

Task Types and Mathematics Learning

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This symposium presents results from one aspect of a project investigating the use of particular types of tasks in mathematics classes. The first paper provides an overview of the project, and the following three papers elaborate aspects of the three main task types used as the basis of the project.

Paper 1: Helen O'Shea and Irit Peled, Monash University. *The Task Types and Mathematics Learning Research Project.*

Paper 2: Barbara Clarke, Monash University. *Using tasks involving models, tools and representations: Insights from a middle years mathematics project.*

Paper 3: Doug Clarke and Anne Roache, Australian Catholic University. *Opportunities and challenges for teachers and students provided by tasks built around "real" contexts.*

Paper 4: Peter Sullivan, Monash University. *Constraints and opportunities when using content-specific open-ended tasks.*