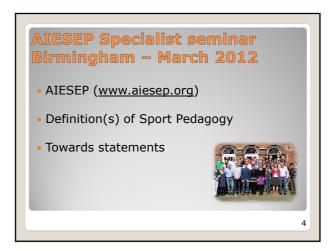


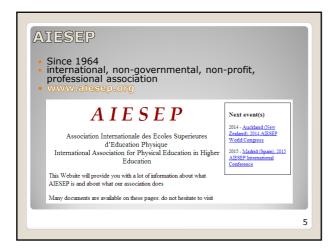
Content of the presentation AIESEP Statement on Sport Pedagogy From sport educator to PA promoter: The (r)evolution of PE teachers What about 'Quality Physical Education'?

- How to be a PA promoter?
- PETE for PA promoters
- Conclusions

2

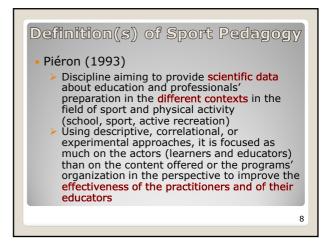






Objectives
 ✓ To promote and contribute to the development of future specialists and researchers in the field of physical education and sport
 ✓ To engage in scientific research, professional preparation and professional practice in physical education and sport
 ✓ To organize scientific meetings and information dissemination mechanisms which facilitate the sharing of new knowledge with the international community

Definition(s) of Sport Pedagogy Haag (1989) Sport pedagogy is 'the description of the field of theoretical research or sub discipline of sport science which deals with the educational aspects of physical activity: sport, play, games, dance etc' (p. 6)



ARIS = Intervention
 Any professional act implementing competences, experimental and theoretical knowledge to serve a purpose in different fields of human movement (school, sports club, active recreation, rehabilitation, infant motor learning ...) to the benefit of various people, across the lifespan (Carlier & Delens, 1999)

Sport Pedagogy ...

 Is an academic sub-discipline of the broader fields of Sport & Exercise Sciences, Kinesiology and Human Movement Studies

 Takes its place alongside established sub-disciplines such as exercise physiology, sport and exercise psychology and sports biomechanics

 Report from the Alesep-Bham 2012 Specialist Research Seminar K. Armour
 'Sport (& Exercise) Pedagogy: (Re)Defining the Field'

Thursday 29th March - Saturday 31st March 2012, University of Birmingham, UK.

10

Sport Pedagogy ...

Focuses on synthesizing knowledge to inform the 'pedagogical encounter' defined as that precise moment where a teacher, coach or instructor seeks to support a learner in sport, physical activity or exercise settings

Report from the AIESEP-Bham 2012 Specialist Research Seminar K. Armour

'Sport (& Exercise) Pedagogy': (Re)Defining the Field'

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11

Sport Pedagogy ...

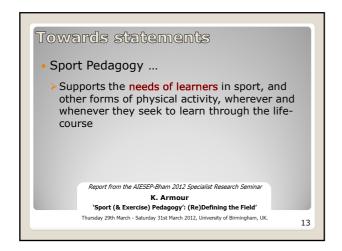
 Is taking place key professional sites like PE teaching, sport coaching and exercise

 Underpins teaching, coaching and instruction and transcends traditional barriers between different forms of practice in the field

 Report from the AIESEP-Bham 2012 Specialist Research Seminar K. Armour
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12





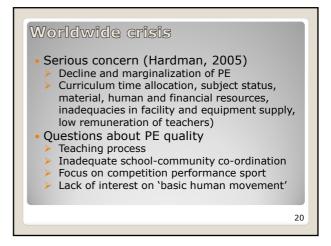












McKenzie (2004)

* "If exercise is medicine, physical education is the pill not taken *

But ...

Tappe & Burgeson (2004)

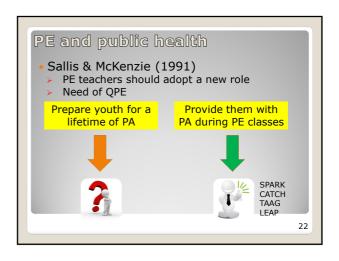
* PE should be the corner stone of the promotion of physical activity

And ...

Pühse, Gerber, Mouton & Cloes (2010)

Need of PE centred on current society needs and requirements

Sports and cultural physical activities = tools for general aims and not final objectives



PE and public health

• Sallis et al. (2012)

➤ The gym is half full (support of PE; systematic analysis)

➤ The gym is half empty (PE time; no consensus about QPE; lack of implementation)

Research Quarterly for Exercise and Sport (Project Exercise and Duce)

*Health Optimizing PE

Physical Education's Role in Public Health: Steps Forward and Backward Over 20 Years and HOPE*for the Future

James F. Sallis, Thomas L. McKenzie, Michael W. Beets, Aaron Beighle, Heather Envin, and Sarah Lee

Mainly focused on MYPA

Development of (Physical) literacy
 PE for what?
 PE ≠ Sport preparation
 PE = Developing physically educated persons (NASPE, 2004)
 Competency in motor skills
 Understanding of movement concepts, principles
 Regular participation
 Health-enhancing level of physical fitness
 Responsible personal and social behavior
 Emphasis on health, enjoyment, challenge, self-expression, and/or social interaction

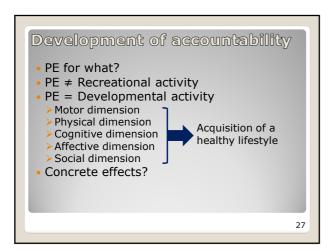
Whitehead (2007) Physical literacy is the motivation, confidence, physical competence, understanding and knowledge to maintain physical activity at an individually appropriate level, throughout life Mandigo et al. (2009) Individuals who are physically literate move with competence in a wide variety of physical activities that benefit the development of the whole person

25

Development of (Physical) literacy

- Finally, one can say that:
- Physical literacy is linked to the acquisition by the youth of knowledge, skills and attitude that will make them physically educated persons for their whole life
- It means that PE has a concrete mission to follow learning objectives that are useful and usable outside the school walls
- A determining aspect is the meaning of the content taught

26

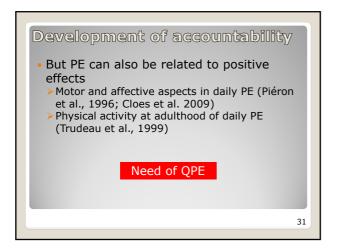


Russell et al. (2011)
 The scientific literature addressing the public health effects of physical education is surprisingly limited
 Students can be provided with significant doses of PA during physical education classes
 The actual dose of PA provided during typical PE classes is not well established
 The effects of physical education on health and fitness outcomes are poorly understood

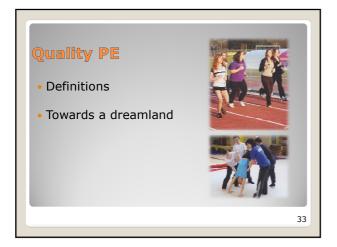
Expectations towards school physical education are too seldom being met (Huts et al., 2005)
 57% of 182 adults and 49% of 1,730 students (Flanders)
 48.1% of the students with regard to the development of a physically fit and healthy lifestyle
 45.1% about the development of self-image and social functioning
 43.1% for development of motor competencies

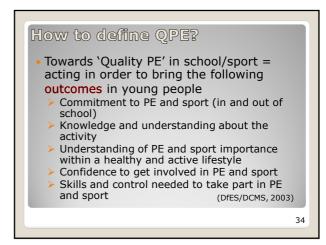
Few students consider that school and PE contributed to develop their active lifestyle (Cloes et al., 2009)			
Schools (% of total agreement)	Desire to adopt an active lifestyle	Support to become physically active	Motivation to be physically active as an adult
Belgium (French)	1,6	3,9	2,3
England	6,7	22,2	8,9
Belgium (German)	2,0	0,0	2,0
			30

Development of accountability



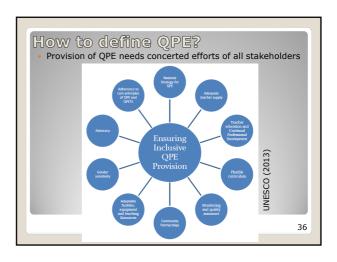


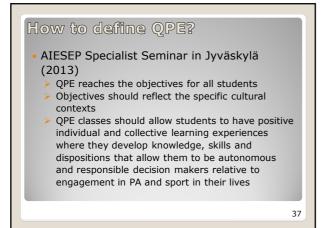




Towards 'Quality PE' in school/sport = acting in order to bring the following outcomes in young people
 Participation in a large range of physical activities
 Reflection on ones activity
 Desire to improve and achieve regarding to the own abilities
 Requirements to maintain an active lifestyle
 Enjoyment in participation

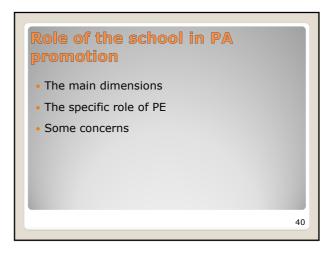
 (DfES/DCMS, 2003)











The main dimensions

Scientific Statement from the American Heart Association Council (Pate et al., 2006)

Physical education

Active transportation

Life environment (recesses, spaces)

Sport at school

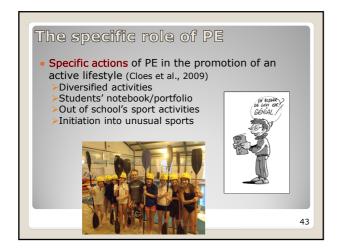
Physical activity in the classroom

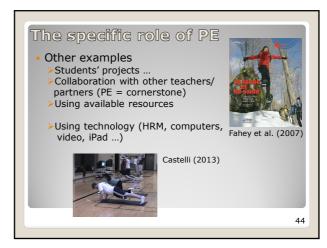
Under the umbrella of a strong school policy

The specific role of PE

Basic role of PE in the promotion of an active lifestyle (Cloes, 2010)
Fight against inactivity (representations)
Water safety; basic life support; automated external defibrillation
Warming up; cooling down; stretching; fitness
Frgonomic principles, respiratory control; relaxation
Selection of ones working intensity; heart beats checking; muscles and body functioning
Improvement of motor skills (balance, manipulative skills, work in high situation, running ...)

And - of course - learning of sport activities!





The specific role of PE

• Newer role of PE in the promotion of a healthy lifestyle (cloes, 2010)

• Nutrition

• Sleep

• Stress

• Smoking, alcohol, drugs, medicine

• Sex, risk behaviours (driving)

• Hygiene

• Health and Physical Education ??

• Four pedagogical gaps in health/PA in PE (Haerens, 2012)

• Lack of pedagogical intervention studies with regard to HBPE (focus on motor competence or MVPA; emphasis on sport rather on leisure activities)

• 'Pedagogy of obesity' (very limited studies)

• Issue of the transfer (lack of interaction between PE and community/home)

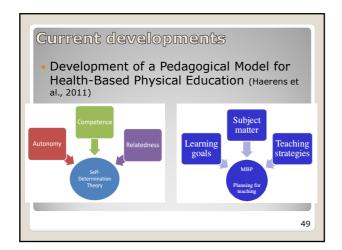
• Sedentary behavior (considered as an independent health risk behavior)

Current developments
 Development of a Pedagogical Model for Health-Based Physical Education (Haerens et al., 2011)
 Interdependence and irreducibility of learning, teaching, subject matter and context
 The central theme for the model as 'pupils valuing a physically active life, so that they learn to value and practice appropriate PA that enhance health and wellbeing for the rest of their lives'

Development of a Pedagogical Model for Health-Based Physical Education (Haerens et al., 2011)
 Requires that teachers' beliefs about teaching and learning in PE are oriented toward selfactualization and social reconstruction
 Needs the prominence of the affective domain (valuing physical active) in planning for learning

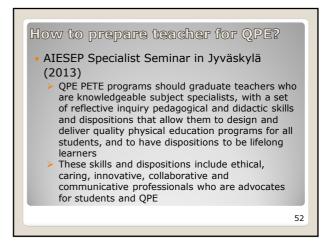
Goal: getting youngsters to value and enjoy physical activity for life so that they are (autonomously) motivated to become/remain active outside PE

48

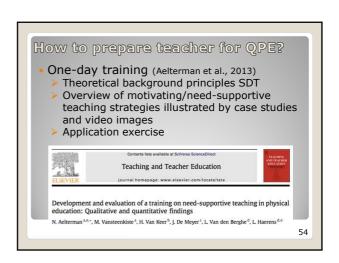








Start with the teachers' representations
Definition
Impact
Recommandations
Measure
Implementation
Show the way to increase motivation
Presentation of basic principles (portfolio)
Illustration of original approaches (pentathlon)
Demonstration of the students' pleasure (vid)
Development and implementation of some projects in a collaborative way (COP)





The PE challenges today

- To show that what it is taught at school is useful for 'outside'
- · To meet the youth's expectations and values → daring the change
- To use up-to-date tools and approaches

56





- Aelterman, N., Vansteenkiste, M. Van Keer, H., De Meyer, J., Van den Berghe, L., & Haerens, L. (2013). Development and evaluation of a training on need-supportive teaching in physical education: Qualitative and quantitative findings. *Teaching and Teacher Education*, 29, 64-75. Carlier, G., & Delens, C. (1999). Actes du colloque 'Identifier les effets de l'intervention en motricité humaine de AFRAPS-EDPM', 13-14 mars 1998, Louvain-La-Neuve.

- Louvain-La-Neuve.

 Carreiro da Costa, F. (2008). Issues in research on teaching in physical education. In, J. Seghers & H. Vangrunderbeek (Eds.), Physical education research. What's the evidence? Leuven: Acco.

 Castelli, D. M. (2013, July). Technologies to Learning: Data Driven Decision Making. Paper presented at the 2013 AIESEP International Conference 'Physical education and sport: Challenging the future,' Warsaw, Poland. Available on Internet: http://www.aiesep.ulg.ac.be/upload/aiesep_2013_warsaw_keynote_castel_lindf

- Cloes, M. (2010). The active school concept: A project for PE teachers. Keynote delivered at Timisoara, Roumanie 50 years of History in education, performance and research, November 4-7 2010. Retrieved from http://hdl.handle.net/2268/132209
- Cloes, M. (2011). The leisure context, a forgotten topic of sport pedagogy? International Congress of Pedagogical and Professional Intervention "The Function and Intervention of Professional Research in Sports Pedagogy", Maia, Portugal, 19-20, 2011. Available on Internet: http://hdl.handle.net/2268/112368
- http://hdl.handle.net/2268/112368
 Cloes, M., Del Zotto, D., & Motter, P. (2009). What Wallonian PE teachers do to promote a lifelong active lifestyle in their students? An analysis based on critical incidents technique. In, T. Rossi, P. Hay, L. McCuaig, R. Tinning & D. Macdonald (Eds.). Proceedings of the 2008 AIESEP World Congress «Sport pedagogy research, policy and practice: International perspectives in physical education and sports coaching. North meets South, East meets West», Sapporo, January 21-25 (cd-rom ID: 72). Brisbane: HMS, University of Queensland. Available on Internet: http://hdl.bandle.net/2268/24415 http://hdl.handle.net/2268/24415
- Cloes, M., Lenzen, B., & Trudel, P. (2009). Analyse de la littérature francophone portant sur l'intervention de l'entraîneur sportif, publiée entre 1988 et 2007. STAPS: Revue Internationale des Sciences du Sport et de l'Education Physique. 30(1), 7-23. http://hdl.handle.net/2268/9229

- Cloes, M., Maraite, A.A., Derome, S., Van Hoye, M. & Theunissen, C. (2009). Doublement des heures d'éducation physique dans l'enseignement primaire. Analyse des aspects motivationnels, affectifs et du style de vie. 4ème année. Résultats de l'année scolaire 2008-2009 et suivi depuis le début de l'expérience. Rapport final d'une recherche réalisée dans le cadre d'un contrat de service entre le Ministère des Sports de la Communauté française de Belgique et l'Université de Liège (104/2007). Liège: Département des Sciences de la motricité, Université de Liène
- (104/2007). Liege: Departement dus Schools.

 de Liège.
 Cloes, M., Motter, P., & Van Hoye, A. (2009). Students' perception of the role of their secondary school in promoting an active lifestyle. In, T. Rossi, P. Hay, L. McCuaig, R. Tinning & D. Macdonald (Eds). Proceedings of the 2008 AIESEP World Congress «Sport pedagogy research, policy and practice: International perspectives in physical education and sports coaching. North meets South, East meets West», Sapporo, January 21-25 (cd-rom ID: 186). Brisbane: HMS, University of Queensland.
- Cloes, M. & Roy, M. (2010). Le cheminement de l'approche écologique: du paradigme processus-produit au modèle heuristique du processus enseignement-apprentissage. In, M. Musard, M. Loquet & G. Carlier (Eds.), Sciences de l'intervention en EPS et en sport : résultats de recherches et fondements théoriques (pp. 13-33). Paris: Editions Revue EP.S. (http://hdl.handle.net/2268/35774).

61

63

- Department for Education and Skills and Department for Culture, Media and Sport (DfES/DCMS) (2003). Learning through PE and Sport. Annesley, United Kingdom: DfES Publications. Retrieved from https://www.education.gov.uk/publications/eOrderingDownload/LTPES.pdf.
- Fahey, T.D., Insel, P.M., & Roth, W.T. (2007). En forme et en santé. Mont-Royal, Québec: Modulo.
- Royal, Quebec: industrial Haag, H. (1989). Research in 'Sort Pedagogy' One field of theoretical study in the science of sport *International Review of Education*, 35, 1, 5-16 Haag, H. (1994). State-of-the-art review of sport pedagogy: Research directions for the 1990's. *International Journal of Physical Education*, 29(3),
- 26-29
- 26-29.
 Haerens, L. (2012). Physical education: inspiring young people towards lifelong physical activity?! Positioning Sport Pedagogy. Paper presented at the AIESEP-Bham Specialist Research Seminar 2012 'Sport & Exercise Pedagogy'. Defining the Field. March 29-32. University of Birmingham, UK. Haerens, L., Kirk, D., Cardon, G., & De Bourdeaudhuij, I. (2011). Toward the Development of a Pedagogical Model for Health-Based Physical Education, Quest, 63:3, 321-338. http://dx.doi.org/10.1080/00336297.2011.10483684

62

- Hardman, K. (1998). The fall and rise of school physical education in international context. In, R. Naul, K. Hardman, M. Piéron & B. Skirstad (Eds.), *Physical Activity and Active Lifestyle of Children and Youth.* Sport Science Studies, 10 (pp.89-107). Schorndorf, Germany: Karl Hofmann. Hardman, K., & Marshall, J. (2000). The State and Status of Physical Education in Schools in International Context. *European Physical Education Review*, 6, 3, 203-229.
 Hardman, K. (2005). Rhetoric and reality school physical education in Europe: The evidence of research. In, F. Carreiro da Costa, M. Cloes & M. Gonzalez Valeiro (Eds.), The art and science of teaching in physical education and sport. A homage to Maurice Piéron (pp.63-87). Cruz Quebrada, Portugal: Faculdade de Motricidade Humana.
 Huts, K., De Knop, P., Theeboom, M. & De Martelaer, K. (2005). Quality Evaluation of School Physical Education in Flanders. In, C. Richter & R. Naul (Eds.), 3. Europäisches Schulsportforum: Qualitätsentwicklung im
- Evaluation of School Physical Education in Planteels. In, C. Richter & R. Naul (Eds.), 3. Europäisches Schulsportforum: Qualitätsentwicklung im Schulsport Velen, 10. 11 December 2004 (pp. 109-121). Velen: Europäischen Akademie des Sports Velen. Klein, G., & Hardman, K. (2007). L'éducation physique et l'éducation sportive dans l'Union européenne. Tome 1. Dossiers EP.S 71. Paris, France:
- Editions Revue EP.S.

- Klein, G., & Hardman, K. (2008). L'éducation physique et l'éducation sportive dans l'Union européenne. Tome 2. Dossiers EP.S 72. Paris, France: Editions Revue EP.S. Lounsbery, M., & McKenzie, T. (2012). We Need More Physical Education. SPARK PE. Retrieved from http://bit.ly/WeNeedMorePE Mandigo, J., Francis, N., Lodewyk, K., & Lopez, R. (2009). Physical Literacy for Educators. Physical and Health Education Journal, 75, 27-30. McKenzie, T. (2004). Promoting Physical Activity in the Lives of Young People: An Ecological Perspective. In, V. Klissouras, S. Kellis & I. Mouratidis (Eds.), Proceedings of the 2004 Pre-Olympic Congress. Sport Science through the Ages. Volume I Lectures-Orals. Thessaloniki: SYMVOLI. Mouton, A., Mugnier, B., Demoulin, C., & Cloes, M. (in review). Physical Therapist knowledge, attitudes and beliefs about physical activity: A
- Therapist knowledge, attitudes and beliefs about physical activity: A survey of their implication in exercise promotion and prescription. Physical Therapy.
- Musard, M, Poggi, M.-P., & Wallian, N. (2010). Les recherches ARIS contextes d'intervention étudiés et thématiques de recherche, eJRIEPS, 19, 99-123.
- Musard, M., Robin, J.-F. & Poggi, M.-P. (2010). Les recherches ARIS : contextes d'intervention étudiés et thématiques de recherche. eJRIEPS, 19, 124-194.

64

- NASPE (2004). Moving into the Future: National Standards for Physical Education (2nd ed). Reston, VA: Author. Retrieved from http://www.aahperd.org/naspe/standards/nationalStandards/PEstandards_cfm
- Pate, R., Davis, M., Robinson, T., Stone, E., McKenzie, T. & Young, J. (2006). PromotingPhysical Activity in Children and Youth: A Leaders Role for Schools: A scientific Statement From the American Hearth Association Council on Nutrition, Physical Activity, and Metabolism (Physical Activity Committee) in collaboration with the Councils on Cardiovascular Disease in the Young and Cardiovascular Nursing. Circulation, 114, 1214-1224.
- Circulation, 114, 1214-1224.

 Piéron, M. (1993). Analyser l'enseignement pour mieux enseigner. Paris: Ed. Revue E.P.S., 1993.

 Piéron, M., Delfosse, C. & Cloes, M. (1996). An investigation of the effects of daily physical education in kindergarten and elementary schools.

 Physical Education Review, 2, 2, 116-132.

 Pübse, U., & Gerber, M. (2005). International Comparison of Physical Education. Concepts. Problems. Prospects. Aachen, Germany: Meyer & Meyer
- Meyer.

- Pühse, U., Gerber, M., Mouton, A., & Cloes, M. (2010). L'EPS: de l'exception à la normalité. *Revue de l'Education Physique*, 50, 2, 55-61.
- l'exception à la normalité. Revue de l'Education Physique, 50, 2, 55-61. Retrieved from http://hdl.handle.net/2268/67676
 Sallis, J.F., & McKenzie, T.L. (1991). Physical education's role in public health. Research Quarterly for Exercise and Sport, 62, 124-137. Sallis, J.F., McKenzie, T.L., Beets, M.W., Beighle, A., Erwin, H. & Lee, S. (2012). Physical education's role in public health: Steps forward and backward over 20 years and HOPE for the future. Research Quarterly for Exercise and Sport, 83, 2, 125-135. Silverman, S. & Ennis, C. (1996). Student learning in physical education: Applying research to enhance instruction. Champaign, IL: Human Kinetics.
- Tappe, M.K. & Burgeson, C.R. (2004). Physical Education: A Cornerstone for Physically Active Lifestyles. *Journal of Teaching in Physical Education*, 23, 4, 281-299.
- 22, 4, 201-29.

 Trudeau, F., Laurencelle, L., Tremblay, J., Rajic, M. & Sherphard, R. (1999). Daily primary school physical education: effects on physical activity during adult life. *Medicine & Science in Sports & Exercise*, 31, 1,
- UNESCO (2013). Quality Physical Education (QPE) Guidelines for Policy Makers. Draft copy

