



Embedding Numeracy Effectively in a Play-based, Pre-primary Program: From Research to Practice

Dr Caroline Cohrsen
The University of Melbourne

January 21, 2019 (Monday)
14:00 - 15:30

Room 646, Meng Wah Complex, HKU

Abstract:

In this seminar, Caroline will draw on short video vignettes to demonstrate the opportunities provided by a play-based approach to the inclusion of Numeracy in early childhood education programs. She will reflect on the implications for initial teacher education and describe the affordances of using a 'shared lens' to recognise quality interactions. Briefly describing some of her research that has focused on children aged from three to five years, Caroline will advocate for the importance of initial teacher education that addresses the why, what and how of individualised teaching and learning in the preschool years.

About the speaker:

Dr Caroline Cohrsen coordinates the Master of Teaching (Early Childhood) program at The University of Melbourne, and teaches the Numeracy in Early Childhood subject included in this program. Her current research focuses on mathematics teaching and learning in the years prior to formal school education, from the home learning environment to the incorporation of an embedded mathematics focus in early childhood education curricula. Her research is primarily disseminated at conferences in Australia and overseas, and through peer-reviewed journal publications. She is currently collaborating with the Victorian Curriculum and Assessment Authority in the development of supplementary resources to augment the mapping of the revised Victorian Early Years Learning and Development Framework (DET, 2016) to the Victorian Curriculum F-10 to support child transitions, and content area learning continua. She is also leading the development of STEM resources to support preschool teachers' enactment of the Australian Early Years Learning Framework in the Northern Territory.



~ All are welcome ~

For enquiries, please contact the Office of Research, Faculty of Education, HKU at 3917 8254.