and precious resources that the societies have at their disposal. The identification of children who possess qualities in various domains can therefore be of great interest to the educational systems worldwide. Within this context physical education is not only expected to fulfill the educational remit of identification and development of talented childrens' individual needs but also to serve as the foundation for future elite performance. Traditionally, in physical education, talent is usually related to exceptional physical performance but most researchers now favor domain-specific, multidimensional conceptions of ability that stress the development of behavioral potential and its interaction with personal and environmental characteristics.

These characteristics have been well defined by Morley & Bailey (2006) and include:

- Physical ability (which is revealed through movement and the physical performance of skills);
- Social ability (which is exhibited in social contexts, and is the basis of leadership, teamwork and similar concepts);
- Personal ability (which underpins an individual's capacity for self-control, self-efficacy and emotional intelligence);
- Cognitive ability (which is shown in tactical settings, as well as knowledge and understanding of central physical educational concepts);
- Creative ability (which is evidenced when learners respond to challenges and tasks with fluency, originality and sensitivity to problems).

This model exemplifies how young children can display talent and excels in a whole range of multidimensional abilities and how physical education teachers recognize children who are not only exceptional performers but also potentially talented team captains, referees, coaches and administrators. As PE teachers, it is imperative to identify children with these special talents and work to provide the physical education which meets their needs.

Key words

Children, physical education, talent identification/recognition, talent development, multidimensional ability

Theoretical framework

Bailey & Morley's Model of Talent development

3. List your Research Questions (RQS) (between 2 and 4 RQs)

1. How can physical education teachers identify gifted or talent children in PE based on multiple domains (physical, social, personal, cognitive and creative)?
 - ➔ **Review academic articles** related to Gifted children in PE-class
 - ➔ Select a corresponded PE-class and **Participant observation**
 - ➔ **Semi- Structured, in-Depth interviews** with PE teacher

2. What are qualities gifted or talent children demonstrating in PE from PE teachers' perspective?
 - ➔ **Depth interviews** with PE teacher about Gifted children
 - ➔ **Understand their routine work** through Depth interview with PE teacher

3. How do PE teachers develop conduct and implement PE after identifying gifted or talent children for all students?
 - ➔ **Collecting** Cultural curriculum and from field
 - ➔ **Semi- Structured, in-Depth interviews** with PE teacher

4. Write about the research design and methods you might use in order to generate data that will allow you to answer your RQs

Research design – Qualitative research

Research method – See questions 3.

Procedures for ethical issue

1. IRB approval
2. Approval from site and teacher consent

5. Identify up to three journals in which you would seek to publish the findings of your study, and write a short paragraph (50 words max.) explaining how your study fits with the mission of each journal. Complete this exercise for three conferences of national or international associations.

Journals

1. Journal of Teaching in Physical Education

The Journal of Teaching in Physical Education (JTPE) features research articles based on classroom and laboratory studies, descriptive and survey studies, summary and review articles, and discussion of current topics of interest to physical educators at every level.

2. Physical Education and Sport Pedagogy

The purpose of the journal is to provide a forum for high quality educational research for a national and international readership. We intend this research to have a high impact on both policy and practice.

3. European Physical Education Review

The purpose of this journal is to stimulate and present scholarly enquiry in the broad field of physical education, including sport and leisure issues and research.

Conferences

1. AAHPERD (American Alliance for Health, Physical Education, Recreation and Dance)
2. NASPE PETE conference (Physical Education Teacher Education)
3. AIESEP (International Association for Physical Education in Higher Education)

Key references

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- Baker, J., Côté, J. and Abernethy, B. (2003) 'Sport-specific practice and the development of expert decision-making in team ball sports', *Journal of Applied Sport Psychology*, 15(1), 12–25.
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