



TEMPLATE for CONFERENCE PROCEEDINGS - SUMMARY FROM PRESENTERS

Session Number	38
Your Presentation Title	<i>Improving numeracy outcomes for young Australian Indigenous children.</i>
Abstract /Summary of Presentation (1/2 to 1 page) <ul style="list-style-type: none"> • objectives • main ideas, topics and findings • evidence? • Outcomes? 	<p>This presentation provides an overview of a three-year study with 60 early childhood educators and approximately 240 children aged 4 to 5 years currently being conducted with 15 Aboriginal-run early childhood services. International research provides strong evidence for investing early for improved health and wellbeing of young children (Barnett, 2011). The numeracy Intervention <i>Patterns and Early Algebra Preschool (PEAP) Professional Development (PD) Program</i>, reported in this presentation, is a transition to school program focused on developing children’s early mathematical thinking and reasoning skills. A case study of two centres participating in the study exemplifies how PEAP has the potential to advance young children’s mathematical problem solving and thinking skills. The broader aim of the project is to work towards closing the gap in numeracy achievement for young Indigenous children.</p> <p>The current project is supported by an Australian Research Council (ARC) Linkages Grant LP110100553 (Papic, Mulligan, Highfield, McKay-Tempest, Garrett, Mandarakas, & Granite, 2011-2013). We wish to acknowledge the excellent support provided by Gowrie NSW, project industry partner, and the dedicated teachers and children from the various early childhood centres involved in the study.</p>
References if applicable	<p>Papic, M. (in press). <i>Improving numeracy outcomes for young Australian Indigenous children through the Patterns and Early Algebra Preschool (PEAP) Professional Development (PD) Program</i>. In L. D. English & J. T. Mulligan (Eds.). <i>Reconceptualizing early mathematics learning</i>. NY: Springer.</p> <p>Papic, M. (in press). A Mathematics Intervention: The case of 4 year-old Rylan and Hilda! <i>Procedia Journal of Social and Behavioral Science</i>, Science Direct, Thomson Reuters Conference Proceedings Citation Index (ISI Web of Science), Scopus.</p>
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