How do you build a whole-school physical activity culture?



Why?

What?

How?

Hel-skole bevægelseskultur





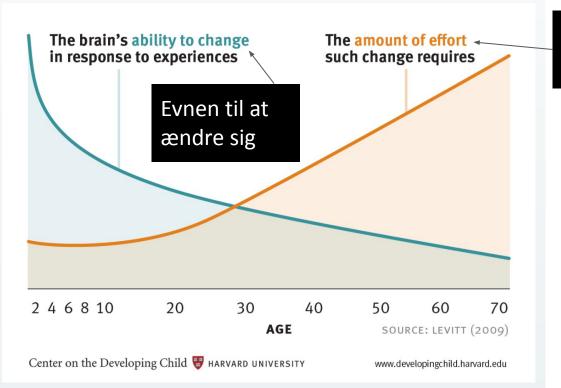






Habits are easier to form in childhood and become increasingly harder to alter as we age

Vaner



Størrelse af indsats

How do you "sell" physical activity to different people?

Journal of Physical Activity and Health, 2013, 10, 289-305 © 2013 Human Kinetics, Inc.

Physical Activity & Health Official Journal of ISPAH

Physical Activity:

An Underestimated Investment in Human Capital? Richard Bailey, Charles Hillman, Shawn Arent, and Albert Petitpas

Despite the fact that physical activity is universally acknowledged to be an important part of healthy function ing and well-being, the full scope of its value is rarely appreciated. This article introduces a novel framework for understanding the relationships between physical activity (and specifically sport-related forms of physical activity) and different aspects of human development. It proposes that the outcomes of physical activity can be framed as differential 'capitals' that represent investments in domain-specific assets: Emotional, Financial, and the property of the property Individual, Intellectual, Physical, and Social. These investments, especially when made early in the life course, can yield significant rewards, both at that time and for years to come. The paper presents a new model-the Human Capital Model—that makes sense of these effects, outlines the different capitals, and briefly articulates the conditions necessary for the realization of Human Capital growth through physical activity.

Keywords: public health, sports, policy, evidence-based research

The Human Capital Model (HCM) draws together a comprehensive evidence base of benefits of physical activity. These benefits are not autonomous, independent, or disconnected. They reinforce each other and their true value can only be properly appreciated from a broad holistic perspective. Underlying the HCM is an assertion that personal competencies, knowledge, and other attributes can be acquired through participation in physical activity, and that these activities produce value that is realized in increased quality of life, educational achievement, and

Despite the mounting evidence for the values of physical activity,2 there continues to be a general underappreciation of their importance—both to individuals and the wider society.34 Although there is an acknowledgment of the significance of physical activity, it is usually framed in terms of the dangers of its absence, with the corollary that discussions (especially in policy documentation, but also in scientific writing) tend to be focused on a relatively narrow, hierarchically conceptualized range of concerns (primarily obesity and coronary heart disease, in current

Bailey is with the Centre for Sport, Dance, and Outdoor Education, Liverpool John Moores University, Liverpool, United Kingdom, and with RBES Ltd, Sheerness, Kent, United Kingdom, Hillman is with the Depts of Kinesiology & Community Health, Psychology, and Internal Medicine, University of Illinois at Urbana-Champaign. Arent is with the Human Performance Laboratory, Dept of Exercise Science and Sport Studies Rutgers University New Bronswick NI Petitoss is with the Center for Youth Development and Research, Dept of Psychology, Springfield College, Springfield, MA.

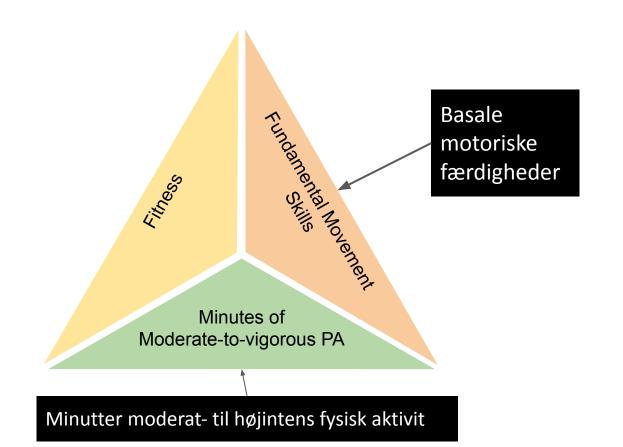
The rationale for this approach is difficult to refute Globally, the major causes of death and disability are noncommunicable diseases like obesity, heart disease and stroke cancer chronic respiratory disease and diabetes. Cardiovascular disease (CVD) is the leading cause of mortality worldwide.8 Risk factors for CVD include obesity, high blood pressure, blood lipids, and lipoproteins. Life expectancy may be reduced by several years, as may work productivity, while costs are increasing enormously.9 Each of these conditions has been found to track from childhood through to adulthood, which strongly suggests that the roots of adult ill health and early death lie in childhood. 10 This suggestion is corroborated by the finding that 1 in 3 to 5 children in the Western world is overweight or obese. 11 It is also sup-ported by reports that one-third of children in the United States have at least 1 risk factor for Metabolic Syndrome, which is the coexistence of multiple risk factors including hyperinsulinaemia, glucose intolerance, hypertension decreased levels of high-density lipoprotein cholesterol, and elevated trielycerides.3

For many, the rise and spread of CVD and obesity enresents an epidemic.13 It has been estimated that, by 2015, there will be 700 million people in the world who are obese.14 This is mainly due to an environment that promotes excessive food intake and discourages physical activity.15 Excessive body fat increases the relative risk of several chronic diseases, including cardiovascular disease, type 2 diabetes mellitus, and various musculoskeletal disorders. 16 The estimated annual healthcare cost attributable to obesity in the US alone is estimated to be \$147 billion.^{17,18} The most alarming trend is the increase in childhood obesity. Studies show the risks of overweight and sedentary behaviors are increasingly

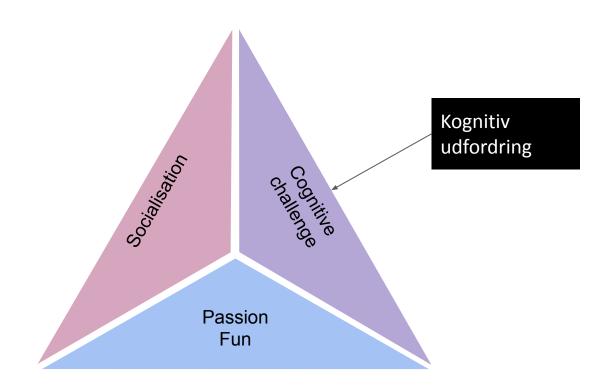
We need to build passion for physical activity



Current drivers behind school-based PA promotion

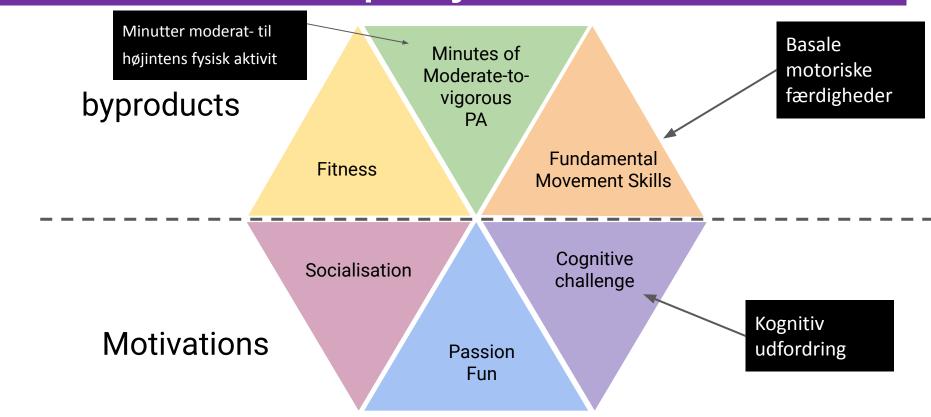


What would PA look like if we prioritised.....





Design physical activity experiences based on childrens' needs- not policy outcomes



Co-develop a whole-school approach samskabelse

Daly-Smith et al. International Journal of Behavioral Nutrition and Physical Activity (2020) 17:13 https://doi.org/10.1186/s12966-020-0917-z

International Journal of Behavioral Nutrition and Physical Activity

RESEARCH

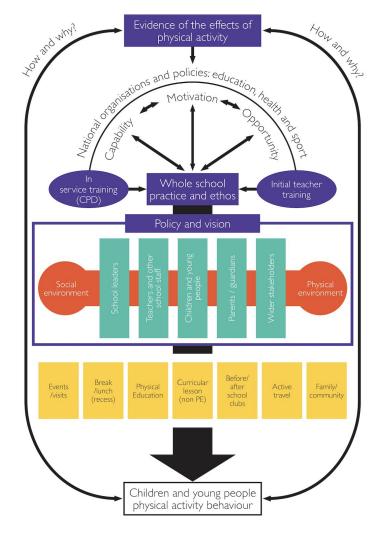
Open Access

Using a multi-stakeholder experience-based design process to co-develop the Creating Active Schools Framework



Andy Daly-Smith ^{7,23*} O, Thomas Quarmby¹, Victoria S. J. Archbold¹, Nicola Corrigan⁴, Dan Wilson⁵, Geir K. Resaland², John B. Bartholomev², Amila Singh¹, Hege E. Tjomsland², Lauren B. Sheran², Anna Chalkley³, Ash C. Routen¹ O, Darren Shickle¹, Daniel D. Binoham³, Sally E. Barber², Esther van Sulisi², Stuart J. Fairciouch¹³ and Im McKenna¹





Begin by supporting schools to understand their current provision

Policy

Politik

Environments

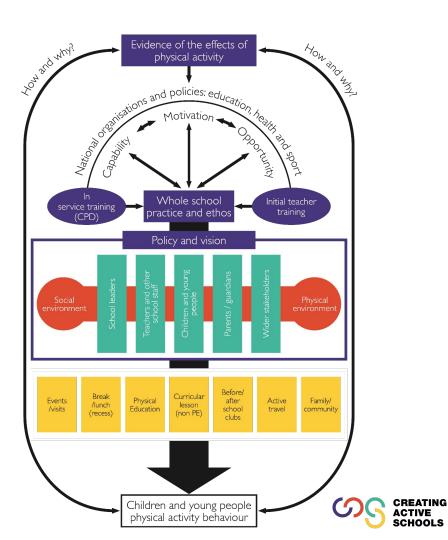
Miljøer

Stakeholders

Interessent

Opportunities

Muligheder

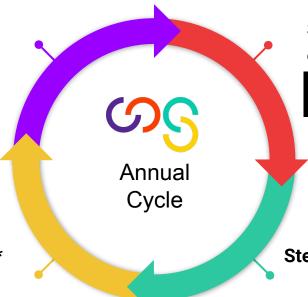




A four step annual cycle

Årshjul





Step 2: Select priorities and evidence-based solutions

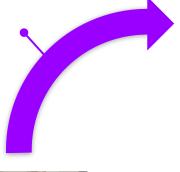
Evidensbaserede løsninger

Step 4: Monitoring and Evaluation*

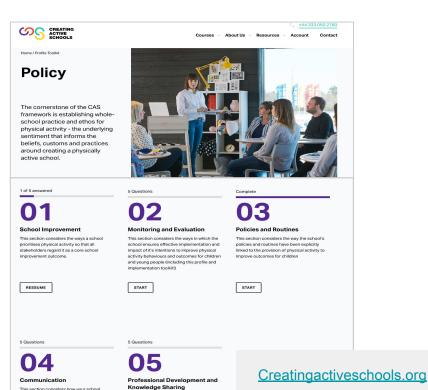
Step 3: Carry out actions

Step 1: Review of school approach

- Locality-based workshops
- CAS champion support
- CAS profiling tool







This section considers how your school

invests in professional development and

relation to promoting physical activity to

improve outcomes for children.

knowledge sharing with all stakeholders in

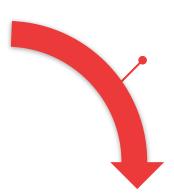
This section considers how your school shares the importance of physical activity,

stakeholders, and regularly promotes and

inspires children (and their families) to be

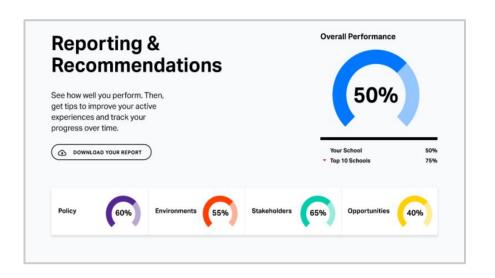
celebrates best practice from all

regularly active.



Step 2: Select priorities and evidence-based solutions

- Priority setting
- Planning for change
- APEASE framework
- Evidence-based solutions

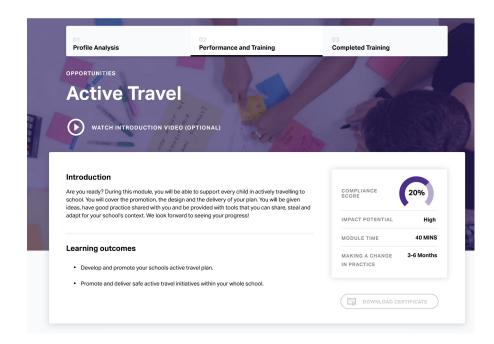


School Name: Project: Project lead (and workin	g party):		
Use this form to plan the cha some strategies, not all four a	nge that will ultimately lead neas of the framework will	to improved physical activity behavi need completion. See guidance no	iours for all children in your school. otes overleaf for further support.
Policy (see guidance r	ote 1)		
What are you going to change?		Why?	
		~	
Environments (see gu	idance note 2)		
Which environments?	Haw?		
Stakeholders (see gule	(ance note 3)		
Which stakeholders?	How?		
Opportunities (see gui	dance note 4)		
Which opportunities?	How?		
	00		
Evnected Impact on ni	nyaical activity beha	viours (see guidance note 5	1
exposition impast on pr			

Efteruddannelses moduler



- 22 Online CPD modules*
- Individual solutions
- Collective school solutions







The Creating Active Schools Framework

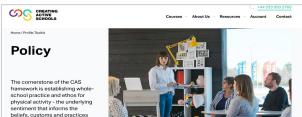
Co-designed by fifty experts in health and education, the CAS Framework supports schools to embed physical activity in policies, systems, behaviours and environments so that it becomes everyone's responsibility; from pupils, to staff and governors.

PROFILE TOOLKIT

Policy

Considering national policy and guidance, as well as your own school improvement priorities, policies, routines and professional development programmes.





1 of 5 answered

School Improvement This section considers the ways a school

around creating a physically active school.

prioritises physical activity so that all stakeholders regard it as a core school improvement outcome.

RESSUME

This section considers how your school shares the importance of physical activity celebrates best practice from all stakeholders, and regularly promotes and inspires children (and their families) to be 5 Questions 05

START

Professional Development Knowledge Sharing

This section considers how invests in professional deve knowledge sharing with all s relation to promoting physic improve outcomes for child

Monitoring and Evaluation

This section considers the ways in which the school ensures effective implementation and impact of it's intentions to improve physical activity behaviours and outcomes for children and young people (including this profile and implementation toolkitfl

This section considers the way the school's policies and routines have been explicitly linked to the provision of physical activity to

Creatingactiveschools.org



Reporting & Recommendations

See how well you perform. Then, get tips to improve your active experiences and track your progress over time.

→ DOWNLOAD YOUR REPORT



Your School Top 10 Schools 75%

Policy



Environments



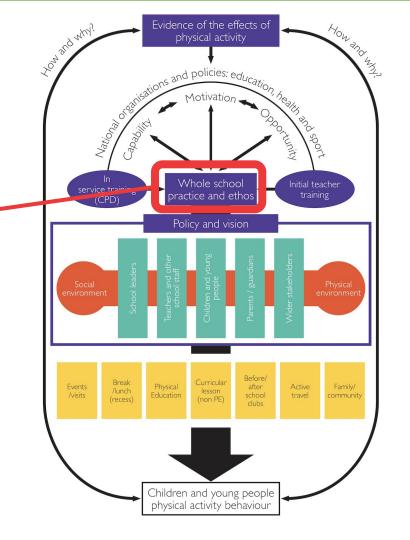
Stakeholders

Opportunities

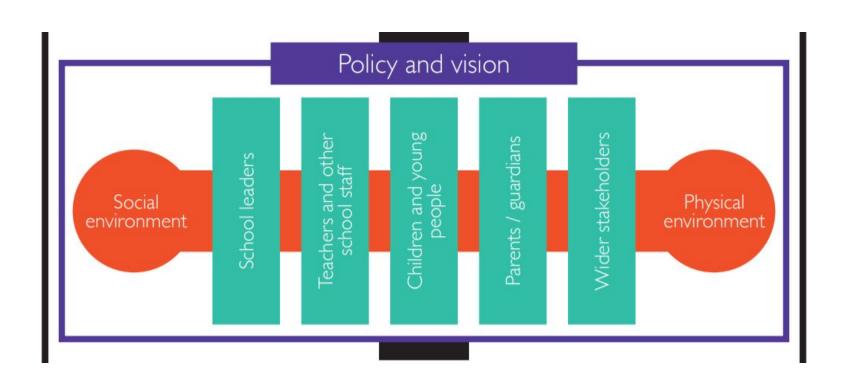


Ensure all actions involve looking up

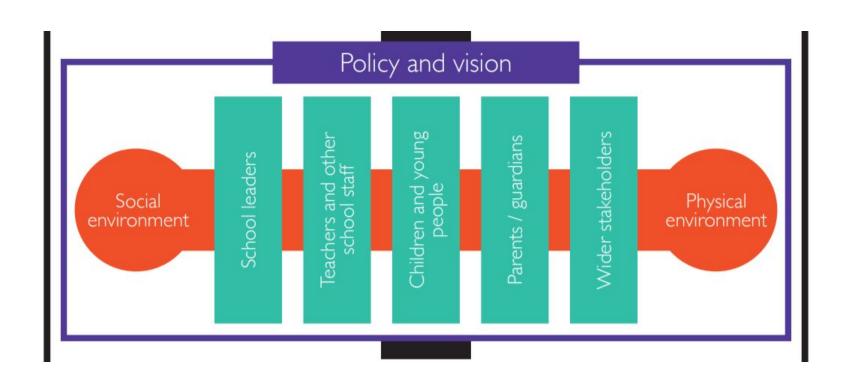
- What is the schools mission and vision statement
- To make a change, it must be embedded into school policy and guidance
- Try and encourage schools write the actions into the school development plan- this drives business across the year.



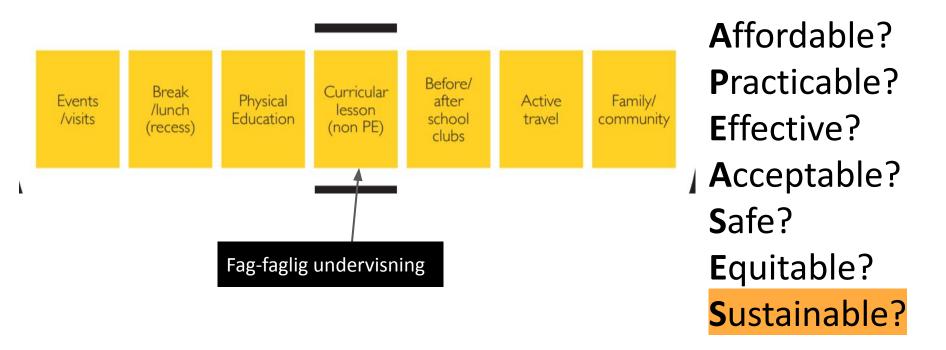
Involve all key stakeholders



Build positive physical and social environments



Promote evidence-based implementation across all seven opportunities for whole-school physical activity



Build teacher behaviour to embrace and use PAL

Underviserkultur

Open Access

International Journal of Behavioral International Journal of Behavioral Nutrition and Physical Activity (2021) 18:151 Nutrition and Physical Activity https://doi.org/10.1186/s12966-021-01221-9 RESEARCH Behaviours that prompt primary school teachers to adopt and implement physically active learning: a meta synthesis of qualitative

Andrew Daly-Smith 1,23* 9, Jade L. Morris*, Emma Norris*, Toni L. Williams 67, Victoria Archbold*, Jouni Kallio* Tuija H. Tammelin⁸, Amika Singh^{1,9}, Jorge Mota¹⁰, Jesper von Seelen¹¹, Caterina Pesce¹², Jo Salmon¹³, Heather McKav 14,15, John Bartholomew 16 and Geir Kare Resaland

Abstract

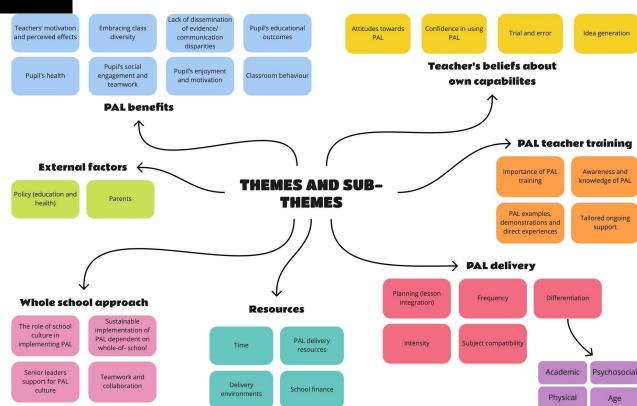
evidence

Background: Physically active learning (PAL) - integration of movement within delivery of academic content - is a core component of many whole-of-school physical activity approaches. Yet, PAL intervention methods and strategies vary and frequently are not sustained beyond formal programmes. To improve PAL training, a more comprehensive understanding of the behavioural and psychological processes that influence teachers adoption and implementation of PAL is required. To address this, we conducted a meta-synthesis to synthesise key stakeholders' knowledge of facilitators and barriers to teachers' implementing PAL in schools to improve teacher-focussed PAL interventions in primary (elementary) schools

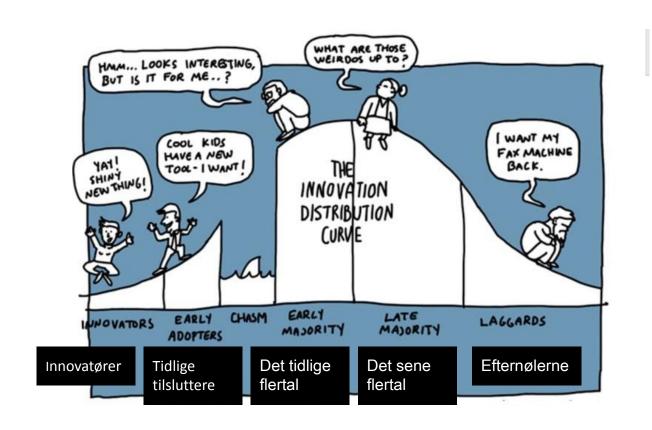
Methodology: We conducted a meta-synthesis using a five-stage thematic synthesis approach to; develop a research purpose and aim, identify relevant articles, appraise studies for quality, develop descriptive themes and inter pret and synthesise the literature. In the final stage, 14 domains from the Theoretical Domain Framework (TDF) were then aligned to the final analytical themes and subthemes.

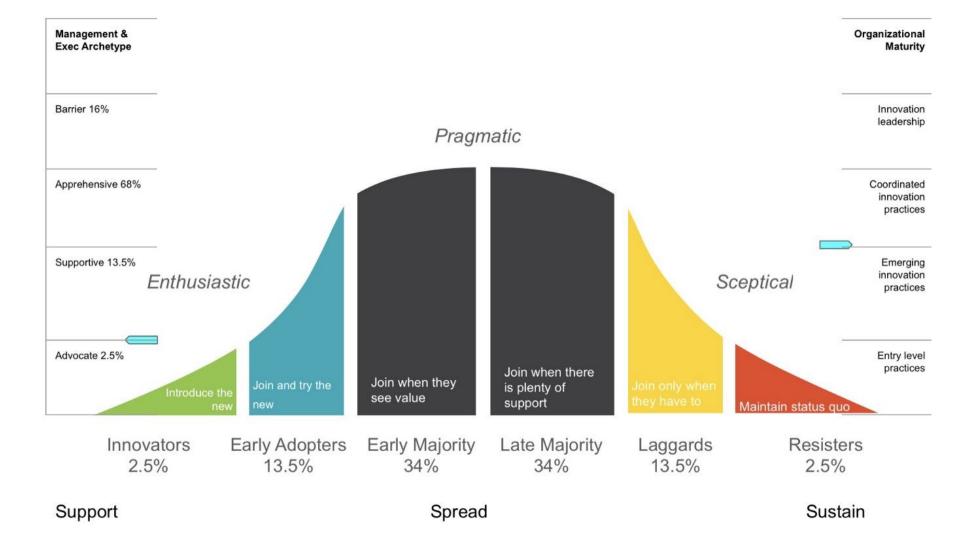
Results: We identified seven themes and 31 sub-themes from 25 eligible papers. Four themes summarised teacherlevel factors: PAL benefits, teachers' beliefs about own capabilities, PAL teacher training, PAL delivery. One theme encompassed teacher and school-level factors; resources. Two themes reflected school and external factors that influence teachers' PAL behaviour: whole-school approach, external factors. Ten (of 14) TDF domains aligned with main themes and sub-themes: Knowledge, Skills, Social/Professional Rale and Identity, Beliefs about Capabilities, Beliefs about Consequences Reinforcement Goals Environmental Context and Resources Social influences and Emotion

Conclusions: Our synthesis illustrates the inherent complexity required to change and sustain teachers' PAL behavjours. Initially, teachers must receive the training, resources and support to develop the capability to implement and adapt PAL. The PAL training programme should progress as teachers' build their experience and capability; content should be refreshed and become more challenging over time. Subsequently, it is imperative to engage all levels of



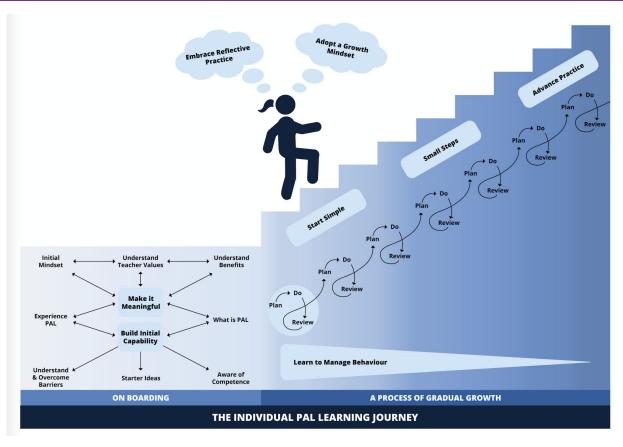
Build beyond innovators and early adopters





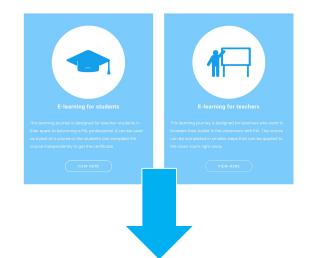
Embrace a complete learning journey





Free e-learning for physically active learning











Onboarding

This is the first step in the Activate e-learning journey – onboarding.

START COURSE

Next steps

This is the second step in the Activate e-learning journey – Next steps

START COURS

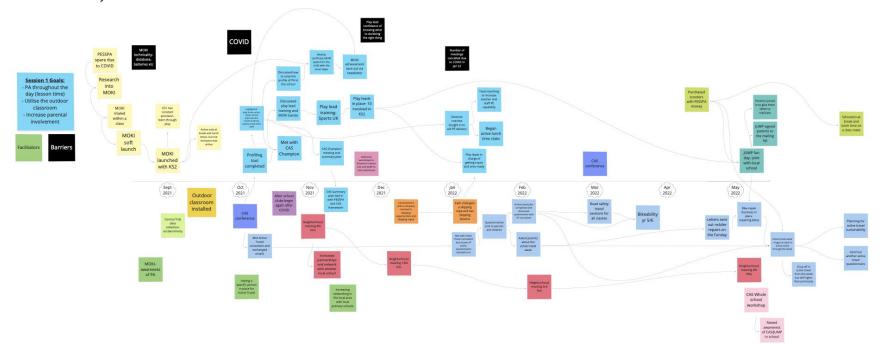
Advanced practice

This is the third step in the Activate e-learning journey – advanced practice

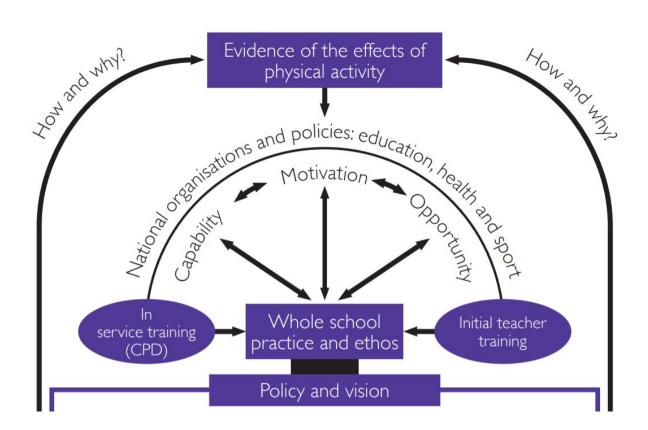
START COURSE

Step 4: Monitoring and Evaluation*

- Pupil behaviours
- Ripple effect mapping
- Teacher surveys
- Parent surveys



We need to integrate within teacher training and develop high-quality in service training



Building the national CAS system







Creating Active Schools Core Team

Research and Implementation leads and National coordinator

Locality-based support and community of practice



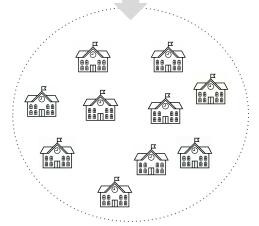












High quality evidence-based training on create locality communities of practice and school organisational change



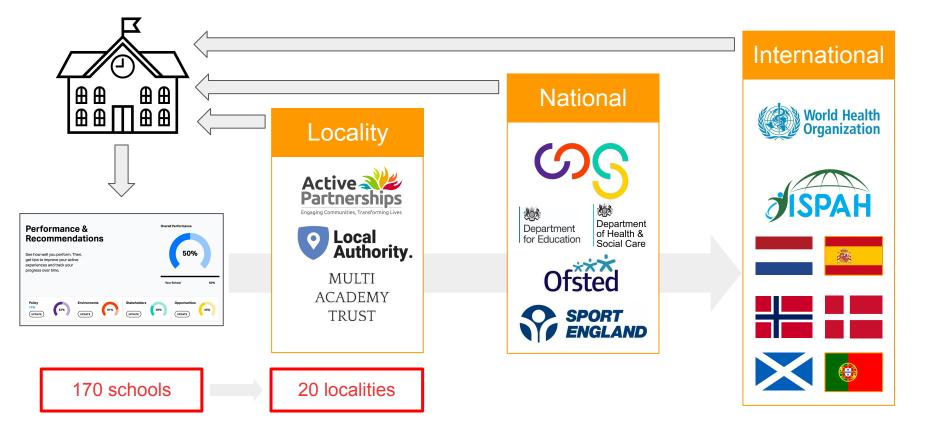
Locality:

- 2 day CAS Champion training
- Monthly webinars
- Annual conference

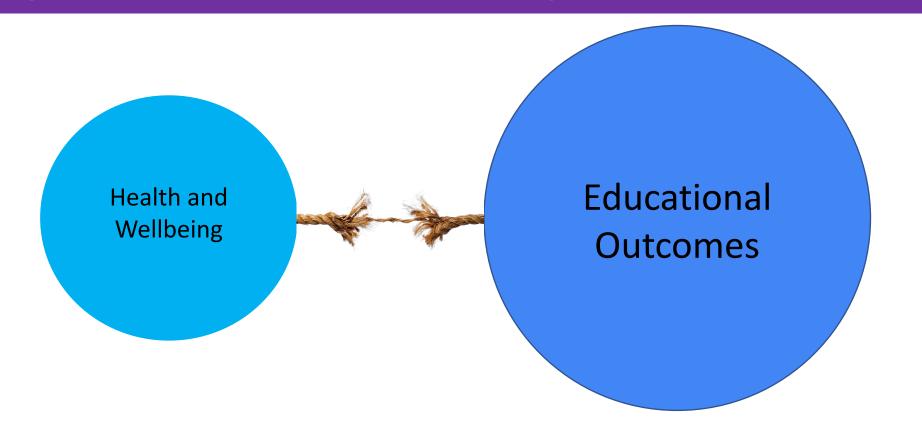
School

- National one day training
- Locaity led communities of practice
- Locality conference

Data driven decision making at all levels of the system



Align health and education policy



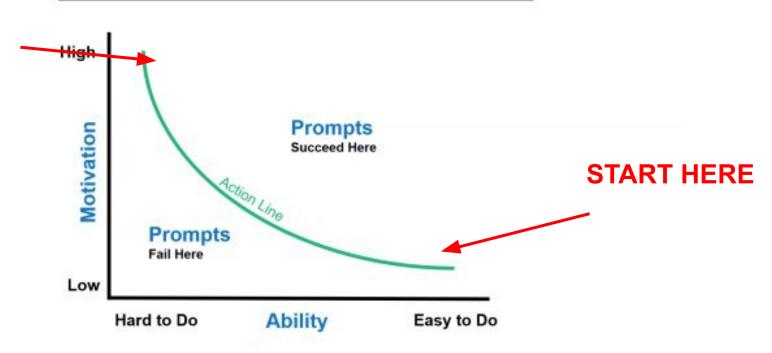
Move beyond elastoplast initiatives and change the bucket

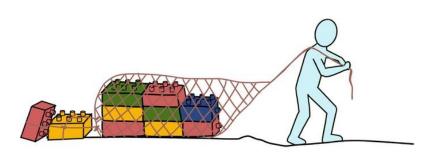


Main takeaway: build habits for low motivation

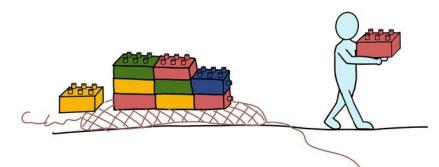
THE FOGG BEHAVIOR MODEL

NOT HERE





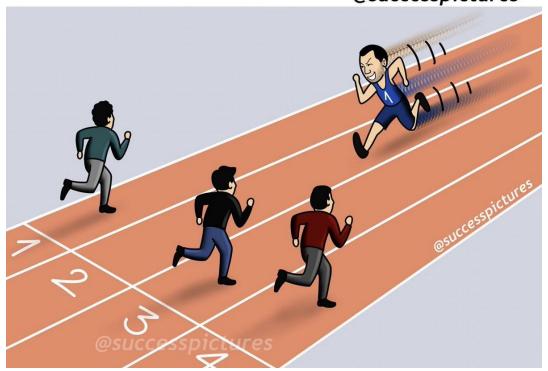
Y YOU CAN'T DO IT ALTOGETHER



H'S OKAY TO DO ONE STEP AT A TIME

THAN SPEED. MANY ARE GOING FAST BUT IN A WRONG DIRECTION.

@successpictures



ACTivate conference

Bergen, Norway



21st and 22nd November

ACTivate

We would like to invite physically active learning and whole school physical activity pioneers to submit an abstract to present at the international conference focused on implementing PAL and whole-school physical activity

Walking the Talk:

Implementing Physically Active Learning and Whole School Physical Activity

Challenges persist with a broader adoption, implementation and sustainability of PAL and whole-school physical activity. Further, many countries lag behind in embedding PAL and PA into education and health policy. The conference will draw together researchers, policy makers and practitioners to discuss current issues facing the development, delivery and evaluation of PAL and whole-school approaches to PA.

On Monday, we will begin with keynote presentations that will set the scene implementation of PAL and whole-school PA. We would then like to invite you to contribute to the programme and present your work in the field. This can be from a research, practice or policy perspective.

Closing date: Monday 19th Sept 2pm Central European Time.

Successful applicants will be notified by Friday 23rd September. You will then need to accept your place and register for the conference by Friday 21st October.







Please scan the QR code or follow the link to submit your talk:



International Congress 21st - 22nd November

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www.activateyourclass.eu



Strategic lead evaluation Dr Andy Daly-Smith University of Bradford





Strategic lead- partnershipsDan Wilson
Yorkshire Sport



Research & EvaluationDr Anna Chalkley
HVL



National Partnership Manager Claire Lee Rise



Research & Evaluation
Zoe Helme
University of Bradford



CAS South & West Yorkshire Alex Ogden Yorkshire Sport



Educational consultant lan Holmes Move & Learn









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