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Learning through modelling in the primary years.

Lee, Ngan Hoe (ed.) et al., Mathematical modelling. From theory to practice. Hackensack, NJ: World Scientific (ISBN 978-981-4546-91-1/hbk; 978-981-4546-93-5/ebook). Series on Mathematics Education 8, 99-124 (2015).

From the text: In this chapter, I consider problem solving and problem solving in the primary school, beginning with the need to rethink the experiences we provide in the early years. I argue for a greater awareness of the learning potential of young children and the need to provide stimulating learning potential of young children and the need to provide stimulating learning environments. I then focus on data modelling as a powerful means of advancing children's statistical reasoning abilities, which they increasingly need as they navigate their data-drenched world.

Classification: M10 K40

Keywords: complex data; model-eliciting activities; modelling for young children

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