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Developing a physical literacy assessment for primary school children

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Within two age groups:

• 3-7 year olds (key stage 1) and 7-11 year olds (key stage 2)

Three studies:

- 1. A systematic review
- 2. Qualitative research with children, teachers and experts
- 3. Recommendations for assessment framework



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Liverpool 2017 The 'plan'



Cardiff 2018 Systematic review results Focus group data collection



Gloucester 2019 Focus group results

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UNIVERSITY LIVERPOOL JOHN MOORES Systematic Review(s) Methods

 6 databases searched between 12/5/17 and 29/1/19, using a predefined search strategy

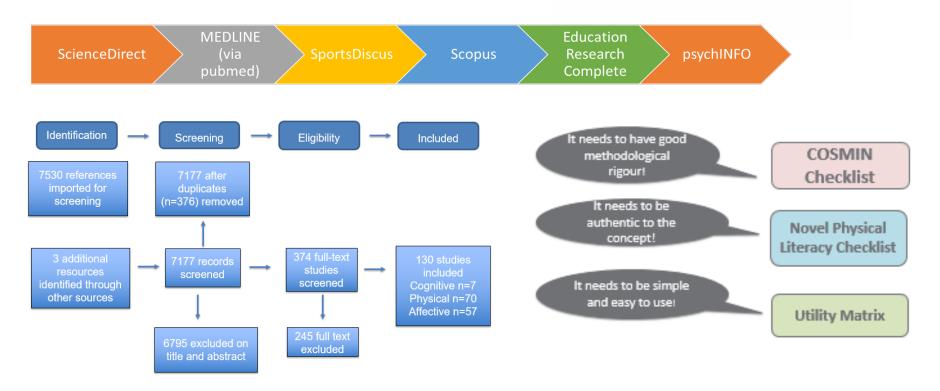
Welcome to PROSPERO International prospective register of systematic reviews

covidence

PHYSICAL ACTIVITY

EXCHANGE

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Conclusions from the Systematic Reviews

Lack of reporting of how tools are actually used in practice

Novel checklist provides information regarding assessments related to the domains of physical literacy Lack of comprehensive and transparent reporting

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Results highlight there is a lack of validated, feasible and philosophically authentic assessments of physical literacy, or of any of the individual domains

> PHYSICAL ACTIVITY



- More empirical research needed it to develop existing assessments, or to develop a new tool
- Reporting should be more comprehensive and transparent
- More consideration should be given to how assessments are used in the practice



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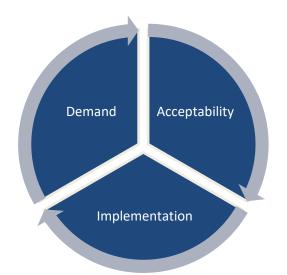
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JOHN MOORES Study 2- Stakeholder Perspectives

Aim: To explore key stakeholders views of current practice, future directions and effective implementation of physical literacy assessment.

- With a view to informing the development of a rigorous, authentic, and feasible physical literacy assessment
- Interactive focus groups with experts, teachers and children (both KS1 and KS2)
- Piloted in both age groups and adjustments made





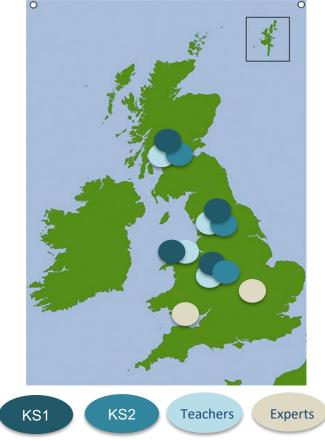
Semi-structured interview guide based on feasibility guidelines (Bowen et al., 2009)

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- 26 focus groups, conducted at 10 sites between June and December 2018
- 8 schools participated: percentage eligible for free school meals ranged from 5.9% to 43.9% and OFSTED ranged from RI to Outstanding
- Teachers included: PE co-ordinators (n=2) general class teachers (n=13) and teaching assistants (n=8)
- Experts: included academics (n=13) and practitioners (n=8), recruited at IPLA 2018 and via email

	Total Number of Participants	Number of Focus Groups	Mean Time (minutes)
KS1	39	7	31
KS2	57	10	28
Experts	21	3	65
Teachers	23	6	40

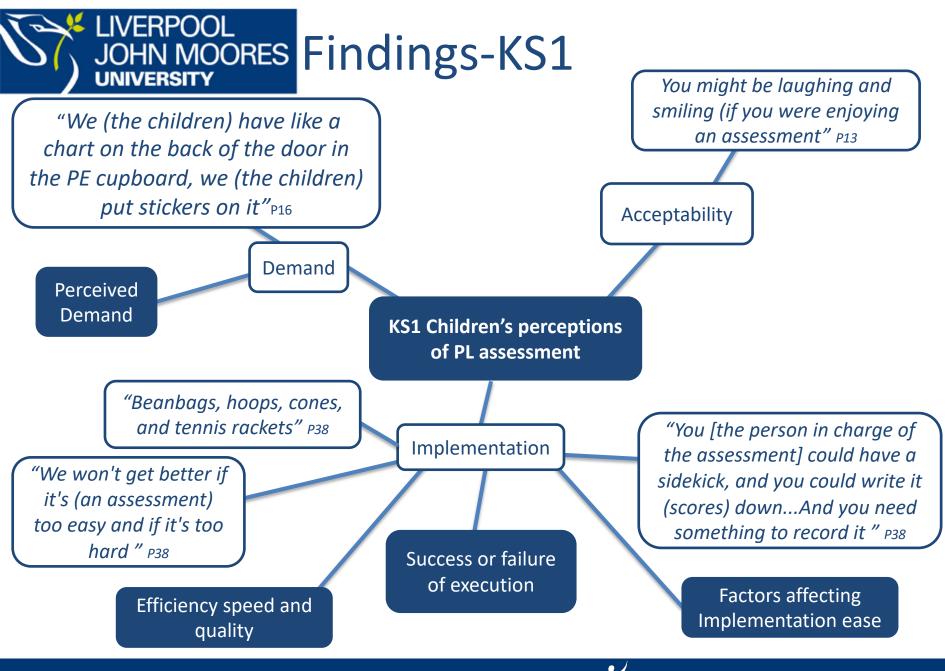


• Analysed using inductive and deductive thematic analysis (Braun & Clarke, 2006)

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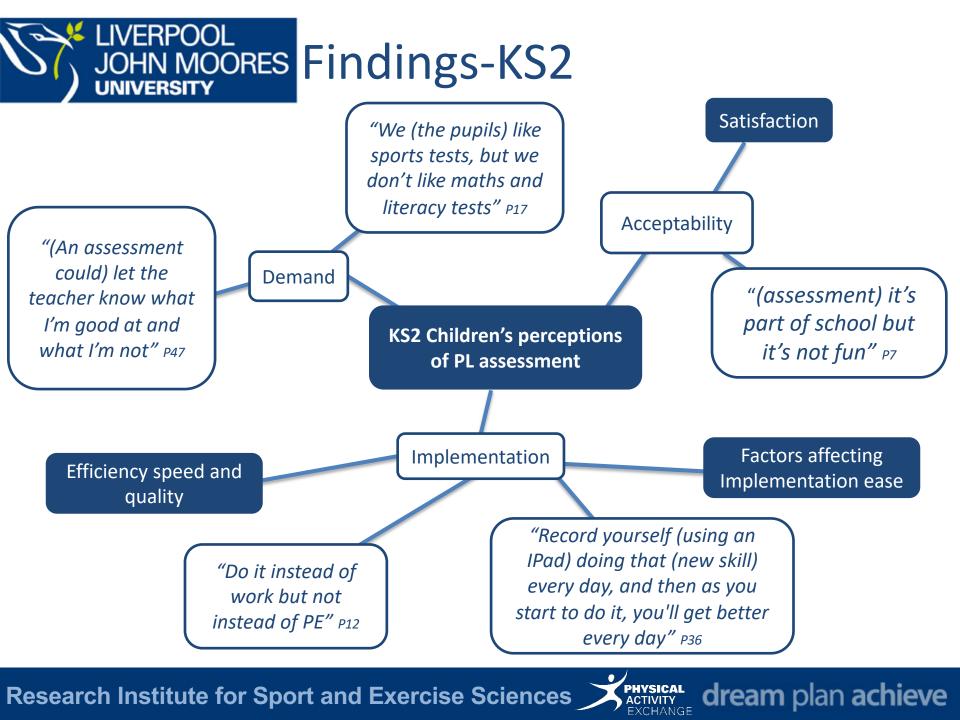
Presented in pen profiles (Knowles et al., 2013)

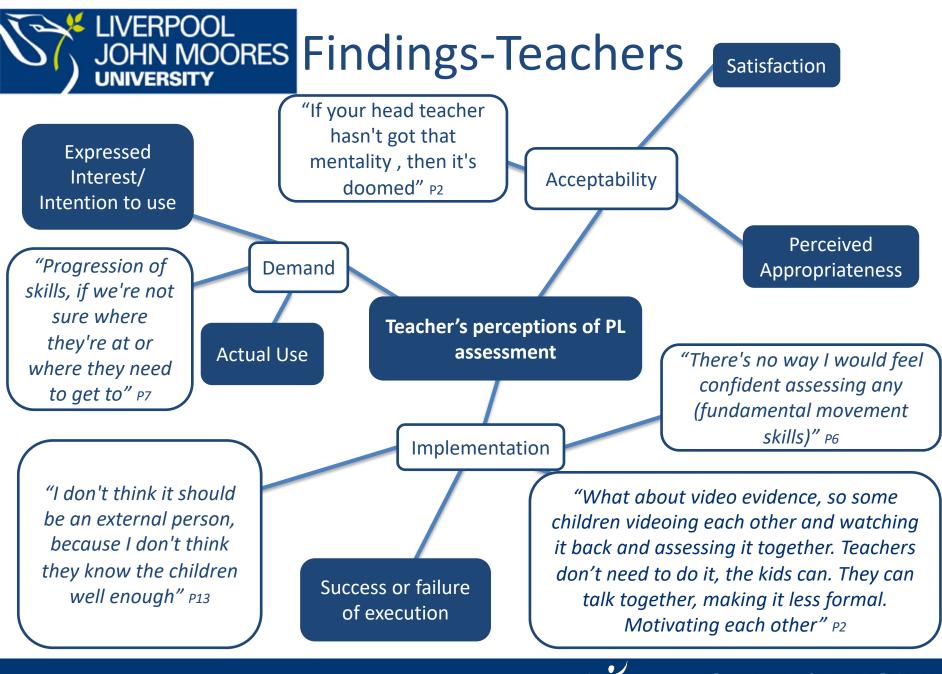
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JOHN MOORES Common Themes

Existing Assessments

- Formal assessment in PE is uncommon
- Limited success of current assessments in practice

Demand

- Not currently happening
- But important to; see progress, for teachers to help plan lessons, provide tangible information for policy makers and show value of physical literacy

Acceptability

- Fun
- Right level of challenge
- Assessment for learning

Implementation

- Teachers could lead, but would need training
- Technology could be used to record assessment
- Regular assessment to produce longitudinal picture

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- First study to explore stakeholders perceptions of PL assessment
- One of the few studies to include children
- Provides in-depth insight at the formative stage of assessment development
- Highlights the important balance between the purpose of assessment and the administrator/participant burden
- Foundation for the development of future PL assessment in this context



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Study 3 Aim: To develop evidenced based recommendations for an authentic and feasible physical literacy assessment, with the potential to pilot in schools.

- Appropriate for use in schools, which will assist teachers
- Provide tangible information to inform policy makers
- Provide empirical research to show value of physical literacy





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More children, more active, for life!



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ACTIVITY



Questions



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