

EVALUATING THE 'A' LIST

IN PHYSICAL EDUCATION INITIAL TEACHER TRAINING

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INTRODUCTION

In November 2016 an All-Party Parliamentary Group (APPG) published its report on physical education. In the report a number of observations and recommendations were made with respect to physical education initial teacher training.

Following their sport or physical education degree, most aspiring teachers study a one year postgraduate certificate in education: an intensive year, revolving around school placements. As a consequence, much of what the student teacher learns is the ongoing practice in their placement schools and, as such, existing practice is cascaded and repeated when they take up posts themselves. For any new teacher in their first post, revolutionising and overturning existing practice in a department is difficult - even impossible. (APPG, p.20)

This has also been observed in the past. Green (2008), for example, observed that it is highly probable that new recruits to the physical education profession will spend the early parts of their careers conforming to orthodox and conservative methods of teaching that existing staff are most familiar with, usually involving gender-appropriate curricula, sex-segregated team games and competitive sport-related activities which are typically staffed by same-sex teachers. Green (2008) noted that, despite their training within universities, newly qualified teachers simply revert to standardised practice and have little impact on changes to the physical education curriculum.

The workplace, especially early on in teachers' careers, is important in supporting or restricting their practices as they find themselves constrained not only by the dominant values and beliefs of their colleagues, departments and schools, but also by practical matters to do with facilities and equipment. This helps to explain why the impact of teacher education tends to be 'washed out' relatively soon after teachers begin teaching properly. (Green, 2008: 214)

It is generally acknowledged that initial teacher training in physical education makes little or no difference to trainee teachers of physical education. After all, it is widely accepted by academics and researchers (Brown, 2005; Green, 2008), albeit demoralising for teacher trainers, that by the time many trainee teachers reach the training stage they have become so accustomed to associating physical education primarily with sport that it is difficult for teacher educators to teach 'old dogs new tricks'. This is because they believe that they will be asked to condone the type of practice where physical education lessons are just an arena for the selection of school teams or representation at the annual school sports day, swimming gala or inter-school sport competitions upon qualifying to teach.

In the past a newly qualified teacher of physical education may have been seen as an innovative, creative and cutting-edge specialist who knew and understood the features of effective pedagogy and teaching, had a vast repertoire of skills and had the ability to integrate cross-curricular themes, problem-solving and decision-making skills into their lessons in a safe and purposeful environment. Newly qualified teachers of physical education, however, are rarely encouraged to experiment with their teaching despite their best attempts to explore alternative ways of teaching physical education. It isn't until they become more established as teachers that they have the confidence to do so. Green (2008) explains that newly qualified physical education teachers learn, accept and implement

customary strategies as they are junior members of staff and keen to fit in with, and become established amongst, their colleagues. These types of experiences, therefore, are actually the rule rather than the exception.

Newcomers to the physical education profession are frequently obliged to adapt their behaviours - and subsequently their views - upon joining their new colleagues, departments and schools, since all the surrounding positions are still occupied by the same teachers as before and they generally want things to carry on as before. (Green, 2008: 214)

Based upon the existing research and literature it was of little surprise that the APPG (2016) report recommended that:

2.2 Re-structuring and design of postgraduate certificate of education content for PE teachers involving active participation from placement schools in offering wide and broadly-based programmes (P5)

3.1 A new national PE Taskforce to study best practice in the teaching, delivery and integration of the subject in other countries, combined with a parallel survey in the United Kingdom, and to use the outcomes to make recommendations to the Government about teacher training and continual professional development programmes for physical education teachers, curriculum development and subject time allocation at all levels within school (p5-6)

Years of research have shown that the physical education curriculum in secondary schools has been dominated by a narrow version of competitive sports, in particular invasion games (Ofsted, 2009; Ofsted, 2013), and ask a serious question about the rationale for this and whether research has any value in the eyes of policy-makers and think-tanks. A great deal has happened since the election of the Conservative government in 2015. Shifts in government policy have been part of a long-term strategy for education in England, and teachers, researchers and academics have had to keep pace with the relentless speed of change in initial teacher training, physical education and school sport. On July 15th 2014, the man responsible for the sweeping changes to education was removed from his office as Secretary of State for Education. One of the many tributes paid to Michael Gove was that he weakened the grip of left-wing academics on the teacher training process, making it possible for outstanding schools to train teachers themselves (Young, 2014). Whether the 'left-wing academics' will ever regain their grip on the teacher training process is uncertain as a new Secretary of State for Education (Justine Greening) now has responsibility for education. What exactly this means for the 21st century physical education teacher is difficult to predict. Will competitive school sport play a major role in the future careers of physical education teachers? Will a focus on health, academic achievement and participation in physical activity be more prominent in the job descriptions of the 21st century physical education teacher? Can we expect to see the 21st century physical education teacher coaching less sport and teaching more physical education? Will the 21st century physical education teacher be teaching more of the same to the more able or will there be radical reform as suggested by Kirk (2010) whereby a paradigm shift in the thinking of new entrants to the profession becomes increasingly more evident? Most worrying is Kirk's suggestion that the 21st century physical education may cease to exist and become extinct within our secondary schools unless there is radical reform.

ALTERNATIVES ARE AVAILABLE

When seen in the context of the 76 hours of formal curriculum provision each pupil receives in an academic year there are many alternative activities that have health-promoting advantages, such as Zumba dance, alternative games, cheerleading, street-surfing and various non-contact combat activities. Breadth, depth and balance are an important aspect of inclusive practice in physical education as they contribute to the development of the whole child. However, breadth and balance are often inhibited by a lack of training during the initial teacher education stage, negative teacher attitudes, lack of staff expertise, traditional school ethos, traditional physical education department ethos, poor facilities, inadequate finance, minimal resources, and pupils' previous experiences. Nonetheless, physical education teachers might consider ways that pupils can engage in health-promoting activities other than the standardised version of physical education dividing the percentage of curriculum time equally across the range and content of activities.

For a radical change to happen in physical education a radical approach has to be employed. Lessons have to be learnt from the past because those who do not learn from history are destined to repeat it. As the old saying goes 'nothing changes if you change nothing'. Change has to happen at the initial teacher education level so that new recruits have the necessary subject knowledge and expertise and are open-minded to make change happen. It is feasible, therefore, to embed a series of alternative activities within the framework proposed. Using expressive, acrobatic, competitive and athletic activities in a variety of different settings would provide breadth, depth and balance of experience and potentially reach a much higher target audience. For example, pupils can work to achieve maximum performance, engage in activities that promote expression and artistic development, develop tactical / strategic contests, enable agility and personal control, and challenge the environment and themselves - all leading to active, healthy lifestyles through alternative physical education programmes. Rather than view physical education as a series of distinct components (games, gymnastics, dance, swimming, track and field athletics, outdoor pursuits), teachers might think more abstractly and highlight what an alternative curriculum might look like over an academic year, which might have greater appeal to a much broader population of pupils in schools.

The National Curriculum for Physical Education (2014) provides enough scope for teachers to make autonomous decision with regards to the content of the physical education curriculum. There is nothing, in theory, to prevent physical education teachers introducing a more diverse physical education curriculum.

THE 'A' LIST OF PHYSICAL ACTIVITIES

Initial teacher education courses in physical education, such as the PGCE and School Direct routes at the University of Brighton, can and should focus on an alternative approach to teaching physical education in order to emphasise physical activities that encompass non-traditional team games as opposed to the competitive team games usually afforded a privileged position within the physical education curriculum. Equally, it includes lifestyle activities that have wider appeal to a broader population of pupils. These include physical activities considered to be less conventional compared to more established types of activities.

The 'A' list includes the following non-conventional physical activities:

- Alternative - Physical activities that depart from or challenge traditional norms and are considered to be non-traditional in a UK context. such as Tchouckball, Kinball and Korfball.

- Adapted - Physical activities suited to pupils with additional learning needs, which can also be practised by all pupils in secondary schools, such as boccia, goalball and New Age Kurling.
- Artistic - Physical activities related to cultural and artistic forms of dance.
- Aesthetic - Physical activities that are creative and involve a combination of movements that require precision, fluency and control such as urban gymnastics, cheerleading and trampolining.
- Aquatic - Physical activities that take place in or on the water, such as swimming, synchronised swimming, water aerobic dancing, water polo, life-saving and personal survival.
- Athletic - Physical activities that require physical skill, agility and stamina, such as street surfing.
- Adventurous - Physical activities that require precise problem-solving and decision-making skills, such as orienteering and climbing.
- Aerobic - Physical activities that are sustained and require low to high intensity, such as jogging, rowing and cycling.
- Anaerobic - Physical activities that are non-endurance activities involving speed, strength and power, such as sprinting, jumping and throwing.

The following activities form part of trainee teachers' learning at the University of Brighton.

KINBALL AND NON-CONTACT BOXING

PGCE and School Direct physical education trainee teachers begin their initial teacher training with an introduction to alternative physical education. This included introductory sessions on how to implement non-contact boxing and the Canadian game of Kinball within the secondary school physical education curriculum. With more secondary schools moving towards an alternative physical education curriculum rather than traditional forms of provision (Ofsted, 2013), the PGCE and School Direct physical education training routes now focus on introducing trainee physical education teachers to the positive benefits of promoting lifestyle activities in order to reach a broader population of pupils and increase participation rates in secondary school physical education lessons.

Offering pupils a choice of different and 'alternative' physical activities can raise participation and achievement in physical education and set pupils on a path to lifelong activity through the promotion of active, healthy lifestyles as opposed to performance-related outcomes often associated with very traditional sex-segregated and gender-stereotyped competitive team games. Teacher educators, therefore, need to be preparing our future generation of physical education teachers to design and deliver a physical education curriculum that is appropriate and relevant for pupils with a variety of different learning needs. This will also help to dispel the myth that physical education teachers just coach sport.

STREET SURFING

Street surfing is a combination of skateboarding, surfing and snowboarding on two wheels. It is getting a greater number of inactive children exercising within physical education lessons as more schools and physical education departments are buying into the sport. With more and more secondary-aged children leading sedentary lives, along with the increasing obesity epidemic amongst young people, physical education teachers have had to find imaginative ways of capturing pupils' interest in physical activity. It is a well-known fact that a significant number of pupils are turned off physical education lessons because of an over-emphasis on sex-segregated competitive team games. Street surfing is one activity that can have universal appeal to all children. The

challenge for physical education initial teacher education is to prepare new recruits to the physical education teaching profession with a repertoire of teaching skills and subject knowledge that can engage a broader population of secondary school pupils in physical activity. Street surfing is an activity that is really catching on with young people and beginning to be introduced in the physical education curriculum as an alternative to the standard competitive team games.

TEAM-BUILDING AND TRUST GAMES

PGCE and School Direct physical education trainee teachers take part in a series of team-building exercises designed to develop group dynamics and working relationships. A series of ice-breaking activities were followed by problem-solving and decision-making exercises in small groups. Students then took part in a number of larger group activities designed to promote trust and responsibility. Activities such as these are invaluable when it comes to the promotion of team work. They give students the confidence to work collectively and ultimately understand the value of working effectively as a group. They come away from these sessions with a real awareness and understanding of what the letters in the word TEAM stand for - Together-Everyone-Achieves-More.

VALUES-BASED TEACHING IN PHYSICAL EDUCATION

PGCE and School Direct Trainee physical education teachers take part in a two-day workshop designed to develop their understanding of values-based teaching through sport. Specifically through the medium of rugby, well known as a high-impact collision sport, students were shown how rugby can be used in alternative ways to promote and contribute to the holistic education of young people and develop the child rather than the player. Whilst competition is not de-emphasised through a values-based approach to teaching physical education and sport, children are made aware of the need to play and compete in an acceptable way to ensure each game is played fairly whilst ensuring that they take responsibility for their own actions and the actions of their fellow team mates.

The sessions included both theory and practice and helped students to realise the importance of values-based teaching in the build up to the Football and Rugby 4 Peace International Festival involving 250 secondary school pupils. Learning in the affective and social domains will be familiar to most teachers. According to Bloom's taxonomy, a classification of learning objectives within education, and the way in which skills are learnt in the affective domain, typically relate to the emotions and feelings experienced. Social learning outcomes related to behaviours and responsibility are an integral part of the learning with in which pupils acquire certain values and attitudes. These are the key principles that underpin a values-based approach to teaching and learning irrespective of the context in which physical education teachers work.

INCLUSIVE SPORTS FESTIVAL

Over 120 pupils from eight special schools in East Sussex attend an inclusive sports festival. The event is run and organised by PGCE and School Direct trainee physical education teachers. The pupils take part in a series of physical activities throughout the day that include boccia, sitting volleyball, New Age Kurling, goalball, parachute games and dance.

CHEERLEADING

PGCE and School Direct physical education trainee teachers are introduced to the benefits of teaching cheerleading in secondary schools as part of their induction programme and are provided with an artistic scheme of work designed to help them consider the possibilities of introducing new and exciting activities within the physical education curriculum. Alongside gymnastics and

trampolining, cheerleading is now enjoying a rapid increase in the numbers of young people taking part in the activity within schools. Figures from the Department for Education show that 37 per cent of schools are now offering cheerleading in physical education lessons. It's been known for a long time that the physical education curriculum is out of touch with boys' and girls' interests. Girls and boys today are very different from their mothers and fathers 20 years ago yet they are still force-fed a staple diet of competitive team sports. Research shows that young people want to participate in alternative physical activities, whether it's cheerleading, skipping or skateboarding. At the moment, in an academic year of 38 weeks (with two hours of physical education a week), unfortunately about three-quarters of that time is still devoted to teaching traditional team sports.

INCLUSIVE PHYSICAL EDUCATION

Physical education and dance trainee teachers take part in a whole day of inclusive sport and physical activity as part of their preparation for their forthcoming school placements. The emphasis of the day is on equity and inclusion in the secondary school physical education and dance curriculum. The day consists of an introductory theory session and practical application through activities such as boccia, sitting volleyball, parachute games, New Age Kurling, goalball and dance. Experiences such as these provide the foundations for inclusive practice in physical education and enable trainee teachers to plan and adapt activities according to different learning needs. It also helps to convince them that there is actually a place for disability sport for able-bodied pupils within the secondary school physical education curriculum as a means to helping young people empathise with others who have additional learning needs.

WHEELCHAIR BASKETBALL

PGCE and School Direct trainee physical education teachers take part in a wheelchair basketball workshop. The programme, run in conjunction with Brighton and Hove Albion in the community, covers both theoretical and practical aspects of the game and is designed to give future recruits to the physical education teaching profession an alternative to more traditional team sports usually taught in secondary schools.

ROCK-IT-BALL(VX)

PGCE and School Direct physical education trainee teachers are introduced to a new innovation when they take part in a Rock-it -ball workshop. Since its launch, Rock-it -ball (now called VX) has spread rapidly through schools in the UK and has also begun to be adopted by colleges and universities. VX has had great impact in the field of education in promoting honesty in sport and increasing participation amongst children who don't generally enjoy participating in 'normal' team games. As a sport VX is one of the few areas where male and female players compete on an equal basis. VX has elements of several sports, particularly dodgeball and lacrosse, and is played by players of all abilities.

ULTIMATE FRISBEE

Ultimate Frisbee is an exciting, non-contact team sport, played by thousands of children all over the world. It mixes the best features of sports such as soccer, basketball, American football and netball into a demanding game. Many schools now include Ultimate Frisbee in their physical education curriculum as an alternative to more traditional competitive team sports, which has greater appeal to much wider population of pupils. It has all the components of goal-throwing invasion games where the object of the game is to manoeuvre an object through a defended territory to an agreed target within set parameters over a prescribed period of time.

GENDER INCLUSIVE GAMES - KORFBALL

As part of an ongoing series of alternative activities, PGCE and School Direct trainee physical education teachers are introduced to the Dutch game of Korfbal. Korf ball is a goal-throwing invasion game and a mix between netball and basketball played between two mixed-sex teams of eight (four female and four male). Invented in 1902 by a Dutch physical education teacher, Korfbal is widely taught as part of the formal physical education curriculum in Europe and beginning to catch on in English secondary schools as an alternative to more traditional team games. The objective is to throw a ball through a bottomless basket that is mounted on a pole that can be height- adjusted to suit different ages.

TCHOUCKBALL

PGCE and School Direct physical education students are introduced to a new and innovative non-contact invasion game which is sweeping across the country and gaining popularity amongst pupils in secondary school physical education lessons. Tchouckball is a game that was invented in Switzerland. It is played on an indoor court and is a combination of handball and volleyball. The name comes from the 'tchouk' sound of the ball rebounding from a Tchouckball frame. The object of the game is to shoot a ball at a rebound frame inside a restricted zone. There is a three-pass limit before players have to shoot and a three-step rule. Players shoot the ball at the frame so that it rebounds in a way that no defending player can catch it before it hits the field of play. Teams can score at either end. If the ball is caught, the defending team becomes the attacking team and the play goes on.

With respect to the overall induction programme trainee teachers of physical education were very positive.

One School Direct trainee physical education teacher said:

"The last nine weeks have been exhausting but also very rewarding. I really feel fully prepared for the challenges of training to teach PE in schools full-time since my subject knowledge is significantly greater than before. "

One PGCE physical education trainee teacher added:

"The induction period at the university has been invaluable with respect to enhancing my subject knowledge. We have been encouraged to be creative with our teaching and to take risks by introducing new and exciting activities to pupils. Having the confidence to do this is really important as we are the agents of change."

WIDENING PARTICIPATION DAY

Since 2012 trainee teachers of physical education have facilitated a widening participation scheme as part of the Compact Plus initiative. Tchouckball, Kinball, cheer leading, street surfing and team-building activities are on the menu for Year 10 secondary school pupils when they visit the university campus. Over 100 pupils participate in five activities throughout the day, which are planned and presented by trainee physical education teachers. The aim of the day is to develop leadership qualities amongst young people by promoting communication skills (verbal and non-verbal), enhancing interaction, and breaking down inhibitions, building trust, co-operating and sharing.

MARTIAL ARTS

PGCE and School Direct physical education trainee teachers return to the university having completed the first of their two 12 - week school placements and take part in a martial arts workshop. The workshop is both theoretical and practical and aims to expose students to alternative possibilities within the physical education curriculum at secondary schools and how the teaching of martial arts can improve young people's self-concept and confidence and develop physical literacy. Discussions are based around the philosophical arguments for the place of activities such as kick boxing, Kung Fu and fencing and the physical benefits that children can accrue for participating in non-contact versions of martial arts. Teacher training programmes rarely feature martial arts so the training of future recruits to the physical education profession is often inadequate in this area. Yet, martial arts such as judo, karate and taekwondo are very popular with children and they often request to do such activities in their physical education lessons.

ORIENTEERING FESTIVAL

Since 2012, 60 pupils from one partnership school have taken part in an orienteering festival run by trainee physical education teachers. The Year 10 pupils' learning objectives for the event are in line with the GCSE orienteering assessment criteria; success is judged on how efficiently and safely challenges are overcome in activities such as orienteering, navigational exercises and problem-solving. Off-site experiences such as these provide pupils with the opportunity to compete against themselves using skills that they may not have been able to use before. Problem-solving and decision-making in teams are at the core of these orienteering activities and have great appeal to many pupils in secondary schools.

PHYSICAL EDUCATION ON WHEELS

PGCE and School Direct physical education students are introduced to the relatively new concept of 'physical education on wheels'. Many young people are physically active out of school and engaged in mountain biking, BMX biking, skateboarding, in-line skating, street surfing and scootering and yet very few schools have recognised this as a means to increase pupils' activity levels and tend to ignore the potential of introducing these activities into their physical education lessons. Sport scientists at the university carried out research on energy expenditure using micro-scooters and were rewarded with 12 micro-scooters from the manufacturers which trainee physical education teachers were able to try out with the possibility of taking them into their training schools for pupils to use in physical education lessons. Many young people take part in physical activities on wheels in their leisure time and micro-scooting is just one example of how we can make the physical education curriculum more appealing to a broader population of pupils in schools.

CONCLUSIONS

The university-based teacher training provided to trainee teachers of physical education highlights possible ways to address the paucity of subject knowledge and pedagogical skills amongst new recruits to the profession. The time invested in this aspect of professional development may have rewards in years to come. In order to assess the extent to which teachers are prepared for teaching the 'A' list of physical activities and the success of such an approach, it may be necessary for future research to compare the experiences of trainees from other ITE institutions nationally, both during their initial teacher training and five to ten years into their professional careers. This might highlight ways in which ITE can address the provision of the 'A' list to pupils in schools. Research is also required to assess the response of pupils, physical education teachers and trainee physical education

teachers to these types of alternative physical activities and the extent to which it may be feasible to integrate alternative activities into the physical education curriculum.

Overcoming insecurities in subject knowledge is the first step in addressing the paucity of alternative activities within schools as well as addressing breadth, depth and balance of experience amongst trainee teachers during school-based training. This has already been shown to give prospective physical education trainee teachers the confidence to engage in alternative activity programmes and increase their willingness to work outside of more traditional activity programmes (Stidder and Binney, 2011). In this respect, ITE institutions have a major role to play in promoting the teaching of alternative physical activities and, through this process, may be able to increase trainee teachers' subject knowledge.

It is often claimed that finance, resources, facilities, staff expertise and equipment are genuine reasons why physical education teachers feel reluctant to introduce new activities within the physical education curriculum. The educational benefits of alternative physical activities are very convincing and by far outweigh any issues related to finance or resources, but it should be acknowledged that trainees and teachers require training to teach these types of activities with confidence if the provision of alternative physical activities is to be increased. Increasing confidence in teaching through experience will enable physical education trainee teachers to provide challenging activities and involve more pupils in alternative experiences both in and out of school-based settings. This must involve partnership training at all levels between school-based training providers and initial teacher training institutions as well as a commitment from physical education teachers and trainees themselves.

Watch a film relating to this article at: <http://blogs.brighton.ac.uk/sasm/2016/01/19/trainee-pe-teachers-finish-on-a-high-note/#more-2081>

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