

Using Drawings and Discussion to Prompt Young Learners to Reflect Upon and Describe Their Mathematical Understandings

Andrea McDonough

Australian Catholic University
<andrea.mcdonough@acu.edu.au>

Jill Cheeseman

Monash University
<jill.cheeseman@monash.edu>

With an interest in children's learning of mathematics and ways to gain insights into this learning, we explore the possible value of an open-ended self-assessment task, *Impress Me*, and follow-up interview. Ten children in their first or second year of school recorded their understandings using drawing and/or writing during the period in which they were taught lessons on mass measurement and then met individually with an interviewer/researcher to discuss their portrayal and their learning. The *Impress Me* recording was found to be a useful initial prompt to stimulate discussion and other effective interview prompts are identified in this paper.