

THE UNIVERSITY *of York*

The Department of Health Sciences

Preliminary findings from a systematic review of tools and instruments used to measure parent and child outcomes in evaluation studies of parent programmes for parents with children aged 0-5 years

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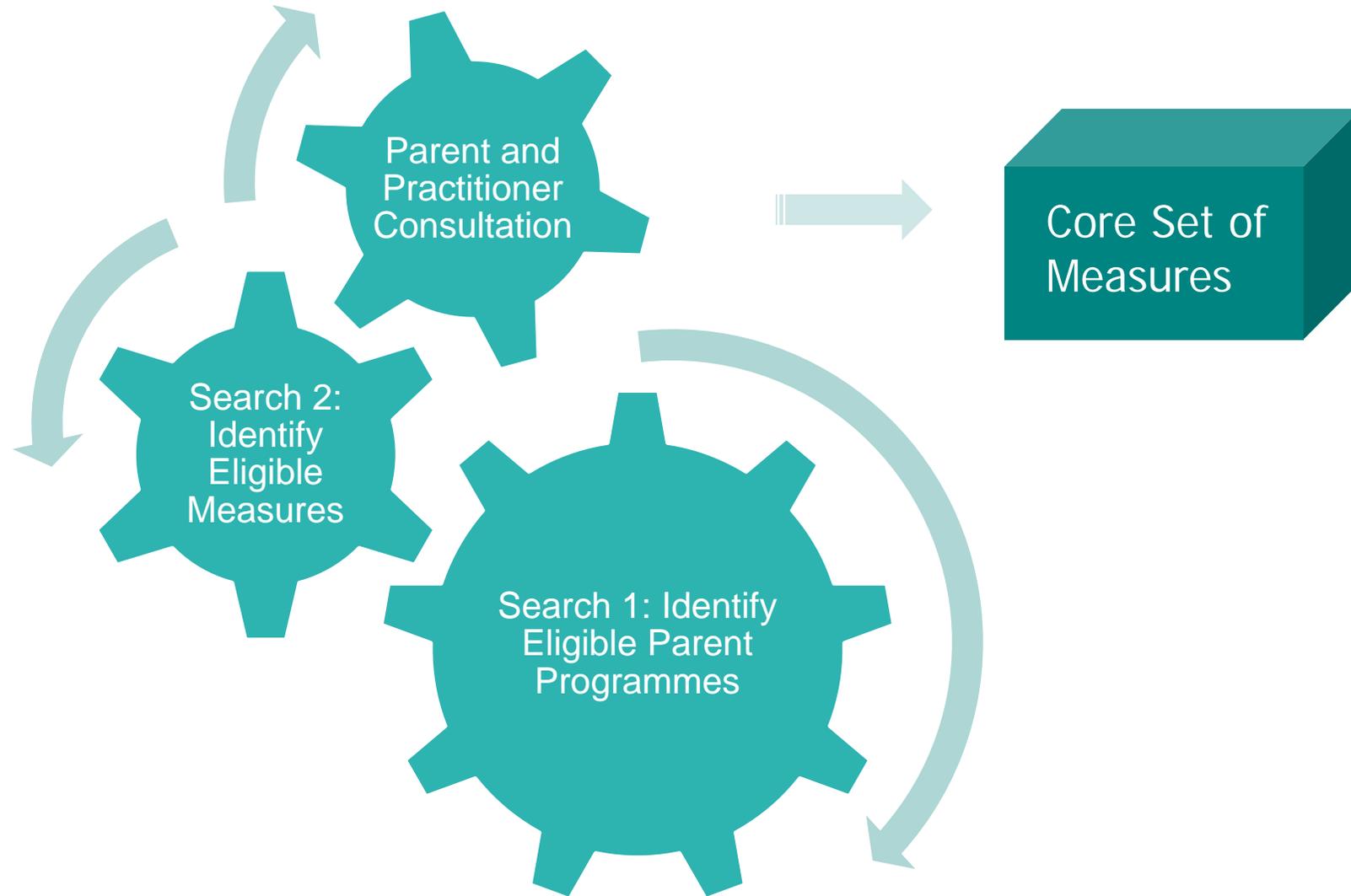


- Prevention and early intervention of significant importance
- Children with impaired social and emotional health at greater risk of poorer outcomes later in life
- Established links between parenting skills and behaviours and child health and development
- Parenting programmes designed to address social, emotional and behavioural development
- Emphasis is on the parent to support and facilitate their child's development at an appropriate level

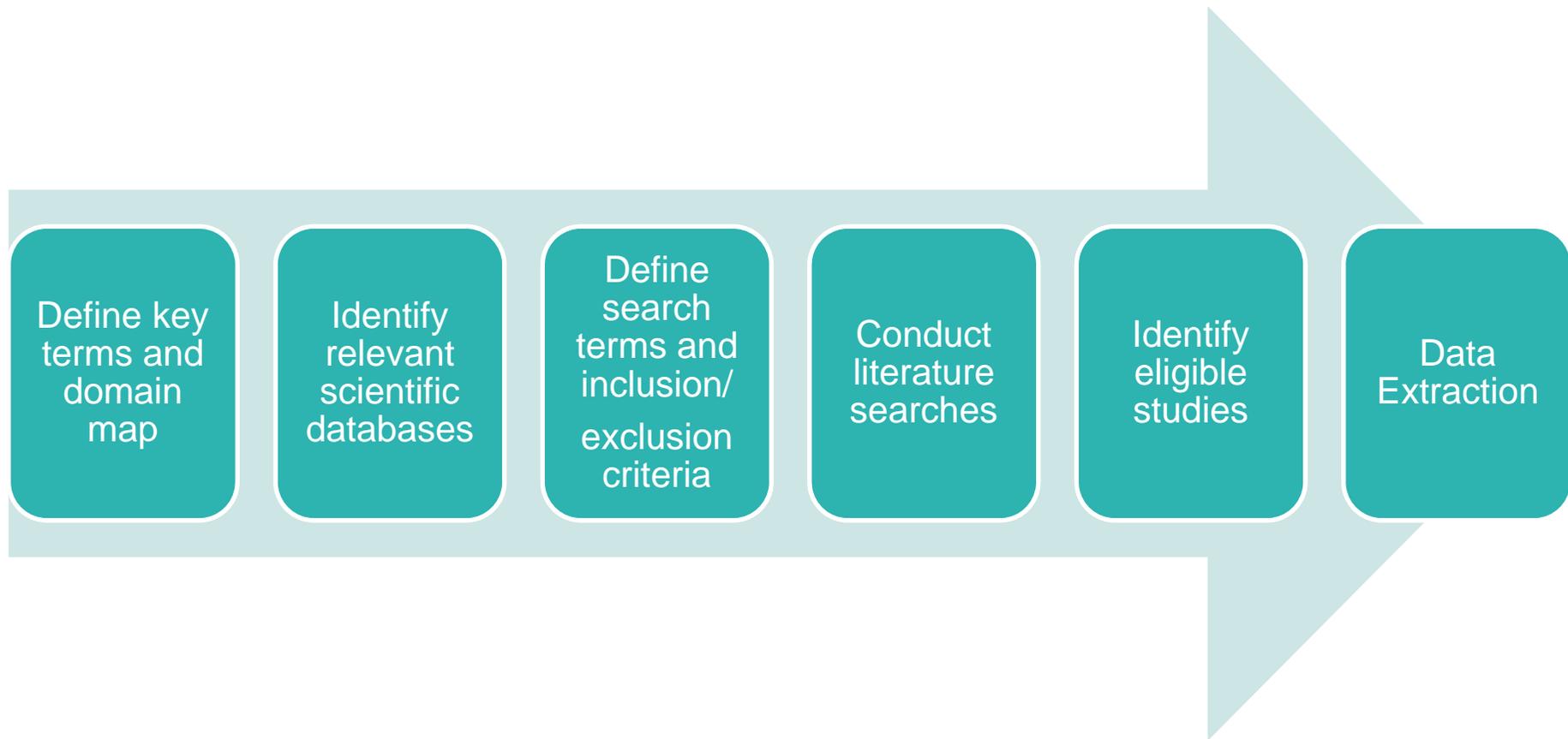
- Currently a lack of consistency in outcome measures used across evaluations testing programme effectiveness
- An increasing demand on practitioners to provide evidence of impact through the measurement of programme outcomes
- Both researchers and practitioners are seeking measures that are:
 - Reliable and valid
 - Time and cost effective
 - Easily translated within real-world contexts

- To identify and appraise measures used in the evaluation or monitoring of parenting programmes developed for parents of children aged 0-5 years.
 - Identify measures through a systematic search of published RCT's
 - Determine the robustness of these measures through the appraisal of studies reporting measurement properties
 - Explore the measures acceptability, cultural sensitivity and ease of administration in consultation with key stakeholders
 - Develop a core set of recommended measures for researchers and practitioners involved in the evaluation of parenting programmes

Our 3-Step Approach



Search 1: Methodology



Search 1: Domain Map

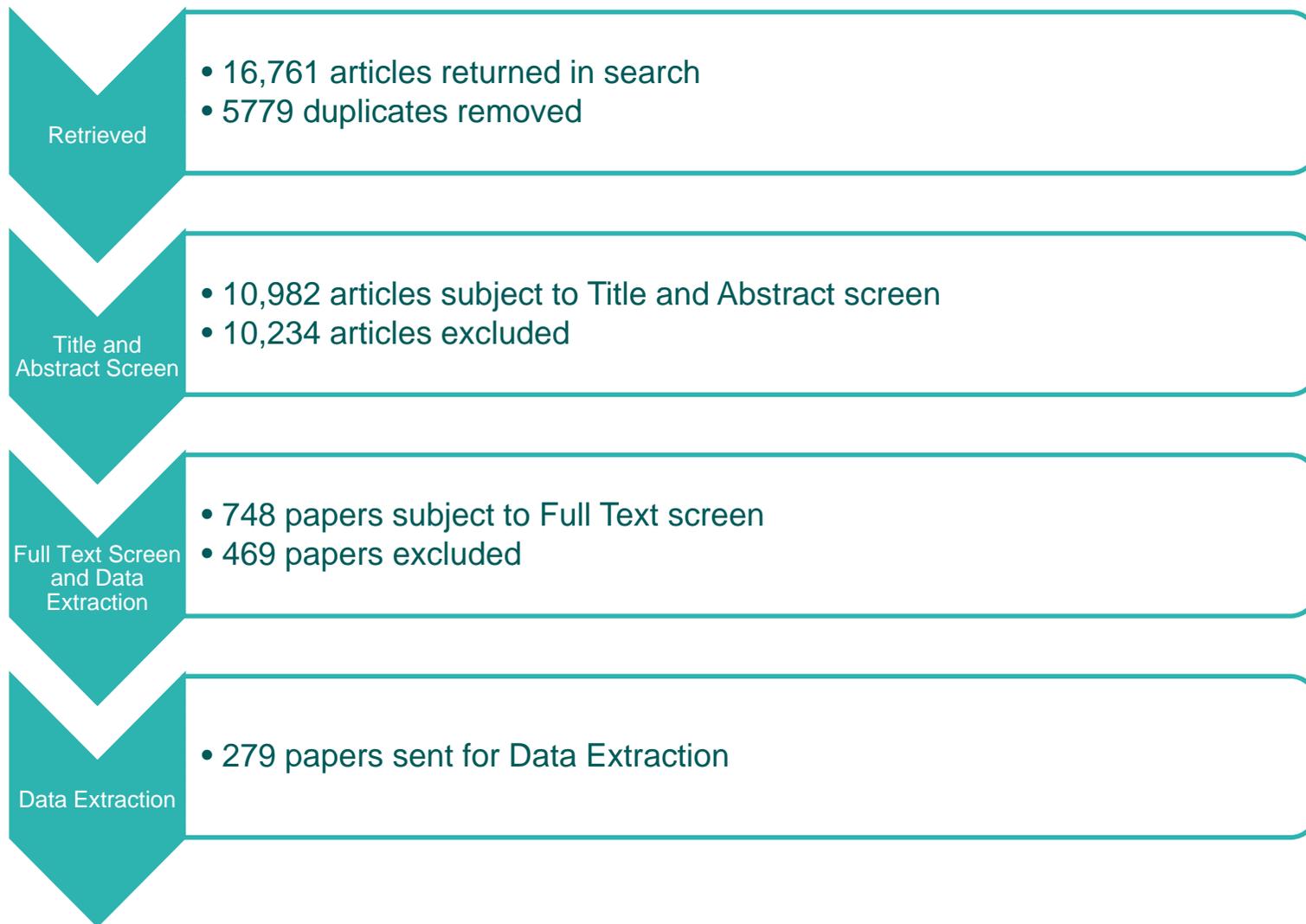


Parenting skills &
Practices
Parenting attitudes
and beliefs
Parenting
knowledge
Psychological
wellbeing
Quality of life

Interaction
Attachment
Bond
Maternal sensitivity

Social and
emotional
development
Cognitive
development
Behaviour
Quality of life

Search 1: Eligible Studies



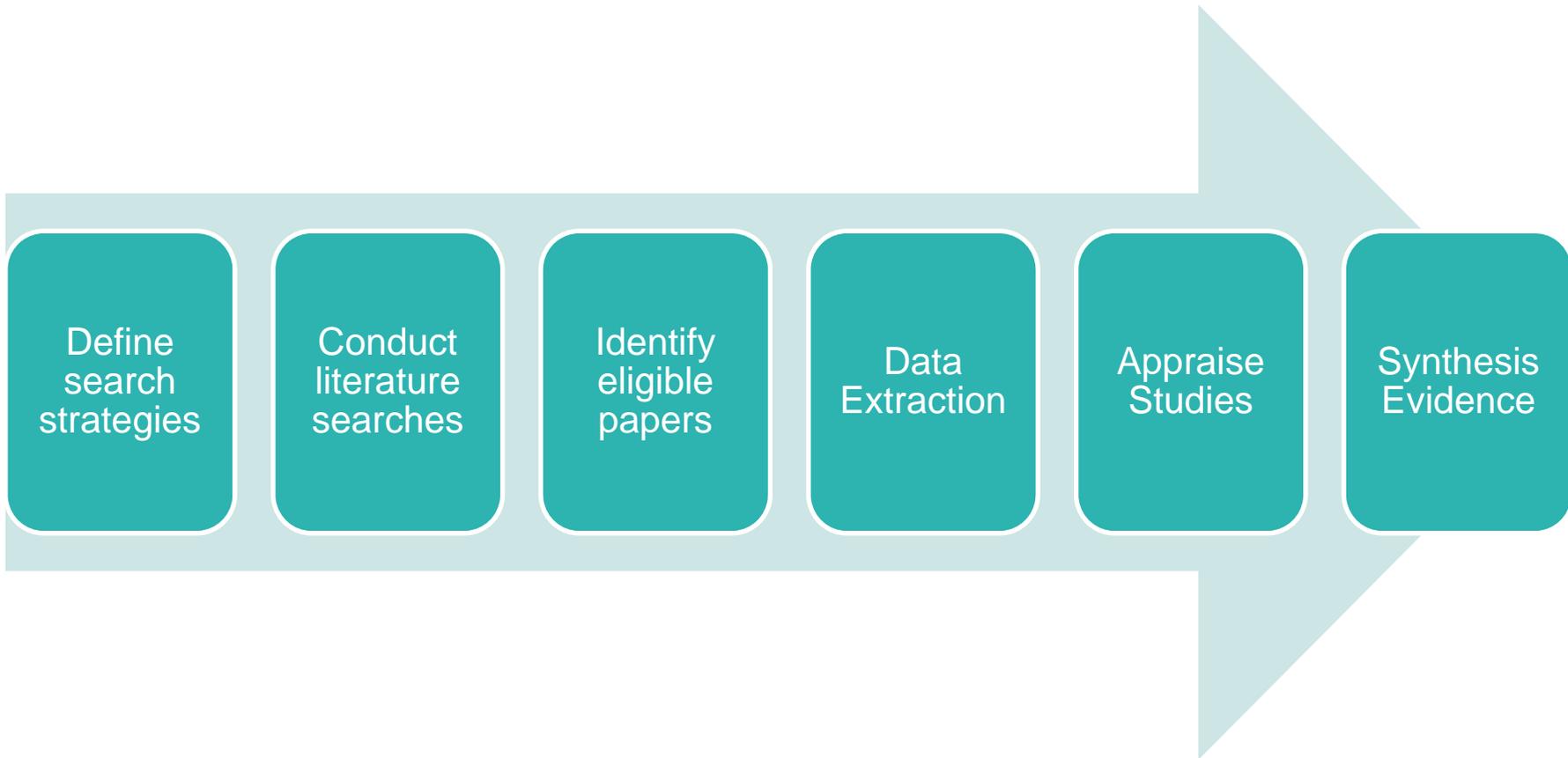
Search 1: Data Extraction

- From the 279 papers:
 - 113 parent programmes subject to RCT
 - 1-2-1
 - Group based programmes
- Standardised measures identified and sent forward to Search 2
 - 44 Questionnaires
 - 8 Developmental Assessments
 - 13 Observational Tools

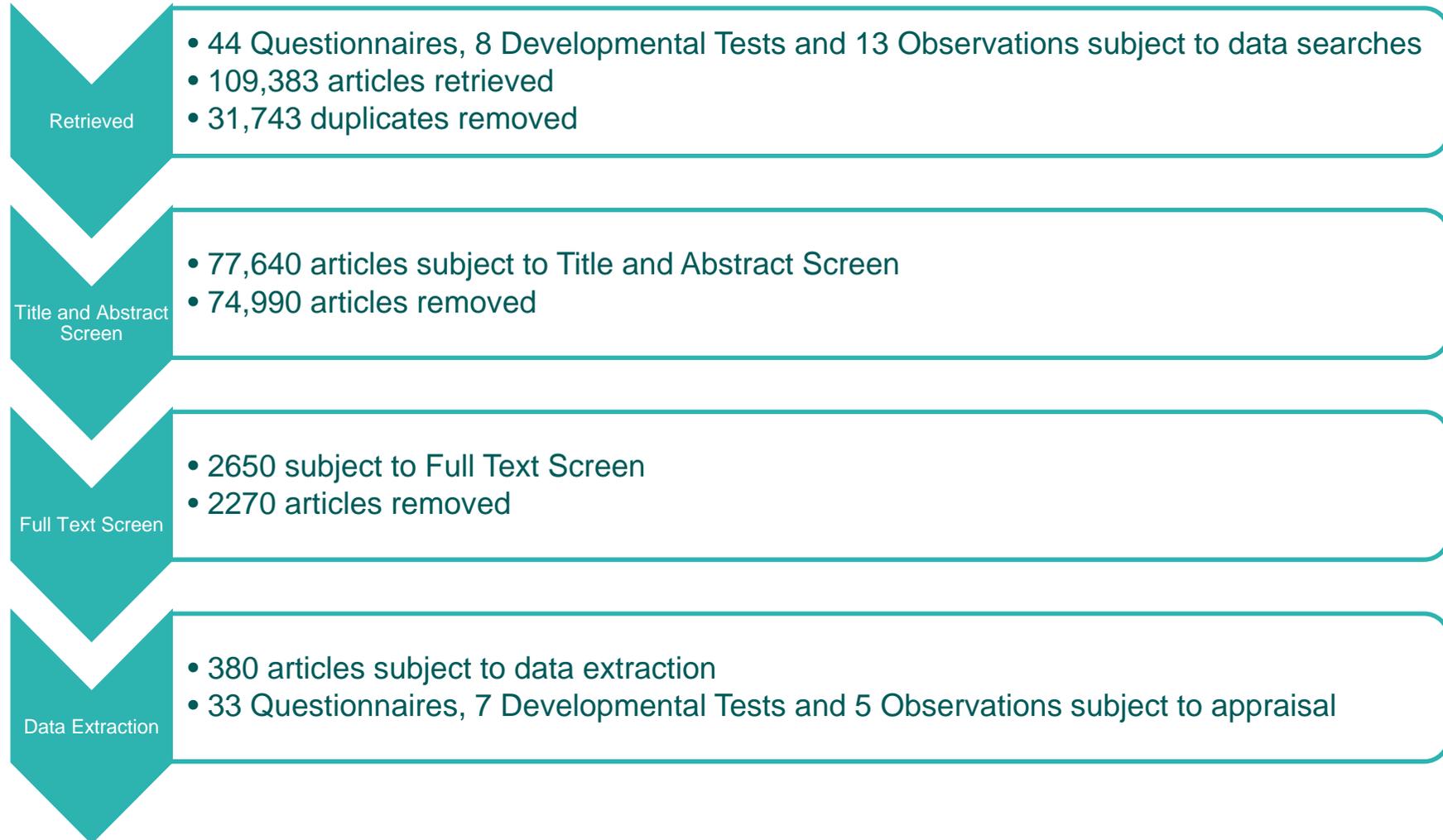


Parents as Teachers





Search 2: Eligible Studies



- Data extraction and measure appraisal will utilise a combination of:
 - The COSMIN checklist with a 4-point scale to provide an overall rating for each studies methodological quality
 - Internal consistency
 - Reliability
 - Measurement Error
 - Validity (Content/Structural/Cross-Cultural/Criterion)
 - Hypothesis Testing
 - Responsiveness
 - The 2011 Terwee Quality criteria for measurement properties as an overall rating for the combined evidence for each measure

- Appraisal of each measures psychometric properties (Oct – Dec 2016)
- Consultation work with parents and practitioners (Nov 2016)
- Identification of the core set of measures (Dec 2016)
- Prepare and submit papers for publication (Jan – March 2017)
 - Systematic Review of Questionnaires
 - Systematic Review of Developmental Assessments and Observational Tool
- Guide for practitioners (Jan 2017)

- Challenges

- Determining appropriate search terms and strategies
- Orienting a team and achieving reliability in applying the checklists

- Limitations

- Some relevant papers excluded due to inability to access full texts
- Results exclusive to RCT's
- Fails to capture all measures across specified domains

- Implemented a systematic strategy to identify relevant measures used in programme evaluation
- Quality control checks at each level of the process
- Appraisal conducted using two robust methods of quality evaluation
- Includes consultation with key stakeholders to determine a core set of recommended measures that can be used by both researchers and practitioners
- Addresses a *real* gap in current research
- Addresses a *real* need in practice
- Results have *high level* impact

Thank you for your
attention

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