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“It’s not just magic!” Learning opportunities with spreadsheets in the financial sector.

Hewitt, Dave, Proceedings of the British Society for Research into Learning Mathematics. Vol. 26 (1). BSRLM, London. 17-22 (2006).

Author’s abstract: In the research project “Techno-mathematical Literacies in the Workplace” we have carried out case studies in several industry sectors to characterise employees’ need for functional mathematical knowledge mediated by tools and grounded in the context of specific work situations. We have subsequently designed learning opportunities which we have tested and revised as part of design-based research. This paper gives examples from three financial companies in which we have used spreadsheet-based learning opportunities to support employees in their understanding of the (for them) hidden mathematical models on which pension investments and mortgage illustrations are based.

Classification: B60 M37

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